# WORKING BOOK 02

REGGIANI
WE SPEAK LIGHT


REGGIANI
WE SPEAK LIGHT

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093
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099
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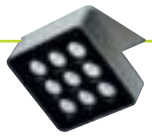
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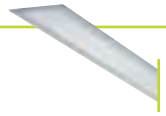


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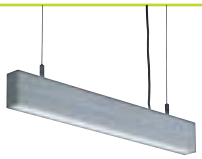
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**180**
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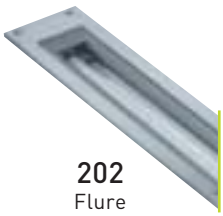
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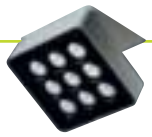
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**450**
Tobuled



**456**
Zero Zero Uno



**468**
Bink



**476**
Unisio



**486**
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**492**
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**502**
Kylios



**508**
Kazè



**518**
Trisio Plus & Trisio



**536**
Low Voltage



# Ceiling and Wall mounted luminaires



**081**
Yori



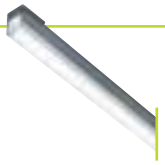
**129**
Splyt



**170**
Cyled



**360**
Varios



**178**
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**412**
Sun Luce & Sunios



**456**
Zero Zero Uno



**468**
Bink



**476**
Unisio



**518**
Trisio Plus & Trisio



**536**
Low Voltage



**554**
Cyl Light



**564**
Narancia



**572**
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# Pendants and Floor lamps



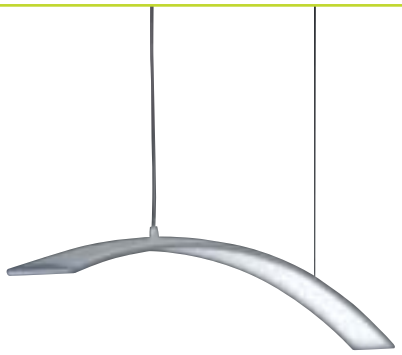
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Linea Luce LED



**476**
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**486**
Ambar



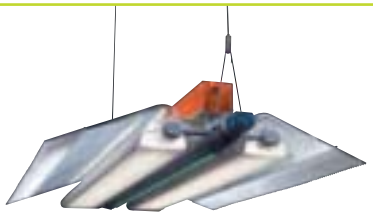
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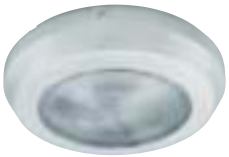
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# We are Reggiani, we speak light

Light is the language that Reggiani speaks, whose secrets and nuances are known to it. Reggiani knows how best to use it to impress, educate and/or seduce as appropriate to the customer's needs. For Reggiani, light is a symbol of knowledge and a medium through which to communicate. It's a means of showcasing a successful heritage and its component products and technologies, so finely balanced between design and pratical use.
**"We speak light"** includes the ability to **create versatile lighting systems** that can highlight details while olso revealing the context; systems with a strong focus on a dual responsibility to the individual customer and his project as well as to society and the environment as a whole.



# Technology and creativity: a partnership full of potential

Reggiani takes part in constant brainstorming with **the Designers of Light, whose interpretative and creative horizons have expanded enormously as a result of technological evolution.** It is through this sharing and interaction with the experts, "the poets of light", that opportunities arise to give shape and bring life to innovative and refined design solutions.

Reggiani itself contributes with its capacity for technological innovation, providing designers with the know-how and increasingly sophisticated components on which to base further discussion and experimentation. **Refracted by a prism, light reveals its colours: Research, Production and Creativity are the colours contained in all of Reggiani's projects, all equally fundamental.**

# Lighting Forum: the renaissance of light



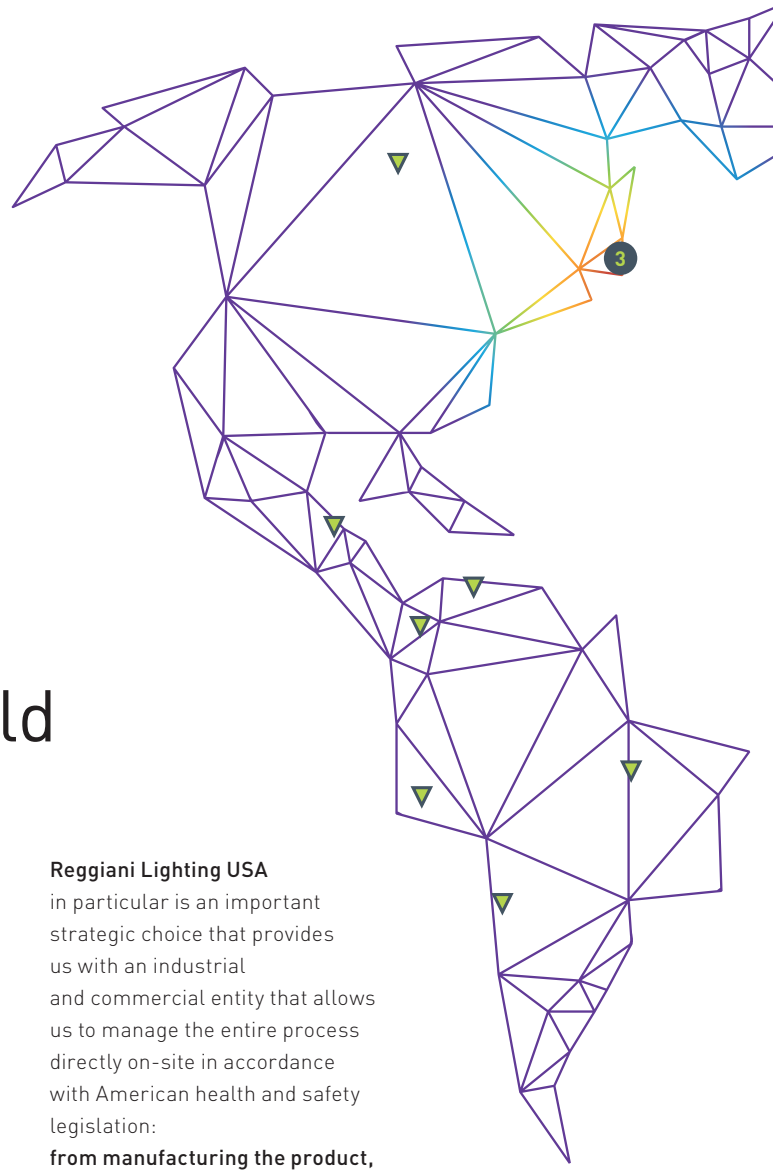
The **Reggiani International Light Forum,** located at Reggiani's headquarters, is a space dedicated to researching the most innovative solutions in energy efficiency, something which in recent years has become a fundamental topic in dialogue with our stakeholders and partners.

A series of organised meetings, workshops and seminars hosted at its 2,500 $m^2$ premises enables clients, architects, experts, schools and universities alike to experience firsthand the full range of our products and technologies, and to discuss the issues that determine technological progress.

**SHINING A LIGHT ON THE FUTURE**

Shining a light on the future from where we are today. Here at Reggiani corporate social responsibility is a prime consideration when evaluating our commercial operations. An excellent example of this are the 730 $m^2$ of photovoltaic panels that cover the roof of our headquarters in Sovico by which we can achieve an **annual reduction in $CO_2$ emissions of not less than 60 tons.**

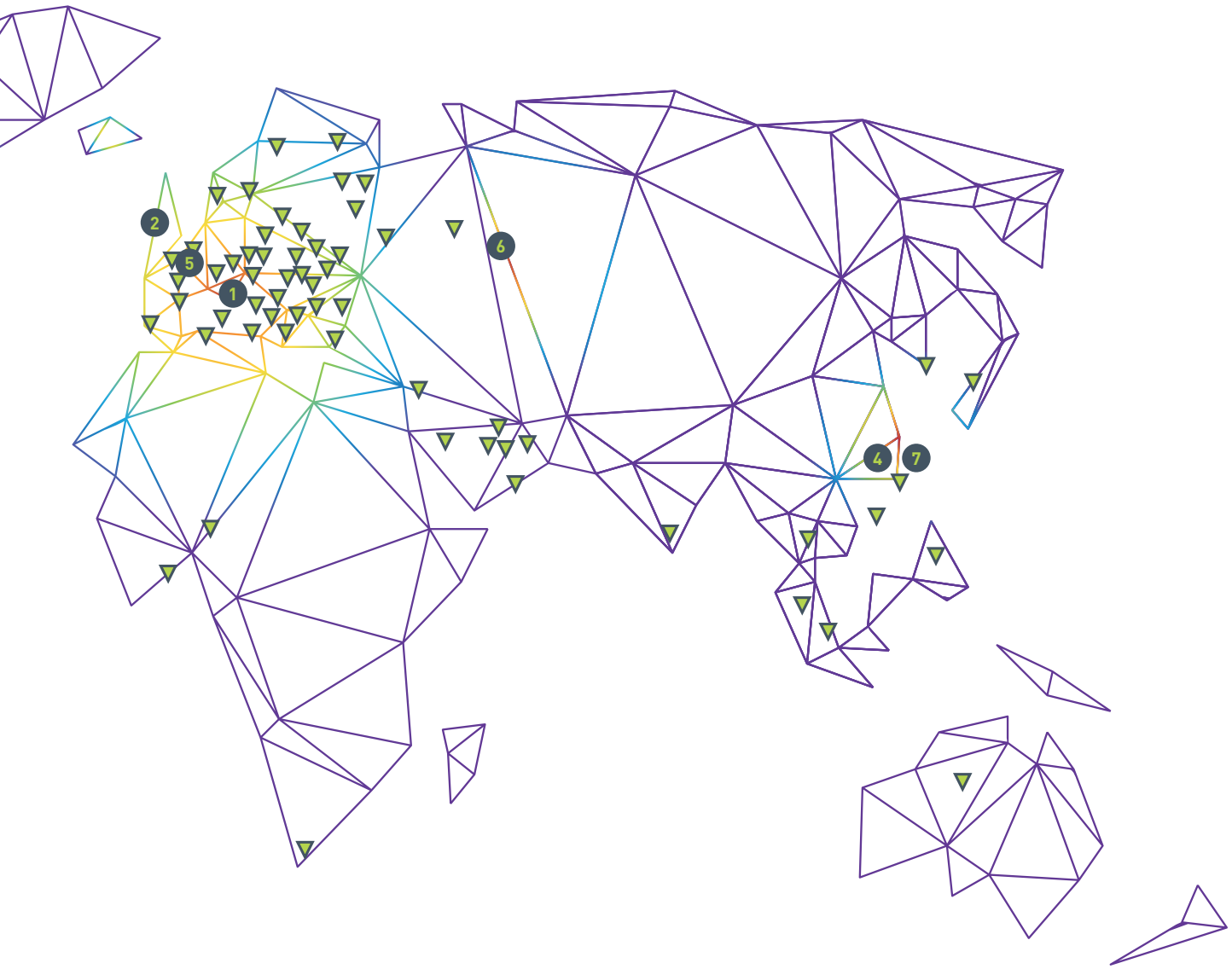





# Reggiani in the world

**Reggiani Illuminazione SpA**, founded in Brianza, an area of strong industrial tradition near Milan, has seen its presence grow worldwide thanks to its skill, creativity and technological know-how. Reggiani currently has its headquarters in **Italy, with a subsidiary or agency in USA, UK, China, France and Russia**, covering a total area of 110,000 m² dedicated to production, offices, showrooms and warehouses.
A network of selected distributors offers Reggiani products across approximately **80 countries** thereby ensuring a Reggiani presence and any assistance required by customers.

**Reggiani Lighting USA** in particular is an important strategic choice that provides us with an industrial and commercial entity that allows us to manage the entire process directly on-site in accordance with American health and safety legislation:
**from manufacturing the product, to project design and installation to customer care.** Reggiani's philosophy is to remain open to new cultural horizons by creating widespread collaborative networks to promote Reggiani worldwide.




headquarters

**↘1**
**MILAN (Italy)**

subsidiaries

**↘2**
**LONDON (United Kindom)**

**↘3**
**NEW JERSEY (USA)**

**↘4**
**NINGBO (China)**

showrooms - representative offices

**↘5**
**PARIS (France)**

**↘6**
**MOSCOW (Russia)**

**↘7**
**NINGBO (China)**

Australia · Austria · Bahrain · Belgium
Belarus · Bosnia · Brazil · Bulgaria
Canada · Chile · Cyprus (South) ·
Colombia · Croatia · Denmark · Egypt
Estonia · Finland · France · Germany
Ghana · Japan · Greece · Hong Kong
India · Indonesia · Israel · Jordan
Kuwait · Lebanon · Latvia · Lithuania
Malta · Mexico · Netherlands · Nigeria
Norway · Oman · Peru · Philippines
Poland · Portugal · Qatar · Czech Rep.
Slovak Rep. · Romania · Russia
Saudi Arabia · Singapore · Slovenia
South Africa · South Korea · Spain
Sweden · Switzerland · Thailand
Taiwan · Tunisia · Turkey · U.A.E.
Ukraine · Hungary · Venezuela

# Reggiani Projects



MaxMara Flagship store – Vancouver – Canada



Aura – KSA



B&B Italia – Novedrate – Italy



prestigious car showroom in the United Kingdom



Symbol Woman Boutique – Dnepropetrovsk, Ukraine © BBArchitetti



Florio wine bar – Marsala – Italy




Colmar – Berlin – Germany



Gessi showroom – Milan – Italy



Pal Zileri – Las Vegas – USA



US Pavilion – Venice Architecture Biennale – Italy © David Sundberg

# Projects in the world

- Jimmy Choo - London, UK
- Scape Mile End - London, UK
- Årsta Church - Stockholm
- RIFLE - Milan
- ABSA Bank - Johannesburg
- ADIB Bank - 1 Hyde Park - London, UK
- BMW Motorrad - Monza, Italy
- Max Mara Showroom - New York
- Dsquared - St. Moritz, Switzerland
- Manila Grace
- Gessi Showroom - Milan, Italy
- Vauxhall Showroom - London, UK
- Florio wine cellars - Marsala, Italy
- Colmar - Berlin
- Emilio Pucci - Miami
- Poliform Showroom - Miami
- Damiani Boutique - Fiumicino, Italy
- Moncler - Atlanta
- National Museum - Bahrain
- Lando Center - Cittadella, Italy
- Church of S. Maria Immacolata all'Esquilino - Rome, Italy
- Nedbalka Gallery - Bratislava
- 7 For All Mankind
- "Acqua e Sapone" store
- Aftershock - Kolkata, India
- Al Shaqab Academy, Qatar
- Alcott
- Chamber of Commerce – Catanzaro, Italy
- Armani
- Artsana
- Arturo Calle
- Aston Martin Showroom
- AURA Homeware
- Bank Audi Sal - Middle East
- Bari airport, Italy
- Baxters
- Benalmadena Hospital, Spain
- Benetton
- Library and School of Music
- Truchtersheim - Kochersberg, France
- BMW - MINI
- Brooks Brothers
- Buraimi Roundabout Monument - Oman
- Burton Men's Clothing
- Caffé di Roma - LAVAZZA
- Camomilla
- Canali
- Cappella Dei Notai - Verona, Italy
- Carpisa
- Cecil Gee
- Champneys SPA Hotel
- Dives in Misericordia church
- Santa Maria Infraportas church - Foligno, Italy
- CITY STARS Mall - Cairo, Egypt
- COIN
- CONAD
- Crowne Plaza Hotel - Makkah, Saudi Arabia
- Havana Airport
- Sultan Qaboos Cultural Center
- D&G
- Diesel
- Dorothy Perkins

- Dubai Marina Mall
- Dubai Airport Terminal 3
- Euronics - Trony
- Evans
- Fairmont Residences - Dubai, Palm Jumeriah
- FIAT - France
- Focus DIY
- Four Seasons – Alexandria, Egypt
- La Gardenia perfumery
- GEOX
- Baiyan Airport - Guangzhou, China
- Golden Mile Residences - Dubai, Palm Jumeriah
- Guangzhou Opera House
- GUESS
- Hamleys
- Harmont&Blaine
- Holiday Inn, France
- Hotel Cavalieri Hilton - Rome, Italy
- Iconic
- Ilori
- John Lewis
- Jumeriah Village and Jumeriah Park - Dubai
- KIA
- KOTC Headquarters
- Rotonda Della Besana - Milan, Italy
- La Triennale - Milan, Italy
- LAVAZZA Espression
- Beirut Airport
- Legal Advice Headquarters - Kuwait
- Lhasa Railway Station, Tibet
- LIBRARY ALHAURIN - Malaga
- "Giunti al Punto" bookshops
- Lingshan Palace Museum
- Liu Jo
- Lloyd's of London, UK
- M&S
- Mc Kenzy
- Airport International Arrivals - Melbourne
- Memorial - Vilnius, Lithuania
- Market Shopping Mall - Dubai
- Meydan Race Course
- Mim
- Ministry of Health, new headquarters - Kuwait
- Ministry of Manpower, new headquarters - Kuwait
- Ministry of Tourism, new headquarters - Kuwait
- Miss Selfridge
- Morrisons
- Moss Bross
- Motivi
- International Arrivals - Mumbai
- Airport Duty Free - Muscat
- Man Showroom - Muscat
- Museum of Science and Technology - Shanghai
- Capodichino Airport - Naples, Italy
- New Look
- NEXT
- New Museum of the Risorgimento at the Vittoriano - Rome, Italy
- Oman Botanical Garden – Royal Court Affairs
- Original Marine
- Ospedale delle Donne, San Giovanni Addolorata hospital - Rome, Italy
- Palazzo Arese Borromeo - Cesano Maderno, Italy
- Palazzo di Propaganda Fide - Rome, Italy
- Faculty of Studies - Library, Qatar
- Foundation – Accommodation Blocks, Qatar
- Raipur Airport - India
- RGO - Royal Guard of Oman Technical College
- "The Road of Freedom" Commemorative Sculpture - Lithuania
- Sainsbury's
- Samharam Tourist Village - Salalah, Oman
- Salvatore Ferragamo
- Sasch
- Jeddah Airport, Saudi Arabia
- The United Nations Food and Agriculture Organization (FAO) office - Rome, Italy
- Sehne Bakery
- Sharjah Airport United Arab Emirates
- Shasa
- Soletrader
- Statoil
- Porta Garibaldi Underground station, Italy
- Wilson underground station - Warsaw, Poland
- Sultan Center Seeb & Qurum-Oman
- Sunglass Hut
- Superquinn
- Sisley
- TAG Heuer Swiss Watches
- Target
- The Bodyshop
- The Gate Development, Qatar
- Tilal Complex - Oman
- TopshopTopman
- Toyota Showrooms - Districts of Sumail, Suwaiq, Liwa, Seeb – Oman
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# General technical notes


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# LED technology

For Reggiani, LED technology is the perfect blend of a high-performance LED, excellent heat dissipation and efficient optics powered by a top quality driver. Two clear concepts form the basis for choosing the LED source:

- to guarantee the best light emission
- to maintain the quality specifications of the emitted light (CRI >90 and SDMC 3)

These mainstays have enabled Reggiani's **Research & Development** department to source the leading LED technologies on the market over the years, whether LED C.O.B. (Chip on board), LED Arrays or LED Clusters. For Reggiani, LED technology also means "daily research" to assure customers of the best source, the best visual comfort and the highest energy savings.

**COB LED** – chip-on-board LED – is one of the bare chip technologies, which interconnects the bare chip to a substrate by conductive or non-conductive adhesive and then wire bonding to achieve the electrical connection. The COB package consists of attaching a number of chips directly to the substrate, then joining them together by silica gel, epoxy resin or other materials; the visible yellow part is phosphor.

**MULTILED**: the multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

**ARRAY**: an assembly of LEDs on a printed square or rectangular circuit board, with optical elements and thermal and mechanical interfaces.

**LINEAR**: an assembly of LEDs on a stamped linear circuit board with optical elements and thermal and mechanical interfaces.



5 YEARS WARRANTY

Conditions and registration on
www.reggiani.net/warranty

# Comparison of LED and traditional technologies

LED technology brings advantages both in costs and environmental impact. Below is a comparison chart showing the advantages of LEDs over previously adopted lighting technologies:

| ENERGY EFFICIENCY | | | |
|---|---|---|---|
| | **Light Emitting Diodes (LEDs)** | **Incandescent lamps** | **Compact fluorescent lamps (CFL)** |
| Lifespan (average) | 50,000 h. | 1,200 h. | 7,500 h. |
| lumens/watt 100 | 18-20 lumen/W | 3 lumen/W | 7-8 lumen/W |

| CHARACTERISTICS | | | |
|---|---|---|---|
| | **Light Emitting Diodes (LEDs)** | **Incandescent lamps** | **Compact fluorescent lamps (CFL)** |
| sensitivity to humidity | no | in come cases (for high operating temperatures) | yes |
| sensitivity to low temperatures | no | in some cases | yes, may not work under 10° C |
| sensitivity to cycling (switching light on/off quickly) | no, in fact, they are used for flashes and strobe lights | partly, in the long term the lifespan is reduced | yes, repeatedly switching the light on/off quickly can drastically reduce the lifespan |
| turns on instantly | yes | yes | no, takes some time to warm up |
| durability | very durable, can handle jarring and bumping | the glass is delicate and the high heat makes it unsuitable for a working environment where contact may be made | the glass containing the mercury vapour can break easily. Moreover, mercury is very toxic to health |

| ENVIRONMENTAL IMPACT | | | |
|---|---|---|---|
| | **Light Emitting Diodes (LEDs)** | **Incandescent lamps** | **Compact fluorescent lamps (CFL)** |
| RoHS compliant | yes | yes | no, contains up to 5 mg of Mercury and cannot be RoHS compliant |
| contains Mercury | no | no | 1 mg-5 mg per bulb and is a major risk to health and the environment |

| LIGHT OUTPUT | | | |
|---|---|---|---|
| | **Light Emitting Diodes (LEDs)** | **Incandescent lamps** | **Compact fluorescent lamps (CFL)** |
| 450 lumen | 3-4 W | 40 W | 10-14 W |
| 800 lumen | 6-9 W | 60 W | 14-16 W |
| 1100 lumen | 8-13 W | 75 W | 20-24 W |
| 1600 lumen | 13-15 W | 100 W | 24-32 W |
| 2600 lumen | 21-25 W | 150 W | 30-55 W |

# Colour Rendering Index (CRI) and colour temperature

Colour Rendering Index (CRI) is a measurement of the colour quality of the light produced by a light source. Measured as the degree to which colours of objects under the test lamp conform to those of the same object under a CIE reference illuminant. A total of 14 colours are tested and the results are expressed using the CRI followed by the percentage achieved.
A Colour Rendering Index of 90 or above is required where it is necessary to differentiate between similar colours.

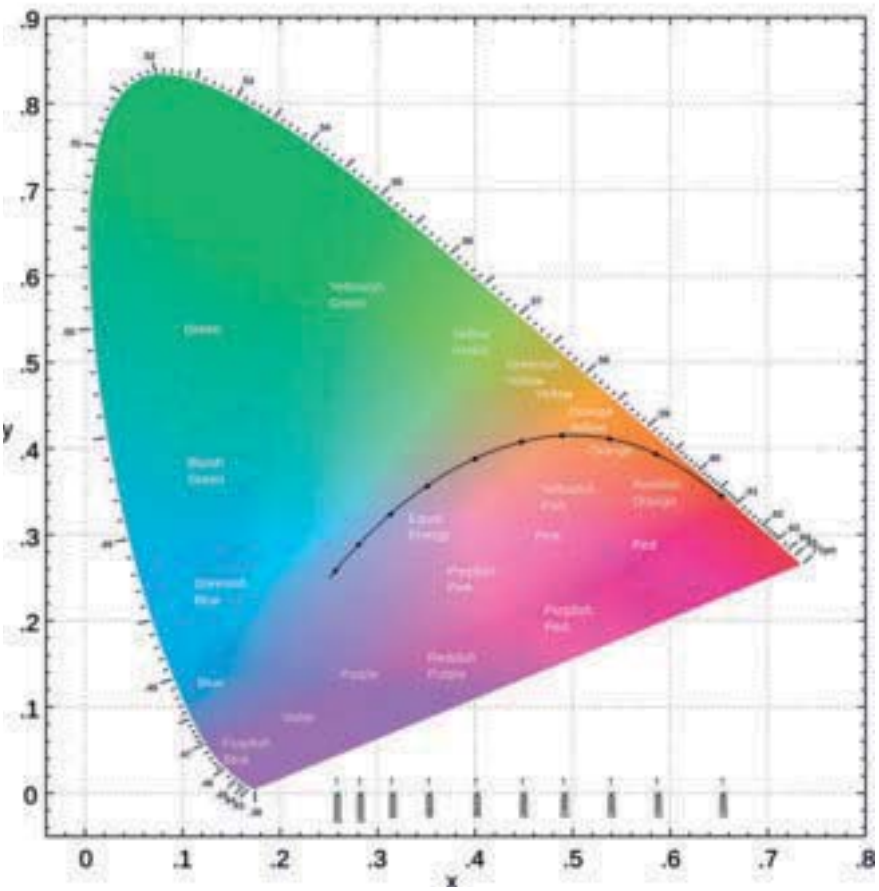
Reggiani's continued research and development in the field of LED lighting has made it possible to select a CRI from 85 to 97. In particular we are able to achieve a particularly high R9 value of >80%.
Ra= >90 (Excellent)
Ra= 80 – 90 (Good)
Ra= <80 (Average)

Colour Temperature is the term used in the lighting industry to specify the colour of the light. Its unit of measurement is Kelvin (K).

The concept of colour temperature must be associated with the temperature reached by a "blackbody radiator", also called the "Planckian Radiator"; as the blackbody radiator heats up, it changes colour, first looking reddish (1000K), then yellowish (2000/3000K), then neutral white (4000K) until it becomes a cool, almost blue light (6000K).

Considering the Colour Temperature and the Colour Rendering Index, Reggiani has selected sources with a colour temperature range of 2700K to 4000K for our interior products and in particular the LED products we offer are designed to exceed the expectations of any comparable traditional lamp.

**C.I.E.** Chromaticity Diagram

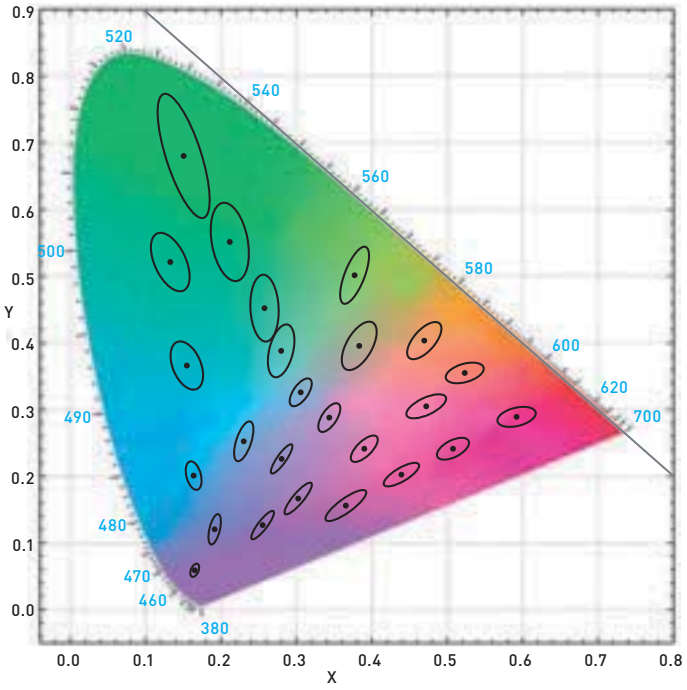


# MacADAM SDMC

For Reggiani, talking about a MacAdam ellipse means expressing new criteria to describe the quality of the colour of light.
The MacAdam technique is used to determine when an observer perceives a substantial difference in the colour being viewed. The system targets a number of difficult colours, each MacAdam ellipse is divided into seven steps called "Standard Deviation of Colour Matching" (SDCM).

A 1 to 3-step MacAdam ellipse deviation is virtually imperceptible to the human eye. Reggiani has decided to use sources expressing a quality of light with a 3-step MacAdam ellipse.

MacAdam elipse

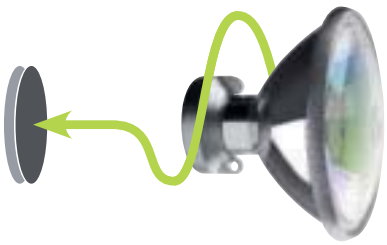


# **IOS** the power of innovation

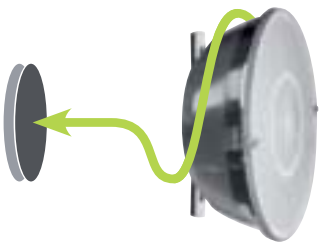
**Reggiani** interprets innovation as a strength connected to the area of knowledge that needs to be managed and directed so that the company can also transfer innovation to its contacts representatives. **Reggiani** research works in carefully selected and ideal directions, not according to pre-set goals. The **Reggiani** modus operandi is system-oriented and needs-based. In this process, innovation and creativity go hand in hand.

**Reggiani** spared no effort in designing and producing **Reggiani IOS, Interchangeable Optical System**: strict inspection and testing leading to international certifications, premium materials, starting from the 99.99% pure aluminium. The **Reggiani IOS System** is completely made from recyclable materials.

The knurled edge makes the reflector easy to grip and attach, and it also comes with a built-in tempered safety glass and a twist-lock fixing system. In the Mira version, the rotation of the reflector on the twist-lock fixing system means the light beam can be adjusted from 0° to 360°.



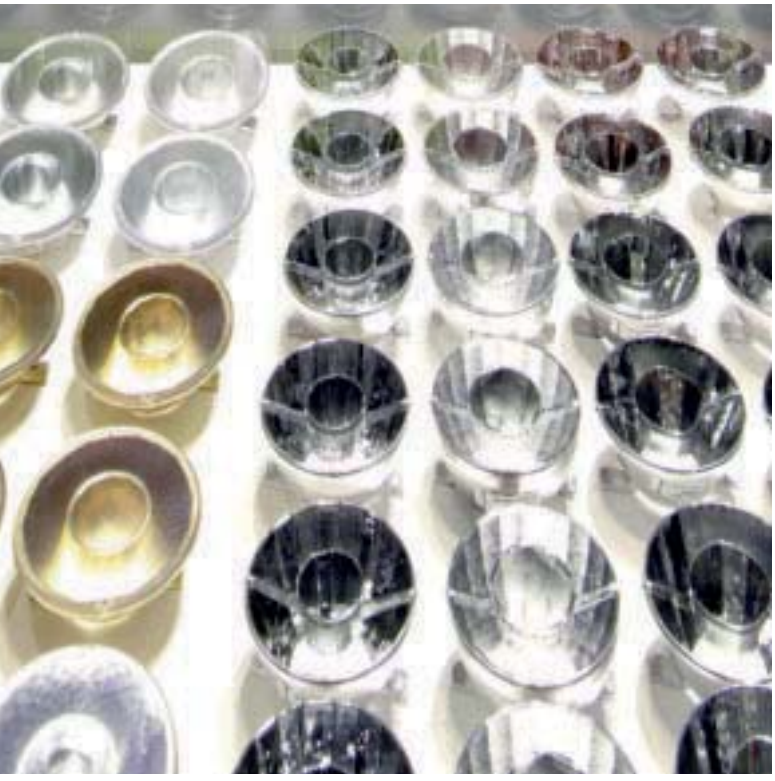
IOS MH system



IOS LED system



# A world where technology means less environmental impact, combined with energy efficiency and freedom of choice



The key element of luminous efficiency is the optics. The fact that the luminaire and the optics can be independent, and that the optics are easily replaceable means it is possible to change the lighting in an environment without replacing the whole luminaire - making it efficient, and at the same time boosting design freedom, rather than restricting it.

**IOS Interchangeable Optical System** is simple, unique and revolutionary.

# IOS a dynamic optical system adaptable to all Reggiani luminaires



PROJECTORS



RECESSED LUMINAIRES



PENDANTS



EXTERIOR LUMINAIRES



IOS SYSTEM



LOWER ENERGY CONSUMPTION

LOWER INSTALLATION COSTS

LOWER INITIAL OUTLAY

LOWER SYSTEM COSTS

REDUCING AIR CONDITIONING COSTS

**FREE TO CHOOSE:** the right light beam for the proper setting



# Reggiani LED Photobiological Risk Group 0

ZERO PHOTOBIOLOGICAL RISK GROUP EN62471

Efficient and safe lighting with no photobiological hazard in compliance with the **EN 62471:2008** safety standard. This describes how to assess products for photobiological risk and sets out categories of risk to the user with instructions on labelling and all related product documents.

The risk groups are defined as:

- **Exempt Group 0** luminaires present no photobiological hazard;
- **Exempt Group 1** luminaires present no hazard due to normal behavioural limitations of a person on exposure to a light source;
- **Exempt Group 2** luminaires present no hazard due to the aversion response to very bright light sources or due to thermal discomfort;
- **Exempt Group 3** luminaires present a hazard even for momentary or brief exposure. Use in general lighting service is not allowed..

| RISK GROUPS | | | |
|---|---|---|---|
| **RISK GROUP 0** (RG0 Exempt Group) | **RISK GROUP 1** (RG1 Low Risk) | **RISK GROUP 2** (RG2 Medium Risk) | **RISK GROUP 3** (RG3 High Risk) |
| no hazard | no hazard due to a limitation of the emission of radiation intrinsic to the product | danger mainly due to thermal and photochemical effects | danger even in the event of short-term and limited exposure |
| •an actinic ultraviolet hazard (Es) within 8-hours exposure (30000 s), nor<br>• a near-UV hazard (EUVA) within 1000 s, (about 16 min) nor<br>• a retinal blue-light hazard (LB) within 10000 s (about 2,8 h), nor<br>• a retinal thermal hazard (LR) within 10 s., nor<br>• an infrared radiation hazard for the eye (EIR) within 1000 s. | • an actinic ultraviolet hazard (Es) within 10000 s, nor<br>• an actinic ultraviolet hazard (EUVA) within 300 s, nor<br>• a retinal blue-light hazard (LB) within 100 s, nor<br>• a retinal thermal hazard (LR) within 10 s, nor<br>• an infrared radiation hazard for the eye (EIR) within 100 s | • an actinic ultraviolet hazard (Es) within 1000 s exposure, nor<br>• an actinic ultraviolet hazard (EUVA) within 100 s, nor<br>• a retinal blue-light hazard (LB) within 0,25 s (aversion response), nor<br>• a retinal thermal hazard (LR) within 0,25 s (aversion response), nor<br>• an infrared radiation hazard for the eye (EIR) within 10 s | • lamps that exceed limits for risk 2 |

# Degree of protection

**IP00**

The international protection code indicated for each luminaire we manufacture (IP followed by two numerical digit) expresses the type of protection we guarantee against contact with live parts (solid particle protection - first digit) and the type of protection that the luminaire enclosure provides against harmful ingress of water (liquid ingress protection – second digit).

| PROTECTION AGAINST THE INGRESS OF SOLID FOREIGN BODIES AND ACCESS TO HAZARDOUS PARTS | |
|---|---|
| IP**0**0 | No protection |
| IP**1**0 | Protection against solid foreign objects >50 mm |
| IP**2**0 | Protection against solid foreign objects >12 mm |
| IP**3**0 | Protection against solid foreign objects >2,5 mm |
| IP**4**0 | Protection against solid foreign objects >1 mm |
| IP**5**0 | Dust-protected and protection against access with wire |
| IP**6**0 | Dust-tight and protection against access with wire |

| PROTECTION AGAINST HARMFUL INGRESS OF WATER | |
|---|---|
| IP0**0** | No protection |
| IP0**1** | Protection against falling water |
| IP0**2** | Protection against falling water when tilted up to 15° |
| IP0**3** | Protection against spraying water |
| IP0**4** | Protection against splashing water |
| IP0**5** | Protection against water jets |
| IP0**6** | Protection against heavy seas |
| IP0**7** | Protection against water immersion |
| IP0**8** | Protection against water submersion |

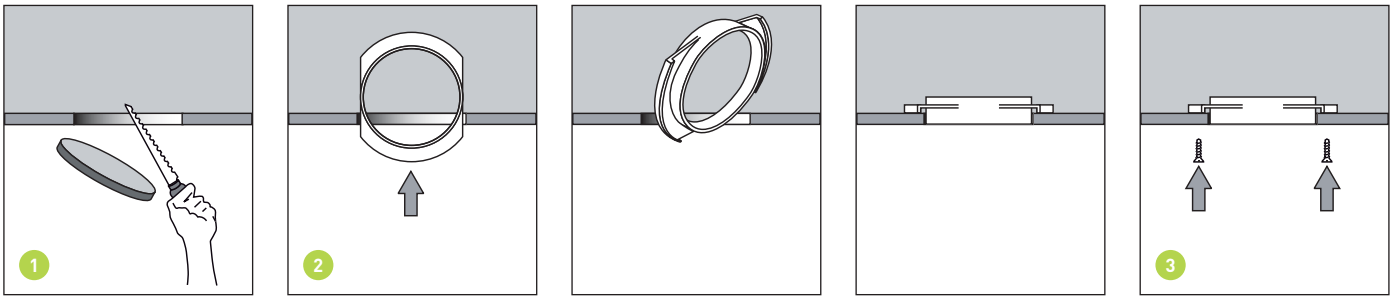
# Protection against external mechanical impacts

**IK 00**

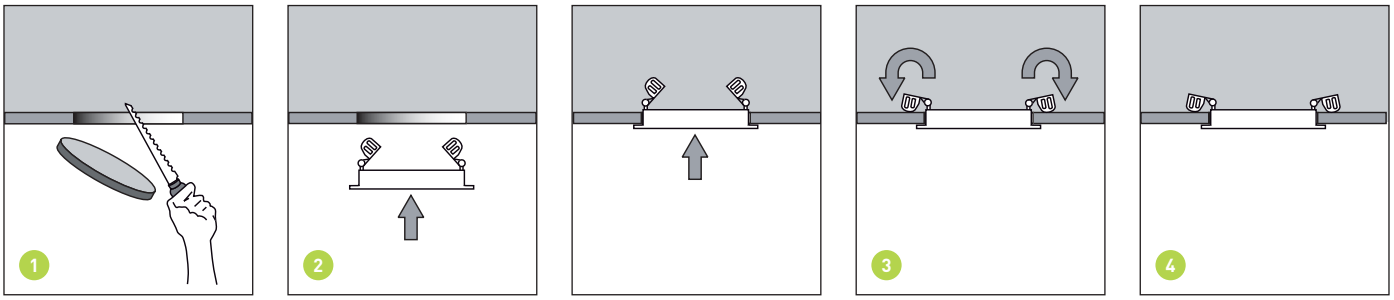
The **IK code**, as per European standard IEC EN 50102 defines and indicates the degrees of protection provided by enclosures for electrical equipment against external mechanical impacts.

| TO STANDARD IEC EN 50102: 1996-05; IEC EN 60068-2-7-5; 1996-05 | |
|---|---|
| IK **00** | No protection |
| IK **01** | Protected against an impact energy of 0,15J, for a drop of 150 g object from 10 cm height |
| IK **02** | Protected against an impact energy of 0,20J, for a drop of 200 g object from 10 cm height |
| IK **03** | Protected against an impact energy of 0,35J, for a drop of 250 g object from 15 cm height |
| IK **04** | Protected against an impact energy of 0,50J, for a drop of 250 g object from 20 cm height |
| IK **05** | Protected against an impact energy of 0,70J, for a drop of 350 g object from 20 cm height |
| IK **06** | Protected against an impact energy of 1J, for a drop of 250 g object from 40 cm height |
| IK **07** | Protected against an impact energy of 2J, for a drop of 0,5 Kg object from 40 cm height |
| IK **08** | Protected against an impact energy of 5J, for a drop of 1,25 Kg object from 40 cm height |
| IK **09** | Protected against an impact energy of 10J, for a drop of 2,5 Kg object from 40 cm height |
| IK **10** | Protected against an impact energy of 20J, for a drop of 5 Kg object from 40 cm height |

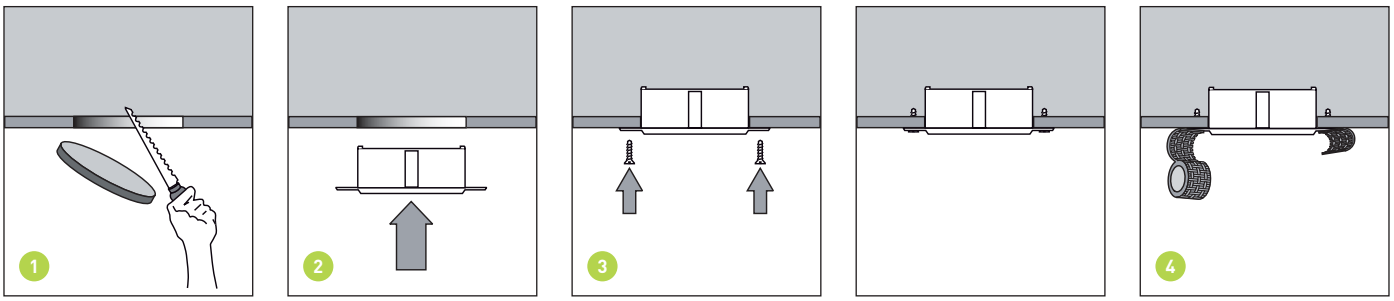
## TRIMLESS INSTALLATION



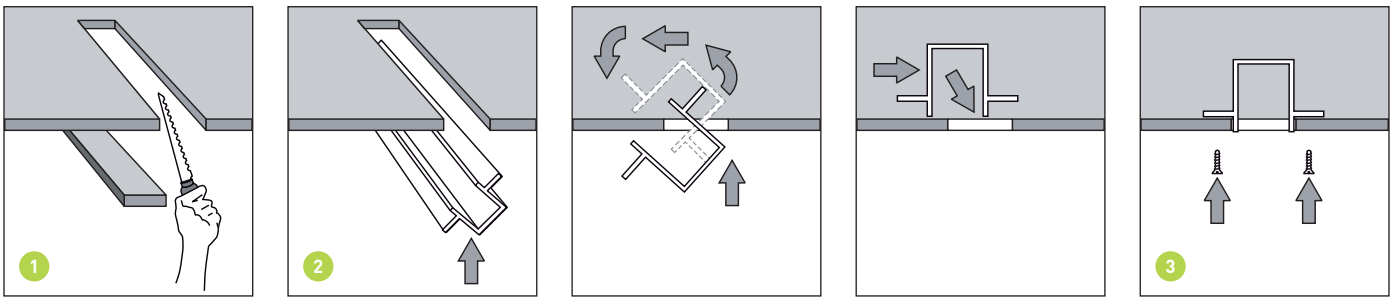

## INSTALLATION WITH BEZEL

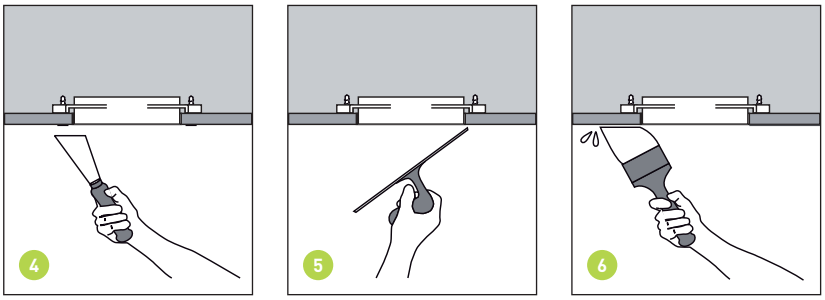



## TRIMLESS INSTALLATION (TRYBECA; SPLYT; YORI)




## TRIMLESS MOUNTING RAIL INSTALLATION (YORI)






↘**1** Cut out hole to the required Ø.

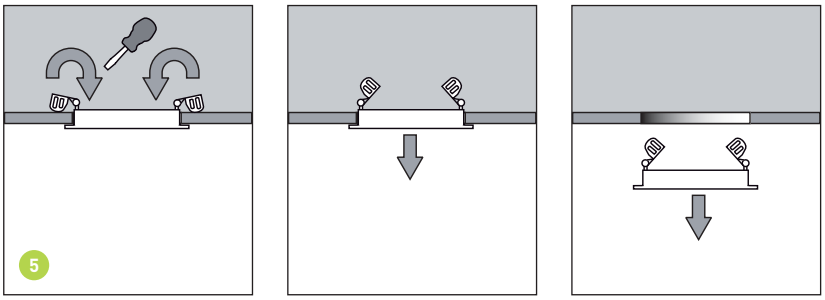
↘**2** Insert support.

↘**3** Fix support with self-tapping screws.

↘**4** Apply plaster/fine mortar.

↘**5** Smooth.

↘**6** Paint.



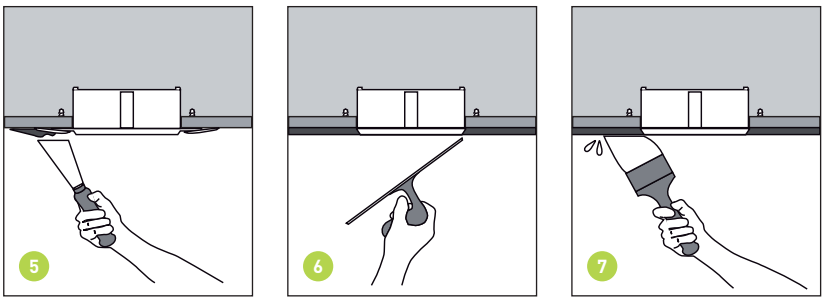

↘**1** Cut out hole to the required Ø.

↘**2** Insert frame into hole.

↘**3** Fix frame to the cut-out using ClikFix clips.

↘**4** To remove frame.

↘**5** Use a flathead screwdriver to lift up the ClikFix clips.




↘**1** Cut out hole to the required Ø.

↘**2** Insert support.

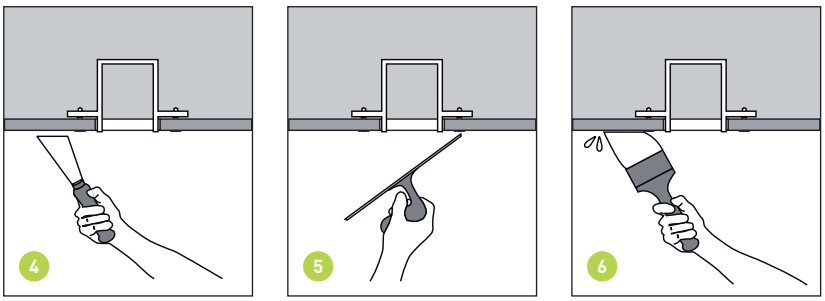
↘**3** Fix support with self-tapping screws.

↘**4** Apply fibreglass adhesive tape to the outer edge of the frame.

↘**5** Apply plaster/fine mortar.

↘**6** Smooth.

↘**7** Paint.




↘**1** Cut out hole to the required Ø.

↘**2** Insert support.

↘**3** Fix support with self-tapping screws.

↘**4** Apply plaster/fine mortar.

↘**5** Smooth.

↘**6** Paint.

# Driver compatibility with home automation systems

Light has always played a leading role in life, our surroundings are enhanced by light.

Thanks to the compatibility of the control gear, Reggiani luminaires can be easily integrated with the most common smart management systems for lighting.

| DRIVER | | | |
|---|---|---|---|
| ON/OFF | DALI | CUT PHASE | DIM 1/10 |
| ON/OFF | DALI | PHASE-CUT | DIMMING 1-10V |
| 220/240V driver | (198-265V) driver with DALI dimming protocol to dim luminaires separately or together (luminous intensity adjustment from 100% to 5%) and to digitally switch them on/off. Stand-by mode (consumption <0.3W) | (120-240V AC/DC) driver with electronic trailing edge phase-cut dimmer adopting MOS technology and with a minimum load of 5 Watts | (120-240V AC/DC) driver with 1-10V analogue dimmer or dimmable simply with a potentiometer. Luminous intensity adjustment from 100% to 5% |

# Hospitality/Residential



Project by Victor Vasilev

Lighting design selection to create the best ambience and atmosphere, presence detection and balancing of natural and artificial light.
Integration with the room management system.
Managing light from a single hotel room through to integrated lighting for the whole building.

- Reception
- Restaurant
- Guestroom
- Hallway
- Living area

# Retail



New Look – Westfield – UK

Automated control to save energy.
Lighting design selection to create the best ambience and atmosphere for customers, presence detection and balancing of natural and artificial light.

- Shopping centres
- Stores
- Showrooms
- Warehouses
- Supermarkets

# Museum/Worship



Nedbalka gallery – Bratislava - Slovakia

Setting the perfect lighting levels with presence detectors and balancing natural and artificial light or planning a range of lighting design solutions.

- Theatres
- Museums
- Art galleries
- Churches
- Places of worship

# Key to symbols, abbreviations and definitions

**1 family**
**2 light source**
**3 luminaire model**
**4 symbols type of installation**
**5 finishes**
**6 photo of luminaire**
**7 technical drawing of luminaire**
**8 symbols of luminaire**

MM mark
suitable for installation on furniture

SELV Safety Extra Low Voltage

insulation: class 1
the luminaires are protected by basic insulation and any metal parts that may be exposed to electric current are also connected to the protective earthing conductor, in case the basic insulation fails

insulation: class 2
the luminaires are provided with double insulation and do not rely on earthing to protect the exposed metal parts

insulation: class 3
the luminaires are protected against electric shock by Safety Extra Low Voltage (SELV) power supply; they do not generate voltages higher than SELV. Class III luminaires must not be connected to earth

**9 symbols for accessories**

**10 certifications**

CE marking
certifies that the CE marked product manufacturer or importer complies with the low voltage directive and the electromagnetic compatibility directive (EMCD)

cETLus mark (USA/CANADA)

UL mark (USA)

Gost mark

CCC mark (China)

EN EC mark

SASO (Arab countries)

**11 power (Watts)**
**12 driver**

**Ø** non-dimmable driver (220/240V)

**D** driver (198-265V) with DALI dimming protocol to dim luminaires separately or together (luminous intensity adjustment from 100% to 5%) and to digitally switch them on/off. Stand-by mode (consumption <0.3W)

**T** driver (120-240V AC/DC) with electronic trailing edge phase-cut dimmer adopting MOS technology and with a minimum load of 5 Watts

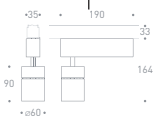
**V** driver (120-240V AC/DC) with 1-10V analogue dimmer or dimmable simply with a potentiometer. Luminous intensity adjustment from 100% to 5%

**13 optics/light beam**
**14 LED type**
**15 configurable order number**

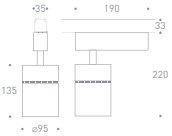
YORI | LED |

## Proiettore per binario a 3 accensioni








IP20 | IOS | 850° | 90° | 356° | g 558 | NO

10 W | LED

1000 lm

| codice driver | codice corpo | codice ottica | codice lumen | codice finitura |
|---|---|---|---|---|
| Ø / T | TD92 | IOS LL1: 1 15° · 2 29° · 3 47° · K senza ottica | HQ 873 3000 93 · WW 1044 3000 83 · NN 1166 4000 97 (lumen nominale, K, CRI) | 12 · 31 |

esempio configurazione: Ø, TD92, 1, HQ, 12

I prezzi si intendono comprensivi di:
codice driver, codice corpo, codice ottica, codice lumen, codice finitura.

IP20 | IOS | 850° | 90° | 356° | g 1178 | NO

13 W | LED

1500 lm

| codice driver | codice corpo | codice ottica | codice lumen | codice finitura |
|---|---|---|---|---|
| Ø / T | TD93 | IOS LL2: A 11° · B 15° · C 21° · D 29° · E 51° · F Mira · K senza ottica | HQ 1221 3000 92 · WW 1500 3000 82 · NN 1661 4000 81 (lumen nominale, K, CRI) | 12 · 31 |

esempio configurazione: Ø, TD93, A, HQ, 12

22 W | LED

2500 lm

| codice driver | codice corpo | codice ottica | codice lumen | codice finitura |
|---|---|---|---|---|
| Ø / T | TD95 | IOS LL2: A 11° · B 15° · C 21° · D 29° · E 51° · F Mira · K senza ottica | HQ 2038 3000 93 · WW 2650 3000 82 · NN 2759 4000 83 (lumen nominale, K, CRI) | 12 · 31 |

esempio configurazione: Ø, TD95, A, HQ, 12

I prezzi si intendono comprensivi di:
codice driver, codice corpo, codice ottica, codice lumen, codice finitura.

IOS | IOS FOOD | 3 HOUR

Accessori vedi pag. [000].
Dati fotometrici vedi pag. [000].

IOS | IOS FOOD | 3 HOUR

Accessori vedi pag. [000].
Dati fotometrici vedi pag. [000].

CE

*certificazione in fase di approvazione

www.reggiani.net

02

# Lighting systems


**Trybeca** **054 -067**
Recessed luminaires 056 -067

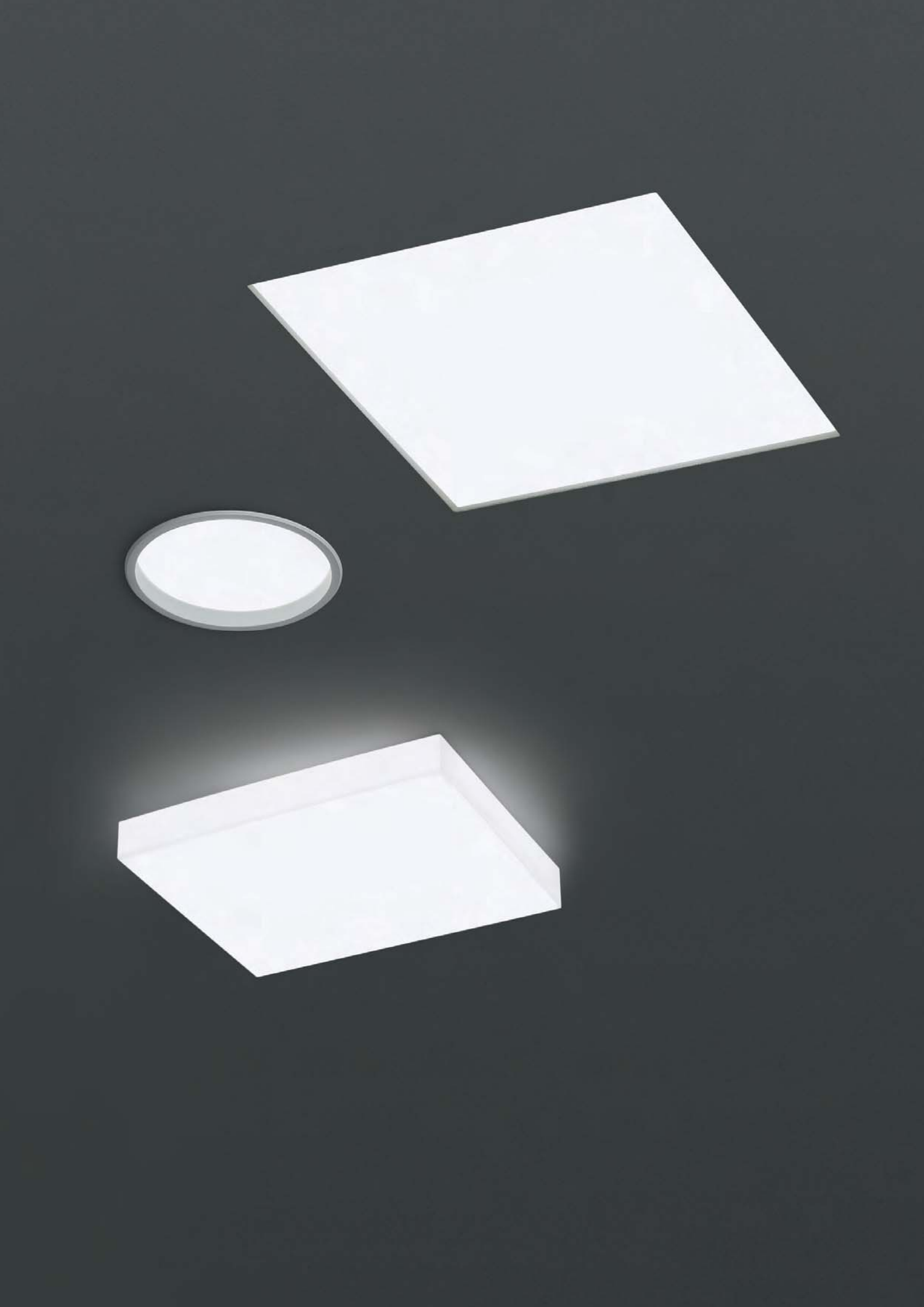
**Yori** **068 -125**
Track mounting 070 -074
Rail-mounted 075 -077
Extendable arm 078 -080
Ceiling-mounted 081 -083
Semi-recessed 084 -086
Recessed 087 -110
Yori kit 111 -114
Components 115 -125

**Splyt** **126 -133**
Track-mounted 128
Surface-mounted 129
Semi-recessed 130 -131
Wall-mounted 132

**Mosaico Easy IOS** **134 -155**

**Miled** **156 -169**
Recessed luminaires 156 -169

**Cyled** **170 -175**
Projector 170 -175

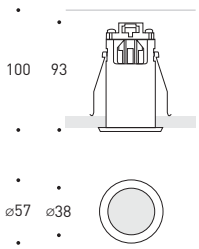


# TRYBECA SYSTEM

## Round fixed recessed projector (with bezel or trimless) and remote driver

12 31






IP20 IP44 | 850° | g 205 | ø 49

3 W — 375 lm

| LED | driver reference | optics reference | beam width ⟷ | ↑ | ↓ | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|---|
| | Ø | BCØAØ | 110° | 66° | 152° | HW | 266 | 2700 | >90 | 12 |
| | | | | | | HQ | 310 | 3000 | >90 | 31 |
| | | | | | | WW | 350 | 3000 | >85 | |
| | | | | | | NN | 375 | 4000 | >85 | |

spacers (pg. 067)

| possible configuration | Ø . BCØAØ . HQ 12 |
|---|---|

Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.



flush ⟷ 0 mm

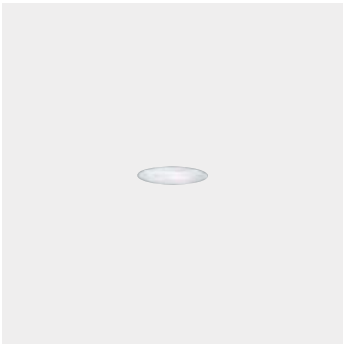


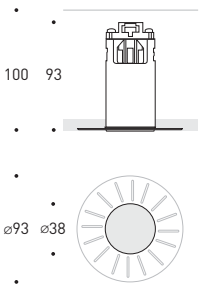
recessed ↑ -15 mm



drop ↓ 15 mm

Accessories (pg. 067).
Photometric data (pg. 742).






IP20 IP44 | 850° | g 214 | ø 47

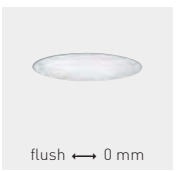
3 W — 375 lm

| LED | driver reference | optics reference | beam width ⟷ | ↑ | ↓ | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|---|
| | Ø | CCØAØ | 110° | 66° | 152° | HW | 266 | 2700 | >90 | 12 |
| | | | | | | HQ | 310 | 3000 | >90 | 31 |
| | | | | | | WW | 350 | 3000 | >85 | |
| | | | | | | NN | 375 | 4000 | >85 | |

spacers (pg. 067)

| possible configuration | Ø . CCØAØ . HQ 12 |
|---|---|

Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.



flush ⟷ 0 mm



recessed ↑ -15 mm



drop ↓ 15 mm

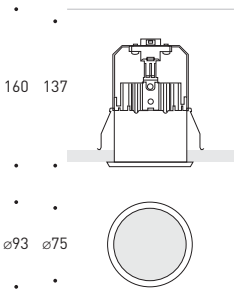
Accessories (pg. 067).
Photometric data (pg. 742).

REGGIANI

## Round fixed recessed projector (with bezel or trimless) and remote driver

12 31






IP20 IP44 | 850° | g 442 | ø 85

**6 W** — **700 lm**

| LED | driver reference | optics reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | | BCØBØ | 106° 96° 142° | HW | 450 | 2700 | >90 | 12 |
| V | | | | HQ | 570 | 3000 | >90 | 31 |
| D | | | | WW | 650 | 3000 | >85 | |
| T | | | | NN | 700 | 4000 | >85 | |

spacers (pg. 067)

possible configuration: Ø . BCØBØ . HQ . 12

**8 W** — **975 lm**

| LED | driver reference | optics reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | | BCØCØ | 106° 96° 142° | HW | 637 | 2700 | >90 | 12 |
| V | | | | HQ | 765 | 3000 | >90 | 31 |
| D | | | | WW | 880 | 3000 | >85 | |
| T | | | | NN | 975 | 4000 | >85 | |

spacers (pg. 067)

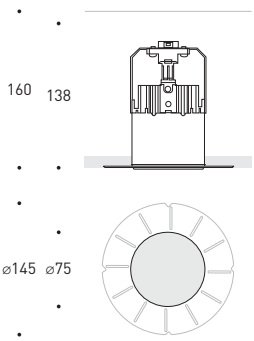
possible configuration: Ø . BCØCØ . HQ . 12

Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.

WARM DIMMING VERSIONS (DT 3000/2000K CRI>90) AVAILABLE ON REQUEST.

Accessories (pg. 067).
Photometric data (pg. 743).






IP20 IP44 | 850° | g 415 | ø 85

**6 W** — **700 lm**

| LED | driver reference | optics reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | | CCØBØ | 106° 96° 142° | HW | 450 | 2700 | >90 | 12 |
| V | | | | HQ | 570 | 3000 | >90 | 31 |
| D | | | | WW | 650 | 3000 | >85 | |
| T | | | | NN | 700 | 4000 | >85 | |

spacers (pg. 067)

possible configuration: Ø . CCØBØ . HQ . 12

**8 W** — **975 lm**

| LED | driver reference | optics reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | | CCØCØ | 106° 96° 142° | HW | 637 | 2700 | >90 | 12 |
| V | | | | HQ | 765 | 3000 | >90 | 31 |
| D | | | | WW | 880 | 3000 | >85 | |
| T | | | | NN | 975 | 4000 | >85 | |

spacers (pg. 067)

possible configuration: Ø . CCØCØ . HQ . 12

Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.

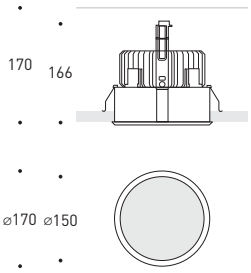
WARM DIMMING VERSIONS (DT 3000/2000K CRI>90) AVAILABLE ON REQUEST.

Accessories (pg. 067).
Photometric data (pg. 743).

## Round fixed recessed projector (with bezel or trimless) and remote driver

12 31






IP20 IP44 | 850° | g 1041 | ø 162

12 W*
24 W*

1460 lm
2565 lm

| LED | driver reference | optics reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| | | | ⟷ ↑ ↓ | | | | | |
| Ø | | BCØEØ | 106° 108° 104° 120° | HW | 971 1637 | 2700 | >90 | 12 31 |
| V | | | | HQ | 1155 2030 | 3000 | >90 | |
| D | | | spacers (pg. 067) | WW | 1320 2470 | 3000 | >85 | |
| T | | | | NN | 1460 2565 | 4000 | >85 | |
| possible configuration | | | | Ø, BCØEØ, HQ, 12 | | | | |

Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.

Warm dimming versions (DT 3000/2000K CRI>90) available on request.

[*] Variable luminous flux thanks to the "switchable" driver that can be used during installation to select the LED power: 350 or 700mA, allowing for two alternatives in both light output and power consumption.



flush ⟷ 0 mm



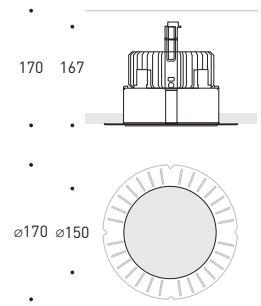
recessed ↑ -15 mm



drop ↓ 24 mm

Accessories (pg. 067).
Photometric data (pg. 745-746).






IP20 IP44 | 850° | g 1060 | ø 162

12 W*
24 W*

1460 lm
2565 lm

| LED | driver reference | optics reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| | | | ⟷ ↑ ↓ | | | | | |
| Ø | | CCØEØ | 106° 108° 104° 120° | HW | 971 1637 | 2700 | >90 | 12 31 |
| V | | | | HQ | 1155 2030 | 3000 | >90 | |
| D | | | spacers (pg. 067) | WW | 1320 2470 | 3000 | >85 | |
| T | | | | NN | 1460 2565 | 4000 | >85 | |
| possible configuration | | | | Ø, CCØEØ, HQ, 12 | | | | |

Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.

Warm dimming versions (DT 3000/2000K CRI>90) available on request.

[*] Variable luminous flux thanks to the "switchable" driver that can be used during installation to select the LED power: 350 or 700mA, allowing for two alternatives in both light output and power consumption.



flush ⟷ 0 mm



recessed ↑ -15 mm



drop ↓ 24 mm

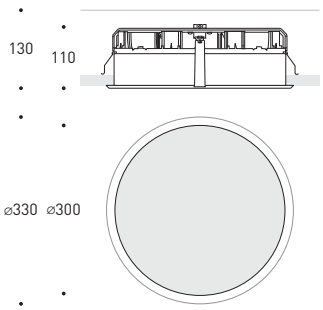
Accessories (pg. 067).
Photometric data (pg. 745-746).

REGGIANI

## Round fixed recessed projector (with bezel or trimless) and remote driver

12 31






IP20 IP44 | 850° | g 2024 | ø 313

33 W

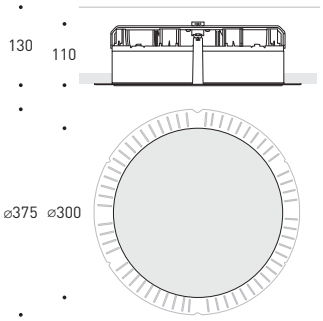
| LED | driver reference | optics reference | beam width ⟷ 110° | ↑ 106° | ↓ 116° | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|---|
| | Ø | BCØLØ | | | | HW | 2797 | 2700 | >90 | 12 |
| | | | | | | HQ | 3360 | 3000 | >90 | 31 |
| | V | | | | | WW | 3818 | 3000 | >80 | |
| | D | | spacers (pg. 067) | | | NN | 4096 | 4000 | >80 | |

4096 lm

| possible configuration | Ø · BCØLØ · HQ · 12 |
|---|---|

Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.






IP20 IP44 | 850° | g 1093 | ø 313

33 W

| LED | driver reference | optics reference | beam width ⟷ 110° | ↑ 106° | ↓ 116° | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|---|
| | Ø | CCØLØ | | | | HW | 2797 | 2700 | >90 | 12 |
| | | | | | | HQ | 3360 | 3000 | >90 | 31 |
| | V | | | | | WW | 3818 | 3000 | >80 | |
| | D | | spacers (pg. 067) | | | NN | 4096 | 4000 | >80 | |

4096 lm

| possible configuration | Ø · CCØLØ · HQ · 12 |
|---|---|

Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.


flush ⟷ 0 mm


recessed ↑ -25 mm


drop ↓ 24 mm



Accessories (pg. 067).
Photometric data (pg. 747).


flush ⟷ 0 mm


recessed ↑ -25 mm

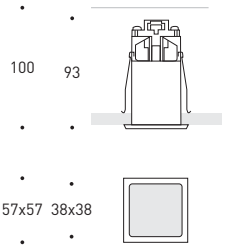

drop ↓ 24 mm



Accessories (pg. 067).
Photometric data (pg. 747).

## Square fixed recessed projector (with bezel or trimless) and remote driver






IP20 IP44 | 850° | g 224 | f 49x49

**3 W** — **375 lm**

| LED | driver reference | optics reference | beam width ⟷ | ↑ | ↓ | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|---|
| | Ø | DCØAØ | 110° | 66° | 152° | HW | 266 | 2700 | >90 | 12 |
| | | | | | | HQ | 310 | 3000 | >90 | 31 |
| | | | | | | WW | 350 | 3000 | >85 | |
| | | | | | | NN | 375 | 4000 | >85 | |

spacers (pg. 067)

| possible configuration | Ø . DCØAØ . HQ . 12 |
|---|---|

Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.

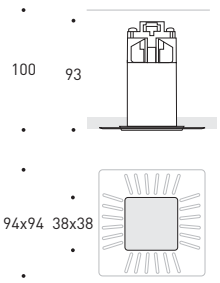

flush ⟷ 0 mm


recessed ↑ -15 mm


drop ↓ 15 mm

Accessories (pg. 067).
Photometric data (pg. 748).






IP20 IP44 | 850° | g 238 | f 47x47

**3 W** — **375 lm**

| LED | driver reference | optics reference | beam width ⟷ | ↑ | ↓ | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|---|
| | Ø | FCØAØ | 110° | 66° | 152° | HW | 266 | 2700 | >90 | 12 |
| | | | | | | HQ | 310 | 3000 | >90 | 31 |
| | | | | | | WW | 350 | 3000 | >85 | |
| | | | | | | NN | 375 | 4000 | >85 | |

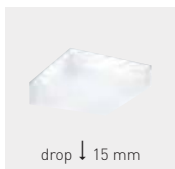
spacers (pg. 067)

| possible configuration | Ø . FCØAØ . HQ . 12 |
|---|---|

Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.


flush ⟷ 0 mm


recessed ↑ -15 mm


drop ↓ 15 mm

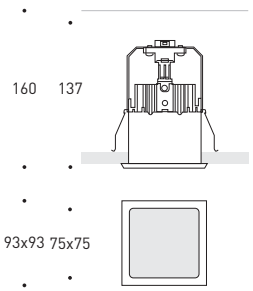
Accessories (pg. 067).
Photometric data (pg. 748).

REGGIANI

## Square fixed recessed projector (with bezel or trimless) and remote driver

12 31






IP20 IP44 | 850° | g 450 | 85x85

### 6 W – 700 lm

| LED | driver reference | optics reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | DCØBØ | 106° 96° 142° | HW | 450 | 2700 | >90 | 12 |
| V | | | HQ | 570 | 3000 | >90 | 31 |
| D | | | WW | 650 | 3000 | >85 | |
| T | | | NN | 700 | 4000 | >85 | |

spacers (pg. 067)

possible configuration: Ø . DCØBØ . HQ . 12

### 8 W – 975 lm

| LED | driver reference | optics reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | DCØCØ | 106° 96° 142° | HW | 637 | 3000 | >90 | 12 |
| V | | | HQ | 765 | 3000 | >90 | 31 |
| D | | | WW | 880 | 3000 | >85 | |
| T | | | NN | 975 | 4000 | >85 | |

spacers (pg. 067)

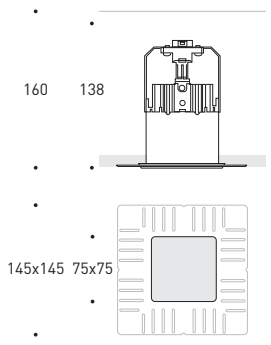
possible configuration: Ø . DCØCØ . HQ . 12

Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.

WARM DIMMING VERSIONS (DT 3000/2000K CRI>90) AVAILABLE ON REQUEST.

Accessories (pg. 067).
Photometric data (pg. 749-750).






IP20 IP44 | 850° | g 450 | 85x85

### 6 W – 700 lm

| LED | driver reference | optics reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | FCØBØ | 106° 96° 142° | HW | 450 | 2700 | >90 | 12 |
| V | | | HQ | 570 | 3000 | >90 | 31 |
| D | | | WW | 650 | 3000 | >85 | |
| T | | | NN | 700 | 4000 | >85 | |

spacers (pg. 067)

possible configuration: Ø . FCØBØ . HQ . 12

### 8 W – 975 lm

| LED | driver reference | optics reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | FCØCØ | 106° 96° 142° | HW | 637 | 3000 | >90 | 12 |
| V | | | HQ | 765 | 3000 | >90 | 31 |
| D | | | WW | 880 | 3000 | >85 | |
| T | | | NN | 975 | 4000 | >85 | |

spacers (pg. 067)

possible configuration: Ø . FCØCØ . HQ . 12

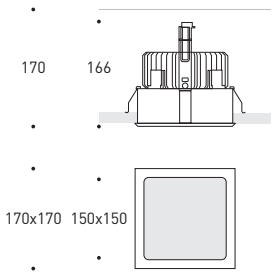
Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.

WARM DIMMING VERSIONS (DT 3000/2000K CRI>90) AVAILABLE ON REQUEST.

Accessories (pg. 067).
Photometric data (pg. 749-750).

## Square fixed recessed projector (with bezel or trimless) and remote driver






IP20 IP44 | 850° | g 1144 | 161x161

12 W*
24 W*

1460 lm
2565 lm

| LED | driver reference | optics reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | | DCØEØ | 106° 108° ⟷ 104° ↑ 120° ↓ | HW | 971 1637 | 2700 | >90 | 12 31 |
| V | | | | HQ | 1155 2030 | 3000 | >90 | |
| D | | | | WW | 1320 2470 | 3000 | >85 | |
| T | | | spacers (pg. 067) | NN | 1460 2565 | 4000 | >85 | |
| possible configuration | | | | Ø, DCØEØ, HQ, 12 | | | | |

Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.

Warm dimming versions (DT 3000/2000K CRI>90) available on request.

[*] Variable luminous flux thanks to the "switchable" driver that can be used during installation to select the LED power: 350 or 700mA, allowing for two alternatives in both light output and power consumption.



flush ⟷ 0 mm



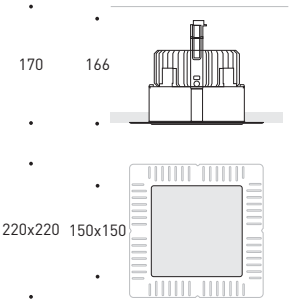
recessed ↑ -15 mm



drop ↓ 24 mm

Accessories (pg. 067).
Photometric data (pg. 751-752).






IP20 IP44 | 850° | g 1148 | 161x161

12 W*
24 W*

1460 lm
2565 lm

| LED | driver reference | optics reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | | FCØEØ | 106° 108° ⟷ 104° ↑ 120° ↓ | HW | 971 1637 | 2700 | >90 | 12 31 |
| V | | | | HQ | 1155 2030 | 3000 | >90 | |
| D | | | | WW | 1320 2470 | 3000 | >85 | |
| T | | | spacers (pg. 067) | NN | 1460 2565 | 4000 | >85 | |
| possible configuration | | | | Ø, FCØEØ, HQ, 12 | | | | |

Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.

Warm dimming versions (DT 3000/2000K CRI>90) available on request.

[*] Variable luminous flux thanks to the "switchable" driver that can be used during installation to select the LED power: 350 or 700mA, allowing for two alternatives in both light output and power consumption.



flush ⟷ 0 mm



recessed ↑ -15 mm



drop ↓ 24 mm

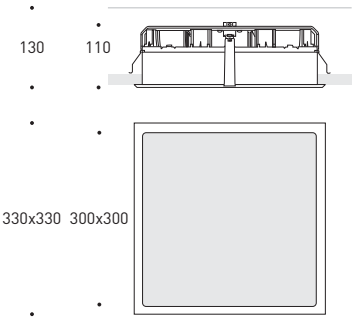
Accessories (pg. 067).
Photometric data (pg. 751-752).

REGGIANI

## Square fixed recessed projector (with bezel or trimless) and remote driver

12 31






IP20 IP44 | 850° | g 2252 | 313x313

**32 W** — **4105 lm**

| LED | driver reference | optics reference | beam width | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|
| | | | ⟷ 110° ↑ 106° ↓ 116° | | nom. lm | K | CRI | |
| Ø | | DCØLØ | | HW | 2913 | 2700 | >90 | 12 |
| V | | | | HQ | 3500 | 3000 | >90 | 31 |
| D | | | | WW | 4012 | 3000 | >80 | |
| | | | spacers (pg. 067) | NN | 4105 | 4000 | >80 | |

| possible configuration | Ø · DCØLØ · HQ · 12 |
|---|---|

Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.



flush ⟷ 0 mm



recessed ↑ -25 mm

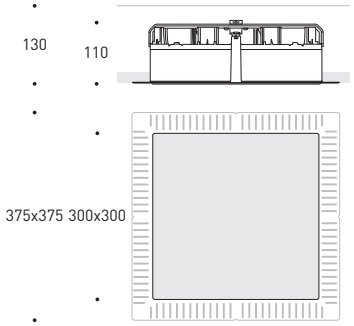


drop ↓ 24 mm



Accessories (pg. 067).
Photometric data (pg. 753).






IP20 IP44 | 850° | g 2176 | 313x313

**32 W** — **4106 lm**

| LED | driver reference | optics reference | beam width | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|
| | | | ⟷ 110° ↑ 106° ↓ 116° | | nom. lm | K | CRI | |
| Ø | | FCØLØ | | HW | 2913 | 2700 | >90 | 12 |
| V | | | | HQ | 3500 | 3000 | >90 | 31 |
| D | | | | WW | 4012 | 3000 | >80 | |
| | | | spacers (pg. 067) | NN | 4105 | 4000 | >80 | |

| possible configuration | Ø · FCØLØ · HQ · 12 |
|---|---|

Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.



flush ⟷ 0 mm



recessed ↑ -25 mm



drop ↓ 24 mm

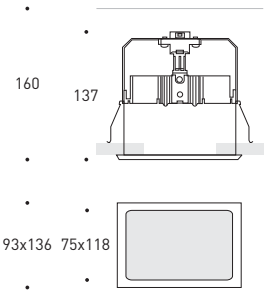


Accessories (pg. 067).
Photometric data (pg. 753).

## Rectangular fixed recessed projector (with bezel or trimless) and remote driver

12 31






IP20 IP44 | 850° | g 503 | 85x127

**6 W** — **700 lm**

| LED | driver reference | optics reference | beam width ⟷ 106° | ↑ 96° | ↓ 142° | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|---|
| | Ø | GCØBØ | | | | HW | 450 | 2700 | >90 | 12 |
| | V | | | | | HQ | 570 | 3000 | >90 | 31 |
| | D | | | | | WW | 650 | 3000 | >85 | |
| | T | | | | | NN | 700 | 4000 | >85 | |

spacers (pg. 067)

possible configuration: Ø . GCØBØ . HQ 12

**8 W** — **975 lm**

| LED | driver reference | optics reference | beam width ⟷ 106° | ↑ 96° | ↓ 142° | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|---|
| | Ø | GCØCØ | | | | HW | 637 | 2700 | >90 | 12 |
| | V | | | | | HQ | 765 | 3000 | >90 | 31 |
| | D | | | | | WW | 880 | 3000 | >85 | |
| | T | | | | | NN | 975 | 4000 | >85 | |

spacers (pg. 067)

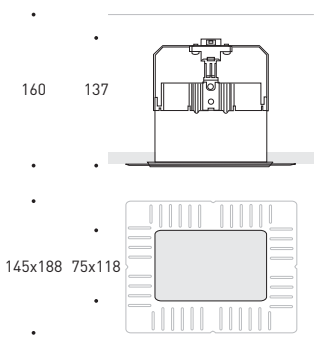
possible configuration: Ø . GCØCØ . HQ 12

Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.

WARM DIMMING VERSIONS (DT 3000/2000K CRI>90) AVAILABLE ON REQUEST.

Accessories (pg. 067).
Photometric data (pg. 754-755).






IP20 IP44 | 850° | g 501 | 85x127

**6 W** — **700 lm**

| LED | driver reference | optics reference | beam width ⟷ 106° | ↑ 96° | ↓ 142° | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|---|
| | Ø | HCØBØ | | | | HW | 450 | 2700 | >90 | 12 |
| | V | | | | | HQ | 570 | 3000 | >90 | 31 |
| | D | | | | | WW | 650 | 3000 | >85 | |
| | T | | | | | NN | 700 | 4000 | >85 | |

spacers (pg. 067)

possible configuration: Ø . HCØBØ . HQ 12

**8 W** — **975 lm**

| LED | driver reference | optics reference | beam width ⟷ 106° | ↑ 96° | ↓ 142° | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|---|
| | Ø | HCØCØ | | | | HW | 637 | 2700 | >90 | 12 |
| | V | | | | | HQ | 765 | 3000 | >90 | 31 |
| | D | | | | | WW | 880 | 3000 | >85 | |
| | T | | | | | NN | 975 | 4000 | >85 | |

spacers (pg. 067)

possible configuration: Ø . HCØCØ . HQ 12

Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.

WARM DIMMING VERSIONS (DT 3000/2000K CRI>90) AVAILABLE ON REQUEST.

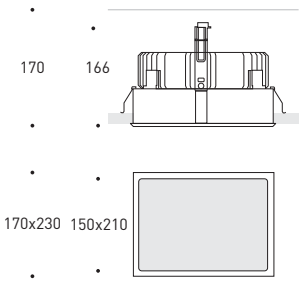
Accessories (pg. 067).
Photometric data (pg. 754-755).

REGGIANI

## Rectangular fixed recessed projector (with bezel or trimless) and remote driver

12 31






IP20 IP44 | 850° | g 1170 | 161x220

12 W*
24 W*

1460 lm
2565 lm

| LED | driver reference | optics reference | beam width ⟷ ↑ ↓ | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | | GCØEØ | 106° 108° 104° 120° | HW | 971 1637 | 2700 | >90 | 12 31 |
| V | | | | HQ | 1155 2030 | 3000 | >90 | |
| D | | | spacers (pg. 067) | WW | 1320 2470 | 3000 | >85 | |
| T | | | | NN | 1460 2565 | 4000 | >85 | |
| possible configuration | | | | Ø, GCØEØ, HQ, 12 | | | | |

Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.

WARM DIMMING VERSIONS (DT 3000/2000K CRI>90) AVAILABLE ON REQUEST.

[*] Variable luminous flux thanks to the "switchable" driver that can be used during installation to select the LED power: 350 or 700mA, allowing for two alternatives in both light output and power consumption.


flush ⟷ 0 mm

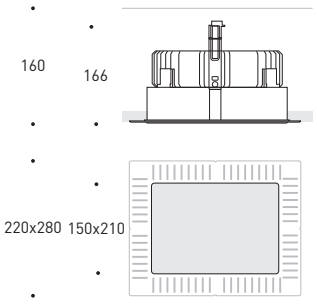

recessed ↑ -15 mm


drop ↓ 24 mm



Accessories (pg. 067).
Photometric data (pg. 756-757).






IP20 IP44 | 850° | g 1152 | 161x220

12 W*
24 W*

1460 lm
2565 lm

| LED | driver reference | optics reference | beam width ⟷ ↑ ↓ | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | | HCØEØ | 106° 108° 104° 120° | HW | 971 1637 | 2700 | >90 | 12 31 |
| V | | | | HQ | 1155 2030 | 3000 | >90 | |
| D | | | spacers (pg. 067) | WW | 1320 2470 | 3000 | >85 | |
| T | | | | NN | 1460 2565 | 4000 | >85 | |
| possible configuration | | | | Ø, HCØEØ, HQ, 12 | | | | |

Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.

WARM DIMMING VERSIONS (DT 3000/2000K CRI>90) AVAILABLE ON REQUEST.

[*] Variable luminous flux thanks to the "switchable" driver that can be used during installation to select the LED power: 350 or 700mA, allowing for two alternatives in both light output and power consumption.


flush ⟷ 0 mm


recessed ↑ -15 mm


drop ↓ 24 mm

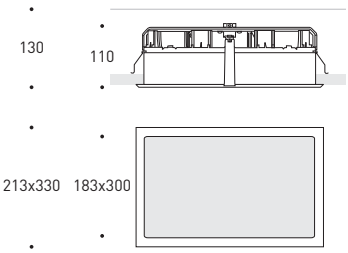


Accessories (pg. 067).
Photometric data (pg. 756-757).

## Rectangular fixed recessed projector (with bezel or trimless) and remote driver

12 31






IP20 IP44 | 850° | g 1826 | 194x313

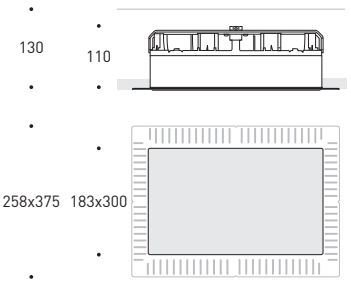
21 W — 2613 lm

| LED | driver reference | optics reference | beam width | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|
| | | | ⟷ 110° | ↑ 106° | ↓ 116° | nom. lm | K | CRI | |
| Ø | | GCØFØ | | | | HW | 1789 | 2700 | >90 | 12 |
| | | | | | | HQ | 2150 | 3000 | >90 | 31 |
| V | | | | | | WW | 2436 | 3000 | >80 | |
| | | | | | | NN | 2613 | 4000 | >80 | |
| D | | | spacers (pg. 067) | | | | | | | |

| possible configuration | Ø . GCØFØ . HQ . 12 |
|---|---|

Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.






IP20 IP44 | 850° | g 1740 | 194x313

21 W — 2613 lm

| LED | driver reference | optics reference | beam width | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|
| | | | ⟷ 110° | ↑ 106° | ↓ 116° | nom. lm | K | CRI | |
| Ø | | HCØFØ | | | | HW | 1789 | 2700 | >90 | 12 |
| | | | | | | HQ | 2150 | 3000 | >90 | 31 |
| V | | | | | | WW | 2436 | 3000 | >80 | |
| | | | | | | NN | 2613 | 4000 | >80 | |
| D | | | spacers (pg. 067) | | | | | | | |

| possible configuration | Ø . HCØFØ . HQ . 12 |
|---|---|

Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.


flush ⟷ 0 mm


recessed ↑ -25 mm


drop ↓ 24 mm

Accessories (pg. 067).
Photometric data (pg. 758).

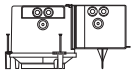

flush ⟷ 0 mm

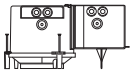

recessed ↑ -25 mm

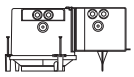
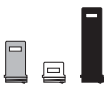

drop ↓ 24 mm

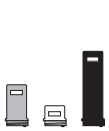
Accessories (pg. 067).
Photometric data (pg. 758).

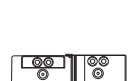
# Accessories
LED

| TRYBECA 38 ◯ ☐ | details | reference | finish reference |
|---|---|---|---|
|  | formwork to install in reinforced concrete and masonry | Ø.**4Ø19Ø**.ØØ | 00 |
|  | plastic spacer set to position diffuser – recessed/flush/drop | 1.**38223**.ØØ | 00 |
| possible configuration | | Ø.**4Ø19Ø**.ØØ 00 | |

| TRYBECA 150 ◯ ☐ | details | reference | finish reference |
|---|---|---|---|
|  | formwork to install in reinforced concrete and masonry | Ø.**4Ø193**.ØØ | 00 |
|  | plastic spacer set to position diffuser – recessed/flush/drop | 1.**38224**.ØØ | 00 |
| possible configuration | | Ø.**4Ø193**.ØØ 00 | |

| TRYBECA 75 ◯ ☐ | details | reference | finish reference |
|---|---|---|---|
|  | formwork to install in reinforced concrete and masonry | Ø.**4Ø191**.ØØ | 00 |
|  | plastic spacer set to position diffuser – recessed/flush/drop | 1.**37824**.ØØ | 00 |
| possible configuration | | Ø.**4Ø191**.ØØ 00 | |

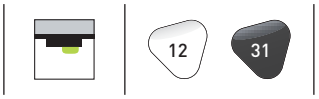
| TRYBECA 300 ◯ ☐ | details | reference | finish reference |
|---|---|---|---|
|  | plastic spacer set to position diffuser – recessed/flush/drop | 1.**3841Ø**.ØØ | 00 |
| possible configuration | | 1.**3841Ø**.ØØ 00 | |

| TRYBECA 75 ☐ | details | reference | finish reference |
|---|---|---|---|
|  | formwork to install in reinforced concrete and masonry | Ø.**4Ø192**.ØØ | 00 |
|  | plastic spacer set to position diffuser – recessed/flush/drop | 1.**37824**.ØØ | 00 |
| possible configuration | | Ø.**4Ø192**.ØØ 00 | |

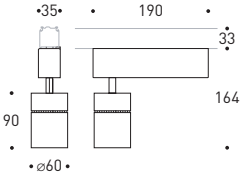

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# YORI SYSTEM

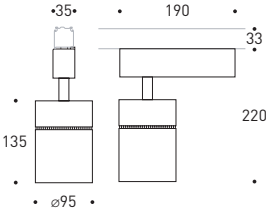
## Projector for 3-circuit track mounting








IP20 | IOS | 850° | 90° | 356° | g 558 | NO

10 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | nom. lm | K | CRI | |
| Ø | | TD92 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| | | | 2 | 29° | HQ | 873 | 3000 | >90 | 31 |
| T | | | 3 | 47° | WW | 1044 | 3000 | >80 | |
| | | | K | without optics | NN | 1166 | 4000 | >80 | |

possible configuration: Ø . TD92 1 . HQ 12

IP20 | IOS | 850° | 90° | 356° | g 1178 | NO

13 W — 1500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| Ø | | TD93 | A | 11° | HW | 1148 | 2700 | >90 | 12 |
| | | | B | 15° | HQ | 1221 | 3000 | >90 | 31 |
| T | | | C | 21° | WW | 1500 | 3000 | >80 | |
| | | | D | 29° | NN | 1661 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . TD93 A . HQ 12

22 W — 2500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| Ø | | TD95 | A | 11° | HW | 1916 | 2700 | >90 | 12 |
| | | | B | 15° | HQ | 2038 | 3000 | >90 | 31 |
| T | | | C | 21° | WW | 2650 | 3000 | >80 | |
| | | | D | 29° | NN | 2759 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . TD95 A . HQ 12

LED IOS LL1 | LED IOS LL1 FOOD

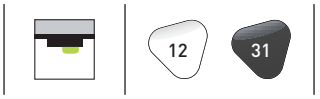
Accessories (pg. 115). Components for track (pg. 548-549).
Photometric data (pg. 702).

LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

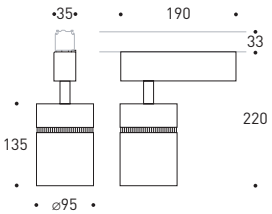
Accessories (pg. 115). Components for track (pg. 548-549).
Photometric data (pg. 704-705 / 708-709).

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## Projector for 3-circuit track mounting






IP20 | IOS | 850° | 90° | 356° | g 1193 | NO

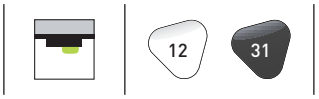
**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 ▲ | | | | | | |
| | Ø | TD97 | A | 11° | HW | 2767 | 2700 | >90 | 12 |
| | | | B | 15° | HQ | 2944 | 3000 | >90 | 31 |
| | T | | C | 21° | WW | 3617 | 3000 | >80 | |
| | | | D | 29° | NN | 3798 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . TD97 A . HQ 10 | | | | |

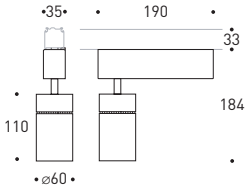
LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

Accessories (pg. 115). Components for track (pg. 548-549).
Photometric data (pg. 712-713).

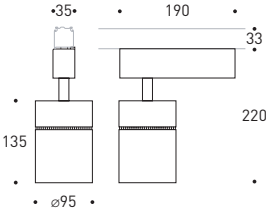
## Projector for 3-circuit track mounting








IP20 | 850° | 90° | 356° | g 710 | NO

| MH | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.25150.ØØ | | / | 12 / 31 |
| 35 W | | | |
| Ø.25151.ØØ | | / | |
| 50 W | | | |
| Ø.25152.ØØ | | / | |
| possible configuration | | Ø.25150.ØØ 12 | |

IP20 | IOS | 850° | 90° | 356° | g 1200 | NO

| MH IOS | MT (OSRAM / GE) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.25251.ØØ | | 14° | 12 |
| Ø.25252.ØØ | | 28° | 31 |
| Ø.25253.ØØ | | 50° | |
| Ø.25254.ØØ | | Mira: α61°/β20° | |
| 35 W | | | |
| Ø.25261.ØØ | | 14° | 12 |
| Ø.25262.ØØ | | 28° | 31 |
| Ø.25263.ØØ | | 50° | |
| Ø.25264.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25251.ØØ 12 | |

| MH IOS | MT (PHILIPS) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| 50 W | | | |
| Ø.25271.ØØ | | 14° | 12 |
| Ø.25272.ØØ | | 28° | 31 |
| Ø.25273.ØØ | | 54° | |
| Ø.25274.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25271.ØØ 12 | |

Accessories (pg. 116). Components for track (pg. 548-549).

MH IOS MH1 | MH IOS MH1 FOOD | MH IOS MH1 UV/IR | MH IOS MH1

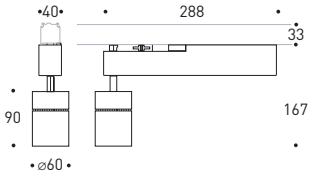
Accessories (pg. 116). Components for track (pg. 548-549).
Photometric data (pg. 766).

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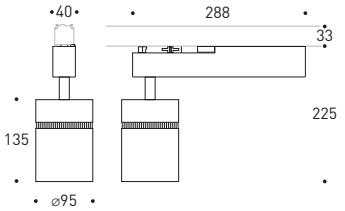
## Projector for 3-circuit DALI track mounting

12 31








IP20 | IOS | 850° | 90° | 356° | g 762 | NO

**10 W** — **1000 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | | | | |
| | Ø | UD92 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| | | | 2 | 29° | HQ | 873 | 3000 | >90 | 31 |
| | V | | 3 | 47° | WW | 1044 | 3000 | >80 | |
| | | | K | without optics | NN | 1166 | 4000 | >80 | |
| | D | | | | | | | | |
| possible configuration | | | Ø . UD92 1 . HQ 12 | | | | | | |

IP20 | IOS | 850° | 90° | 356° | g 1392 | NO

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | UD93 | A | 11° | HW | 1148 | 2700 | >90 | 12 |
| | | | B | 15° | HQ | 1221 | 3000 | >90 | 31 |
| | V | | C | 21° | WW | 1500 | 3000 | >80 | |
| | | | D | 29° | NN | 1661 | 4000 | >80 | |
| | D | | E | 51° | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . UD93 A . HQ 12 | | | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | UD95 | A | 11° | HW | 1916 | 2700 | >90 | 12 |
| | | | B | 15° | HQ | 2038 | 3000 | >90 | 31 |
| | V | | C | 21° | WW | 2650 | 3000 | >80 | |
| | | | D | 29° | NN | 2759 | 4000 | >80 | |
| | D | | E | 51° | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . UD95 A . HQ 12 | | | | | | |

LED IOS LL1 | LED IOS LL1 FOOD

Accessories (pg. 115). Components for track (pg. 553).
Photometric data (pg. 702).

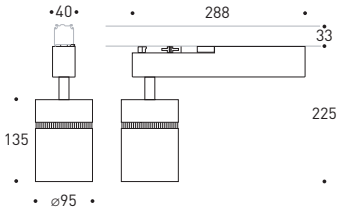
LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

Accessories (pg. 115). Components for track (pg. 553).
Photometric data (pg. 704-705 / 708-709).

## Projector for DALI 3-circuit track mounting

12 31






IP20 IOS 850° 90° 356° g 1414 NO

30 W — 3500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | UD97 | A | 11° | HW | 2767 | 2700 | >90 | 12 |
| | V | | B | 15° | HQ | 2944 | 3000 | >90 | 31 |
| | D | | C | 21° | WW | 3617 | 3000 | >80 | |
| | | | D | 29° | NN | 3798 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . UD97 A . HQ 10 | | | | | | |

LED IOS LL2 · LED IOS LL2 FOOD · 3 HOUR

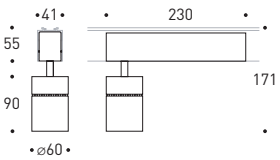
Accessories (pg. 115). Components for track (pg. 553).
Photometric data (pg. 712-713).

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## Projector for surface-mounted and trimless rail





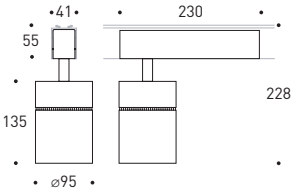

IP20 | | IOS | 850° | 90° | 356° | g 729 | |

**10 W** — **1000 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | | | | |
| Ø | | VD92 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| V | | | 2 | 29° | HQ | 873 | 3000 | >90 | 31 |
| D | | | 3 | 47° | WW | 1044 | 3000 | >80 | |
| T | | | K | without optics | NN | 1166 | 4000 | >80 | |

possible configuration: Ø . VD92 1 . HQ 12






IP20 | | IOS | 850° | 90° | 356° | g 1358 | |

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | VD93 | A | 11° | HW | 1148 | 2700 | >90 | 12 |
| V | | | B | 15° | HQ | 1221 | 3000 | >90 | 31 |
| D | | | C | 21° | WW | 1500 | 3000 | >80 | |
| T | | | D | 29° | NN | 1661 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . VD93 A . HQ 12

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | VD95 | A | 11° | HW | 1916 | 2700 | >90 | 12 |
| V | | | B | 15° | HQ | 2038 | 3000 | >90 | 31 |
| D | | | C | 21° | WW | 2650 | 3000 | >80 | |
| T | | | D | 29° | NN | 2759 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . VD95 A . HQ 12

LED IOS LL1 | LED IOS LL1 FOOD | | |

Accessories (pg. 115). Components for mounting rail (pg. 118-125).
Photometric data (pg. 702).

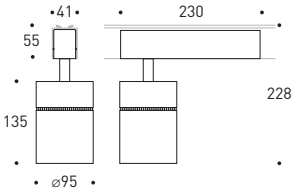
LED IOS LL2 | LED IOS LL2 FOOD | | | 3 HOUR

Accessories (pg. 115). Components for mounting rail (pg. 118-125).
Photometric data (pg. 704-705 / 708-709).

## Projector for surface-mounted and trimless rail






IP20 | IOS | 850° | 90° | 356° | g 1369

30 W — 3500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | ▲ | | | | | |
| | Ø | VD97 | A | 11° | HW | 2767 | 2700 | >90 | 12 |
| | V | | B | 15° | HQ | 2944 | 3000 | >90 | 31 |
| | D | | C | 21° | WW | 3617 | 3000 | >80 | |
| | | | D | 29° | NN | 3798 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

| possible configuration | Ø . VD97 A . HQ 10 |
|---|---|

LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

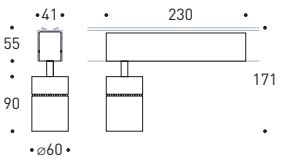
Accessories (pg. 115). Components for mounting rail (pg. 118-125).
Photometric data (pg. 712-713).

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## Projector for surface-mounted and trimless rail



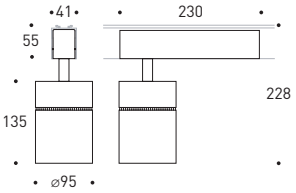



IP20 | 850° | 90° | 356° | g 1358

| MH | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.25170.ØØ | | / | 12 / 31 |
| **35 W** | | | |
| Ø.25171.ØØ | | / | |
| **50 W** | | | |
| Ø.25172.ØØ | | / | |
| possible configuration | | Ø.25170.ØØ 12 | |






IP20 | IOS | 850° | 90° | 356° | g 1288

| MH IOS | MT (OSRAM / GE) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.25311.ØØ | | 14° | 12 / 31 |
| Ø.25312.ØØ | | 28° | |
| Ø.25313.ØØ | | 50° | |
| Ø.25314.ØØ | | Mira: α61°/β20° | |
| **35 W** | | | |
| Ø.25321.ØØ | | 14° | 12 / 31 |
| Ø.25322.ØØ | | 28° | |
| Ø.25323.ØØ | | 50° | |
| Ø.25324.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25311.ØØ 12 | |

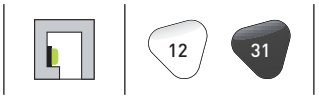
| MH IOS | MT (PHILIPS) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| **50 W** | | | |
| Ø.25331.ØØ | | 14° | 12 / 31 |
| Ø.25332.ØØ | | 28° | |
| Ø.25333.ØØ | | 54° | |
| Ø.25334.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25331.ØØ 12 | |

Accessories (pg. 116). Components for mounting rail (pg. 118-125).

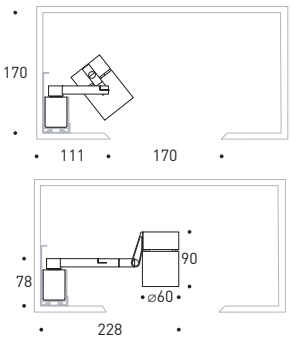
MH IOS MH1 | MH IOS MH1 FOOD | MH IOS MH1 UV/IR | MH IOS MH1

Accessories (pg. 116). Components for mounting rail (pg. 118-125).
Photometric data (pg. 766).

## Projector with extendable arm for surface-mounted rail





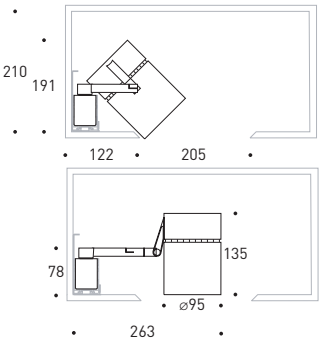

IP20 | IOS | 850° | 90° | 356° | g 773

**10 W** — **1000 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | | | | |
| Ø | | ZD92 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| V | | | 2 | 29° | HQ | 873 | 3000 | >90 | 31 |
| D | | | 3 | 47° | WW | 1044 | 3000 | >80 | |
| T | | | K | without optics | NN | 1166 | 4000 | >80 | |

possible configuration: Ø, ZD92 1, HQ, 12






IP20 | IOS | 850° | 90° | 356° | g 1401

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | ZD93 | A | 11° | HW | 1148 | 2700 | >90 | 12 |
| V | | | B | 15° | HQ | 1221 | 3000 | >90 | 31 |
| D | | | C | 21° | WW | 1500 | 3000 | >80 | |
| T | | | D | 29° | NN | 1661 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø, ZD93 A, HQ, 12

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | ZD95 | A | 11° | HW | 1916 | 2700 | >90 | 12 |
| V | | | B | 15° | HQ | 2038 | 3000 | >90 | 31 |
| D | | | C | 21° | WW | 2650 | 3000 | >80 | |
| T | | | D | 29° | NN | 2759 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø, ZD95 A, HQ, 12

LED IOS LL1 | LED IOS LL1 FOOD

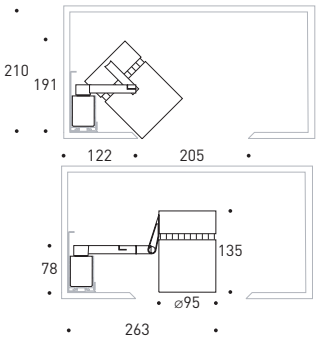
Accessories (pg. 115). Components for mounting rail (pg. 118-125).
Photometric data (pg. 702).

LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

Accessories (pg. 115). Components for mounting rail (pg. 118-125).
Photometric data (pg. 704-705 / 708-709).

## Projector with extendable arm for surface-mounted rail






IP20 | IOS | 850° | 90° | 356° | g 1384

30 W — 3500 lm

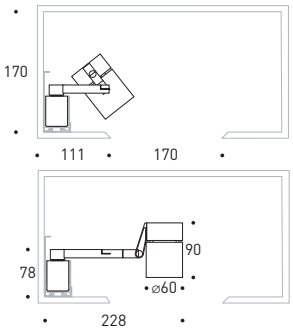
| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | ZD97 | A | 11° | HW | 2767 | 2700 | >90 | 12 |
| | V | | B | 15° | HQ | 2944 | 3000 | >90 | 31 |
| | D | | C | 21° | WW | 3617 | 3000 | >80 | |
| | | | D | 29° | NN | 3798 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

| possible configuration | Ø . ZD97 A . HQ 10 |
|---|---|

LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

Accessories (pg. 115). Components for mounting rail (pg. 118-125).
Photometric data (pg. 712-713).

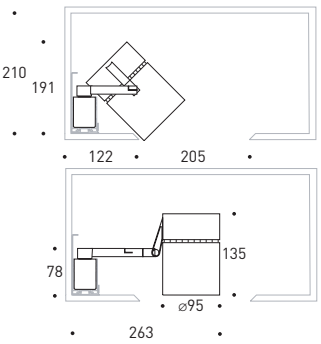
## Projector with extendable arm for surface-mounted rail






IP20 | 850° | 90° | 356° | g 1024

| MH | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.25190.ØØ | | / | 12 31 |
| 35 W | | | |
| Ø.25191.ØØ | | / | |
| 50 W | | | |
| Ø.25192.ØØ | | / | |
| possible configuration | | Ø.25150.ØØ 12 | |






IP20 | IOS | 850° | 90° | 356° | g 1519

| MH IOS | MT (OSRAM / GE) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.25041.ØØ | | 14° | 12 |
| Ø.25042.ØØ | | 28° | 31 |
| Ø.25043.ØØ | | 50° | |
| Ø.25044.ØØ | | Mira: α61°/β20° | |
| 35 W | | | |
| Ø.25046.ØØ | | 14° | 12 |
| Ø.25047.ØØ | | 28° | 31 |
| Ø.25048.ØØ | | 50° | |
| Ø.25049.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25041.ØØ 12 | |

| MH IOS | MT (PHILIPS) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| 50 W | | | |
| Ø.25051.ØØ | | 14° | 12 |
| Ø.25052.ØØ | | 28° | 31 |
| Ø.25053.ØØ | | 54° | |
| Ø.25054.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25051.ØØ 12 | |

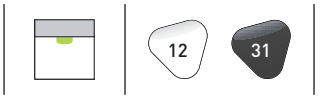
Accessories (pg. 116). Components for mounting rail (pg. 118-125).

MH IOS MH1 | MH IOS MH1 FOOD | MH IOS MH1 UV/IR | MH IOS MH1

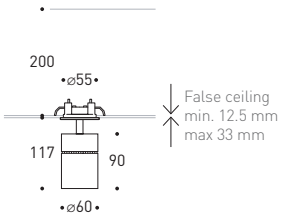
Accessories (pg. 116). Components for mounting rail (pg. 118-125).
Photometric data (pg. 766).

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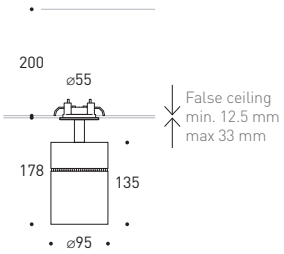
## Ceiling-mounted projector with remote driver








IP20 | IOS | 850° | 90° | 356° | g 452 | ø 55

10 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | | | | |
| Ø | | RD92 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| V | | | 2 | 29° | HQ | 873 | 3000 | >90 | 31 |
| D | | | 3 | 47° | WW | 1044 | 3000 | >80 | |
| T | | | K | without optics | NN | 1166 | 4000 | >80 | |

possible configuration: Ø . RD92 1 . HQ 12

IP20 | IOS | 850° | 90° | 356° | g 1060 | ø 55

13 W — 1500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | RD93 | A | 11° | HW | 1148 | 2700 | >90 | 12 |
| V | | | B | 15° | HQ | 1221 | 3000 | >90 | 31 |
| D | | | C | 21° | WW | 1500 | 3000 | >80 | |
| T | | | D | 29° | NN | 1661 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . RD93 A . HQ 12

22 W — 2500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | RD95 | A | 11° | HW | 1916 | 2700 | >90 | 12 |
| V | | | B | 15° | HQ | 2038 | 3000 | >90 | 31 |
| D | | | C | 21° | WW | 2650 | 3000 | >80 | |
| T | | | D | 29° | NN | 2759 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . RD95 A . HQ 12

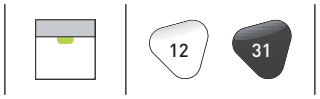
LED IOS LL1 | LED IOS LL1 FOOD

Accessories (pg. 115).
Photometric data (pg. 702).

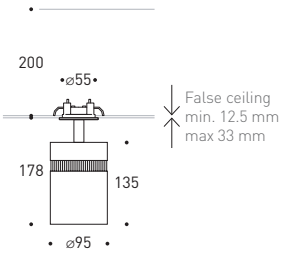
LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

Accessories (pg. 115).
Photometric data (pg. 704-705 / 708-709).

## Ceiling-mounted projector with remote driver









30 W — 3500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | ▲ | | nom. lm | K | CRI | |
| | Ø | RD97 | A | 11° | HW | 2767 | 2700 | >90 | 12 |
| | | | B | 15° | HQ | 2944 | 3000 | >90 | 31 |
| | V | | C | 21° | WW | 3617 | 3000 | >80 | |
| | | | D | 29° | NN | 3798 | 4000 | >80 | |
| | D | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

| possible configuration | Ø. RD97 A . HQ 10 |
|---|---|

LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

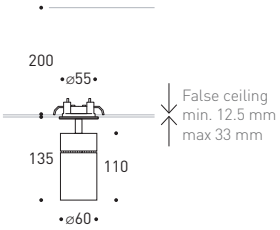
Accessories (pg. 115).
Photometric data (pg. 712-713).

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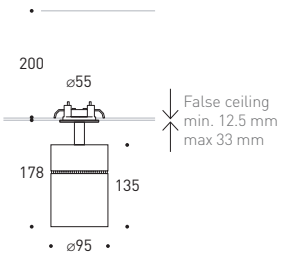
## Ceiling-mounted projector with remote driver

12 31








IP20 | 850° | 90° | 356° | g 605 | ø 55

| MH | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.25125.ØØ | | / | 12 / 31 |
| 35 W | | | |
| Ø.25126.ØØ | | / | |
| possible configuration | | Ø.25125.ØØ 12 | |

IP20 | IOS | 850° | 90° | 356° | g 1129 | ø 55

| MH IOS | MT (OSRAM / GE) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.25156.ØØ | | 14° | 12 |
| Ø.25157.ØØ | | 28° | 31 |
| Ø.25158.ØØ | | 50° | |
| Ø.25159.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25156.ØØ 12 | |

| MH IOS | MT (PHILIPS) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| 35 W | | | |
| Ø.25176.ØØ | | 14° | 12 |
| Ø.25177.ØØ | | 28° | 31 |
| Ø.25178.ØØ | | 54° | |
| Ø.25179.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25176.ØØ 12 | |

Accessories (pg. 116).

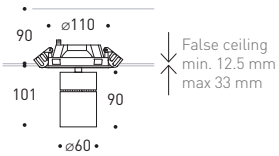
MH IOS MH1 | MH IOS MH1 FOOD | MH IOS MH1 UV/IR | MH IOS MH1

Accessories (pg. 116).
Photometric data (pg. 766).

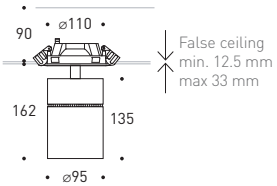
## Semi-recessed ceiling-mounted projector with remote driver

12 31








IP20 | IOS | 850° | 90° | 356° | g 2501 | ø 110

10 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | | | | |
| Ø | | ND92 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| V | | | 2 | 29° | HQ | 873 | 3000 | >90 | 31 |
| D | | | 3 | 47° | WW | 1044 | 3000 | >80 | |
| T | | | K | without optics | NN | 1166 | 4000 | >80 | |

possible configuration: Ø . ND92 1 . HQ 12

IP20 | IOS | 850° | 90° | 356° | g 3205 | ø 110

13 W — 1500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | ND93 | A | 11° | HW | 1148 | 2700 | >90 | 12 |
| V | | | B | 15° | HQ | 1221 | 3000 | >90 | 31 |
| D | | | C | 21° | WW | 1500 | 3000 | >80 | |
| T | | | D | 29° | NN | 1661 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . ND93 A . HQ 12

22 W — 2500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | ND95 | A | 11° | HW | 1916 | 2700 | >90 | 12 |
| V | | | B | 15° | HQ | 2038 | 3000 | >90 | 31 |
| D | | | C | 21° | WW | 2650 | 3000 | >80 | |
| T | | | D | 29° | NN | 2759 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . ND95 A . HQ 12

LED IOS LL1 | LED IOS LL1 FOOD

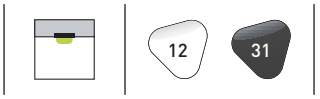
Accessories (pg. 115).
Photometric data (pg. 702).

LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

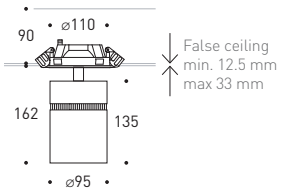
Accessories (pg. 115).
Photometric data (pg. 704-705 / 708-709).

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## Semi-recessed ceiling-mounted projector with remote driver






IP20 | IOS | 850° | 90° | 356° | g 3205 | ø 110

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | ND97 | A | 11° | HW | 2767 | 2700 | >90 | 12 |
| | V | | B | 15° | HQ | 2944 | 3000 | >90 | 31 |
| | D | | C | 21° | WW | 3617 | 3000 | >80 | |
| | | | D | 29° | NN | 3798 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

| possible configuration | Ø . ND97 A . HQ 10 |
|---|---|

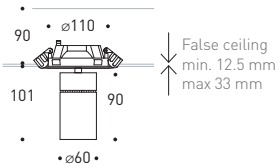
LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

Accessories (pg. 115).
Photometric data (pg. 712-713).

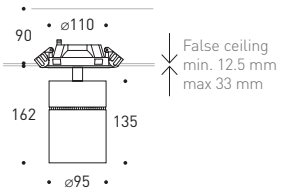
## Semi-recessed ceiling-mounted projector with remote driver

12 31








IP20 | 850° | 90° | 356° | g 3205 | ø 110

| MH | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.25115.ØØ | | / | 12 / 31 |
| 35 W | | | |
| Ø.25116.ØØ | | / | |
| possible configuration | | Ø.25115.ØØ 12 | |

IP20 | IOS | 850° | 90° | 356° | g 3228 | ø 110

| MH IOS | MT (OSRAM / GE) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.253Ø6.ØØ | | 14° | 12 |
| Ø.253Ø7.ØØ | | 28° | 31 |
| Ø.253Ø8.ØØ | | 50° | |
| Ø.253Ø9.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.253Ø6.ØØ 12 | |

| MH IOS | MT (PHILIPS) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| 35 W | | | |
| Ø.25316.ØØ | | 14° | 12 |
| Ø.25317.ØØ | | 28° | 31 |
| Ø.25318.ØØ | | 54° | |
| Ø.25319.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25316.ØØ 12 | |

Accessories (pg. 116).

MH IOS MH1 | MH IOS MH1 FOOD | MH IOS MH1 UV/IR | MH IOS MH1

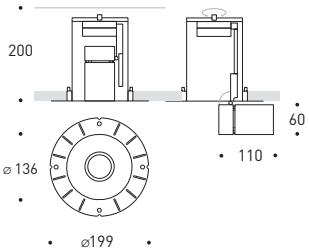
Accessories (pg. 116).
Photometric data (pg. 766).

REGGIANI

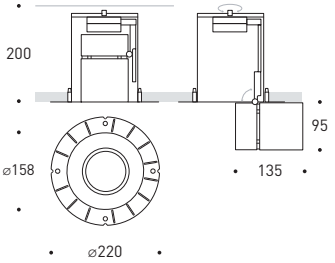
## Trimless recessed round projector with remote driver

12 31








IP20 | IOS | 850° | 90° | 356° | g 2501 | ø 136

**10 W** — **1000 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | nom. lm | K | CRI | |
| Ø | | BD92 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| V | | | 2 | 29° | HQ | 873 | 3000 | >90 | 31 |
| D | | | 3 | 47° | WW | 1044 | 3000 | >80 | |
| T | | | K | without optics | NN | 1166 | 4000 | >80 | |

possible configuration: Ø . BD92 1 . HQ 12

IP20 | IOS | 850° | 90° | 356° | g 3205 | ø 158

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| Ø | | BD93 | A | 11° | HW | 1148 | 2700 | >90 | 12 |
| V | | | B | 15° | HQ | 1221 | 3000 | >90 | 31 |
| D | | | C | 21° | WW | 1500 | 3000 | >80 | |
| T | | | D | 29° | NN | 1661 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . BD93 A . HQ 12

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| Ø | | BD95 | A | 11° | HW | 1916 | 2700 | >90 | 12 |
| V | | | B | 15° | HQ | 2038 | 3000 | >90 | 31 |
| D | | | C | 21° | WW | 2650 | 3000 | >80 | |
| T | | | D | 29° | NN | 2759 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . BD95 A . HQ 12

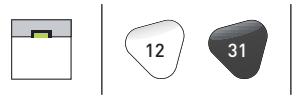
LED IOS LL1 | LED IOS LL1 FOOD

Accessories (pg. 115).

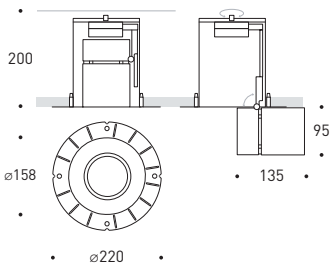
LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

Accessories (pg. 115).
Photometric data (pg. 704-705 / 708-709).

## Trimless recessed round projector with remote driver






IP20 | IOS | 850° | 90° | 356° | g 3205 | ø 158

30 W — 3500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | ▲ | | | | | |
| | Ø | BD97 | A | 11° | HW | 2767 | 2700 | >90 | 12 |
| | | | B | 15° | HQ | 2944 | 3000 | >90 | 31 |
| | V | | C | 21° | WW | 3617 | 3000 | >80 | |
| | | | D | 29° | NN | 3798 | 4000 | >80 | |
| | D | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

| possible configuration | Ø . BD97 A . HQ 10 |
|---|---|

LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

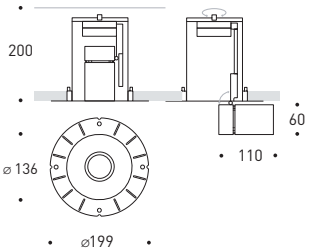
Accessories (pg. 115).
Photometric data (pg. 712-713).

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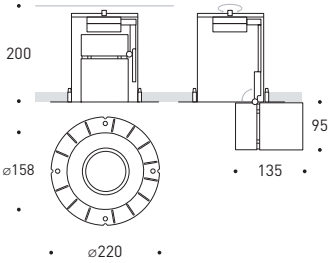
## Trimless recessed round projector with remote driver

12 31








IP20 | 850° | 90° | 356° | g 2716 | ø 136

| MH | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.256Ø1.ØØ | | / | 12 31 |
| 35 W | | | |
| Ø.256Ø2.ØØ | | / | |
| possible configuration | | Ø.256Ø1.ØØ 12 | |

IP20 | IOS | 850° | 90° | 356° | g 3228 | ø 158

| MH IOS | MT (OSRAM / GE) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.25641.ØØ | | 14° | 12 |
| Ø.25642.ØØ | | 28° | 31 |
| Ø.25643.ØØ | | 50° | |
| Ø.25644.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25641.ØØ 12 | |

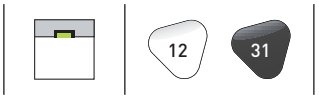
| MH IOS | MT (PHILIPS) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| 35 W | | | |
| Ø.25741.ØØ | | 14° | 12 |
| Ø.25742.ØØ | | 28° | 31 |
| Ø.25743.ØØ | | 54° | |
| Ø.25744.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25741.ØØ 12 | |

Accessories (pg. 116).

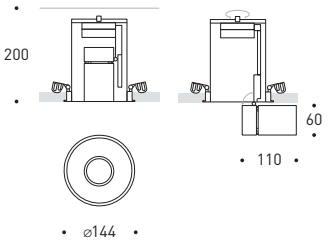
MH IOS MH1 | MH IOS MH1 FOOD | MH IOS MH1 UV/IR | MH IOS MH1

Accessories (pg. 116).
Photometric data (pg. 766).

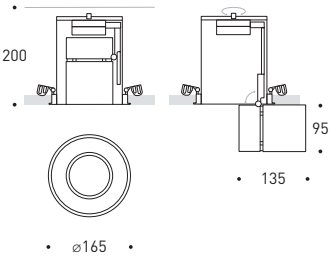
## Trimless recessed round projector with remote driver








IP20 | IOS | 850° | 90° | 356° | g 2537 | ø 136

**10 W** — **1000 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | | | | |
| Ø | | CD92 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| V | | | 2 | 29° | HQ | 873 | 3000 | >90 | 31 |
| D | | | 3 | 47° | WW | 1044 | 3000 | >80 | |
| T | | | K | without optics | NN | 1166 | 4000 | >80 | |

possible configuration: Ø . CD92 1 . HQ 12

IP20 | IOS | 850° | 90° | 356° | g 3241 | ø 158

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | CD93 | A | 11° | HW | 1148 | 2700 | >90 | 12 |
| V | | | B | 15° | HQ | 1221 | 3000 | >90 | 31 |
| D | | | C | 21° | WW | 1500 | 3000 | >80 | |
| T | | | D | 29° | NN | 1661 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . CD93 A . HQ 12

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | CD95 | A | 11° | HW | 1916 | 2700 | >90 | 12 |
| V | | | B | 15° | HQ | 2038 | 3000 | >90 | 31 |
| D | | | C | 21° | WW | 2650 | 3000 | >80 | |
| T | | | D | 29° | NN | 2759 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . CD95 A . HQ 12

LED IOS LL1 | LED IOS LL1 FOOD

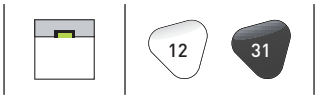
Accessories (pg. 115).

LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

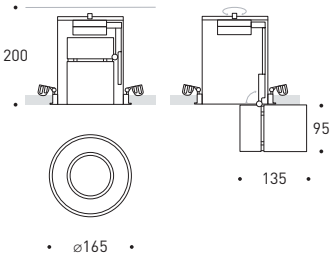
Accessories (pg. 115).
Photometric data (pg. 704-705 / 708-709).

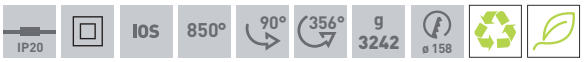
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## Trimless recessed round projector with remote driver






**30 W** — **3500 lm**

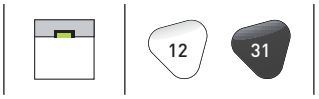
| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | CD97 | A | 11° | HW | 2767 | 2700 | >90 | 12 |
| | V | | B | 15° | HQ | 2944 | 3000 | >90 | 31 |
| | D | | C | 21° | WW | 3617 | 3000 | >80 | |
| | | | D | 29° | NN | 3798 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

| possible configuration | Ø · CD97 · A · HQ · 10 |
|---|---|

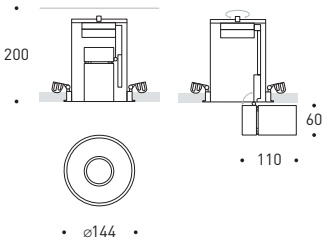
LED IOS LL2 · LED IOS LL2 FOOD · 3 HOUR

Accessories (pg. 115).
Photometric data (pg. 712-713).

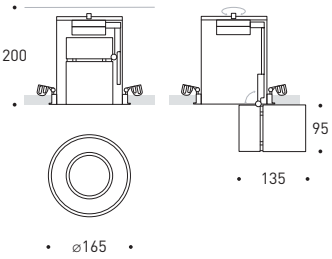
## Trimless recessed round projector with remote driver








IP20 | 850° | 90° | 356° | g 2752 | ø 136

| MH | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.256Ø6.ØØ | | / | 12 / 31 |
| 35 W | | | |
| Ø.256Ø7.ØØ | | / | |
| possible configuration | | Ø.256Ø6.ØØ 12 | |

IP20 | IOS | 850° | 90° | 356° | g 3264 | ø 158

| MH IOS | MT (OSRAM / GE) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.25646.ØØ | | 14° | 12 |
| Ø.25647.ØØ | | 28° | 31 |
| Ø.25648.ØØ | | 50° | |
| Ø.25649.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25646.ØØ 12 | |

| MH IOS | MT (PHILIPS) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| 35 W | | | |
| Ø.25746.ØØ | | 14° | 12 |
| Ø.25747.ØØ | | 28° | 31 |
| Ø.25748.ØØ | | 54° | |
| Ø.25749.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25746.ØØ 12 | |

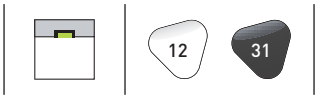
Accessories (pg. 116).

MH IOS MH1 | MH IOS MH1 FOOD | MH IOS MH1 UV/IR | MH IOS MH1

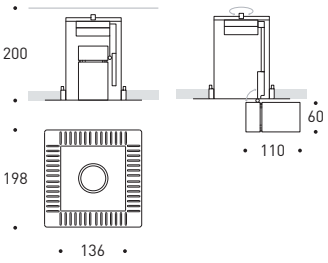
Accessories (pg. 116).
Photometric data (pg. 766).

REGGIANI

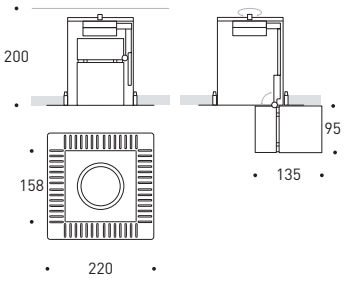
## Trimless recessed square projector with remote driver








IP20 | IOS | 850° | 90° | 356° | g 2598 | 136x136

**10 W** — **1000 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | | | | |
| Ø | | DD92 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| V | | | 2 | 29° | HQ | 873 | 3000 | >90 | 31 |
| D | | | 3 | 47° | WW | 1044 | 3000 | >80 | |
| T | | | K | without optics | NN | 1166 | 4000 | >80 | |

possible configuration: Ø . DD92 1 . HQ 12

IP20 | IOS | 850° | 90° | 356° | g 3881 | 158x158

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | DD93 | A | 11° | HW | 1148 | 2700 | >90 | 12 |
| V | | | B | 15° | HQ | 1221 | 3000 | >90 | 31 |
| D | | | C | 21° | WW | 1500 | 3000 | >80 | |
| T | | | D | 29° | NN | 1661 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . DD93 A . HQ 12

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | DD95 | A | 11° | HW | 1916 | 2700 | >90 | 12 |
| V | | | B | 15° | HQ | 2038 | 3000 | >90 | 31 |
| D | | | C | 21° | WW | 2650 | 3000 | >80 | |
| T | | | D | 29° | NN | 2759 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . DD95 A . HQ 12

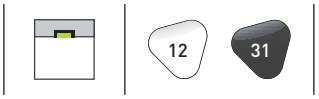
LED IOS LL1 | LED IOS LL1 FOOD

Accessories (pg. 115).

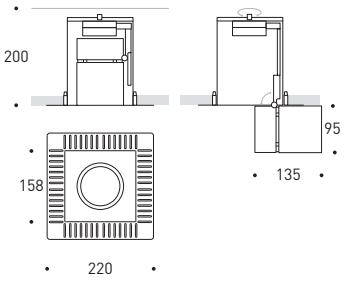
LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

Accessories (pg. 115).
Photometric data (pg. 704-705 / 708-709).

## Trimless recessed square projector with remote driver






IP20 | IOS | 850° | 90° | 356° | g 3881 | 158x158

30 W — 3500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | ▲ | | | | | |
| | Ø | DD97 | A | 11° | HW | 2767 | 2700 | >90 | 12 |
| | | | B | 15° | HQ | 2944 | 3000 | >90 | 31 |
| | V | | C | 21° | WW | 3617 | 3000 | >80 | |
| | | | D | 29° | NN | 3798 | 4000 | >80 | |
| | D | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

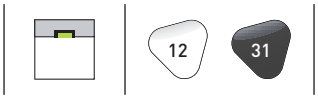
| possible configuration | Ø . DD97 A . HQ 10 |
|---|---|

LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

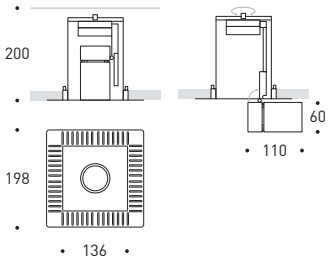
Accessories (pg. 115).
Photometric data (pg. 712-713).

REGGIANI

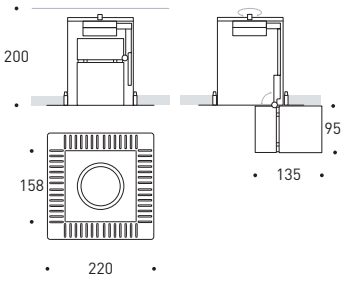
## Trimless recessed square projector with remote driver








IP20 | 850° | 90° | 356° | g 2813 | 136x136

| MH | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.25621.ØØ | | / | 12 / 31 |
| 35 W | | | |
| Ø.25622.ØØ | | / | |
| possible configuration | | Ø.25621.ØØ 12 | |

IP20 | IOS | 850° | 90° | 356° | g 3904 | 158x158

| MH IOS | MT (OSRAM / GE) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.25661.ØØ | | 14° | 12 / 31 |
| Ø.25662.ØØ | | 28° | |
| Ø.25663.ØØ | | 50° | |
| Ø.25664.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25661.ØØ 12 | |

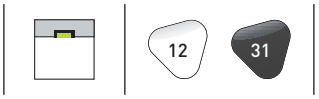
| MH IOS | MT (PHILIPS) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| 35 W | | | |
| Ø.25721.ØØ | | 14° | 12 / 31 |
| Ø.25722.ØØ | | 28° | |
| Ø.25723.ØØ | | 54° | |
| Ø.25724.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25721.ØØ 12 | |

Accessories (pg. 116).

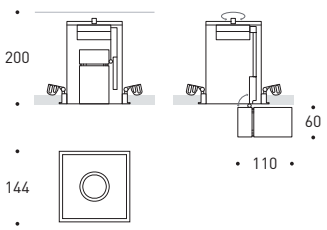
MH IOS MH1 | MH IOS MH1 FOOD | MH IOS MH1 UV/IR | MH IOS MH1

Accessories (pg. 116).
Photometric data (pg. 766).

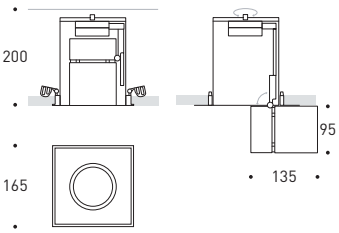
## Trimless recessed square projector with remote driver








IP20 | IOS | 850° | 90° | 356° | g 2634 | f 136x136

**10 W** — **1000 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | | | | |
| Ø | | FD92 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| V | | | 2 | 29° | HQ | 873 | 3000 | >90 | 31 |
| D | | | 3 | 47° | WW | 1044 | 3000 | >80 | |
| T | | | K | without optics | NN | 1166 | 4000 | >80 | |

possible configuration: Ø . FD92 1 . HQ 12

IP20 | IOS | 850° | 90° | 356° | g 3917 | f 158x158

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | FD93 | A | 11° | HW | 1148 | 2700 | >90 | 12 |
| V | | | B | 15° | HQ | 1221 | 3000 | >90 | 31 |
| D | | | C | 21° | WW | 1500 | 3000 | >80 | |
| T | | | D | 29° | NN | 1661 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . FD93 A . HQ 12

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | FD95 | A | 11° | HW | 1916 | 2700 | >90 | 12 |
| V | | | B | 15° | HQ | 2038 | 3000 | >90 | 31 |
| D | | | C | 21° | WW | 2650 | 3000 | >80 | |
| T | | | D | 29° | NN | 2759 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . FD95 A . HQ 12

LED IOS LL1 | LED IOS LL1 FOOD

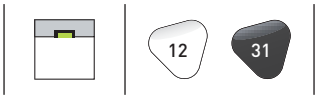
Accessories (pg. 115).

LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

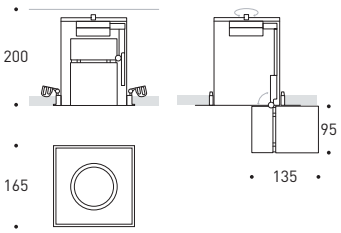
Accessories (pg. 115).
Photometric data (pg. 704-705 / 708-709).

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## Trimless recessed square projector with remote driver






IP20 | IOS | 850° | 90° | 356° | g 3917 | 158x158

**30 W** — **3500 lm**

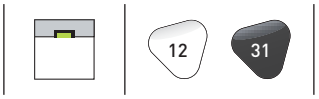
| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 ▲ | | | | | | |
| | Ø | FD97 | A | 11° | HW | 2767 | 2700 | >90 | 12 |
| | V | | B | 15° | HQ | 2944 | 3000 | >90 | 31 |
| | D | | C | 21° | WW | 3617 | 3000 | >80 | |
| | | | D | 29° | NN | 3798 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

| possible configuration | Ø · FD97 · A · HQ · 10 |
|---|---|

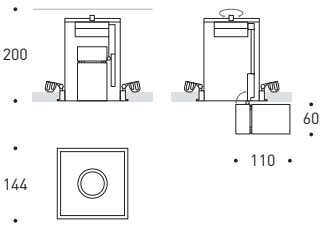
LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

Accessories (pg. 115).
Photometric data (pg. 712-713).

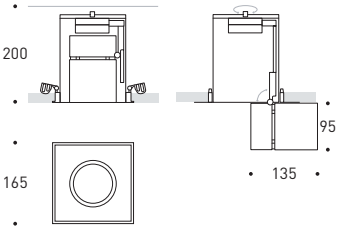
## Trimless recessed square projector with remote driver








IP20 | 850° | 90° | 356° | g 2849 | 136x136

| MH | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.25626.ØØ | | / | 12 / 31 |
| 35 W | | | |
| Ø.25627.ØØ | | / | |
| possible configuration | | Ø.25626.ØØ 12 | |

IP20 | IOS | 850° | 90° | 356° | g 3940 | 158x158

| MH IOS | MT (OSRAM / GE) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.25666.ØØ | | 14° | 12 / 31 |
| Ø.25667.ØØ | | 28° | |
| Ø.25668.ØØ | | 50° | |
| Ø.25669.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25666.ØØ 12 | |

| MH IOS | MT (PHILIPS) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| 35 W | | | |
| Ø.25726.ØØ | | 14° | 12 / 31 |
| Ø.25727.ØØ | | 28° | |
| Ø.25728.ØØ | | 54° | |
| Ø.25729.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25726.ØØ 12 | |

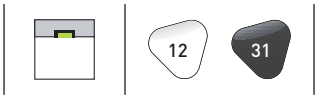
Accessories (pg. 116).

MH IOS MH1 | MH IOS MH1 FOOD | MH IOS MH1 UV/IR | MH IOS MH1

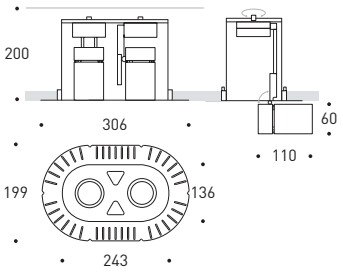
Accessories (pg. 116).
Photometric data (pg. 766).

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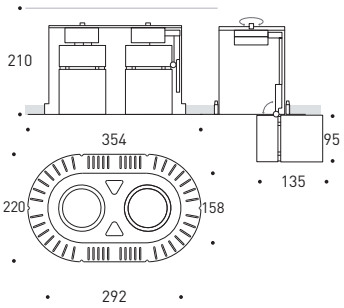
## Trimless recessed oval projector with remote driver








IP20 | IOS | 850° | 90° | 356° | g 2437 | 136x243

**10 W** — **1000 lm**

| LED | driver reference | product reference | optics reference | lumen reference | finish reference |
|---|---|---|---|---|---|
| | | | IOS LL1 | nom. lm / K / CRI | |
| Ø | | GD92 | 1 15° | HW 803 2700 >90 | 12 |
| V | | | 2 29° | HQ 873 3000 >90 | 31 |
| D | | | 3 47° | WW 1044 3000 >80 | |
| T | | | K without optics | NN 1166 4000 >80 | |
| possible configuration | | | Ø . GD92 1 . HQ 12 | | |

IP20 | IOS | 850° | 90° | 356° | g 4330 | 158x292

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | lumen reference | finish reference |
|---|---|---|---|---|---|
| | | | IOS LL2 | nom. lm / K / CRI | |
| Ø | | GD93 | A 11° | HW 1148 2700 >90 | 12 |
| V | | | B 15° | HQ 1221 3000 >90 | 31 |
| D | | | C 21° | WW 1500 3000 >80 | |
| T | | | D 29° | NN 1661 4000 >80 | |
| | | | E 51° | | |
| | | | K without optics | | |
| possible configuration | | | Ø . GD93 A . HQ 12 | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | lumen reference | finish reference |
|---|---|---|---|---|---|
| | | | IOS LL2 | nom. lm / K / CRI | |
| Ø | | GD95 | A 11° | HW 1916 2700 >90 | 12 |
| V | | | B 15° | HQ 2038 3000 >90 | 31 |
| D | | | C 21° | WW 2650 3000 >80 | |
| T | | | D 29° | NN 2759 4000 >80 | |
| | | | E 51° | | |
| | | | K without optics | | |
| possible configuration | | | Ø . GD95 A . HQ 12 | | |

LED IOS LL1 | LED IOS LL1 FOOD

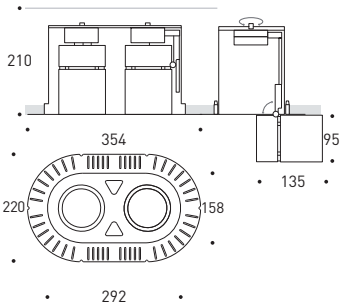
Accessories (pg. 115).

LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

Accessories (pg. 115).
Photometric data (pg. 704-705 / 708-709).

## Trimless recessed oval projector with remote driver






IP20 | IOS | 850° | 90° | 356° | g 4330 | 158x292

30 W — 3500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | ▲ | | | | | |
| | Ø | GD97 | A | 11° | HW | 2767 | 2700 | >90 | 12 |
| | | | B | 15° | HQ | 2944 | 3000 | >90 | 31 |
| | V | | C | 21° | WW | 3617 | 3000 | >80 | |
| | | | D | 29° | NN | 3798 | 4000 | >80 | |
| | D | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

| possible configuration | Ø . GD97 A . HQ 10 |
|---|---|

LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

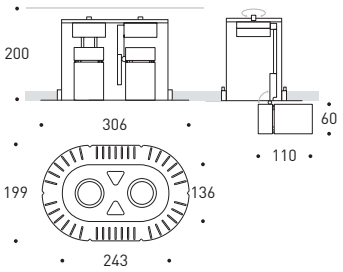
Accessories (pg. 115).
Photometric data (pg. 712-713).

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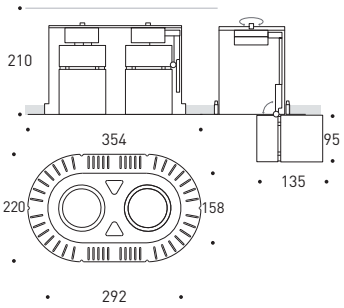
## Trimless recessed oval projector with remote driver

12 31








IP20 | 850° | 90° | 356° | g 2867 | 136x243

IP20 | IOS | 850° | 90° | 356° | g 4373 | 158x292

| MH | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.25611.ØØ | | / | 12 / 31 |
| **35 W** | | | |
| Ø.25612.ØØ | | / | |
| possible configuration | | Ø.25611.ØØ 12 | |

| MH IOS | MT (OSRAM / GE) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.25651.ØØ | | 14° | 12 |
| Ø.25652.ØØ | | 28° | 31 |
| Ø.25653.ØØ | | 50° | |
| Ø.25654.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25651.ØØ 12 | |

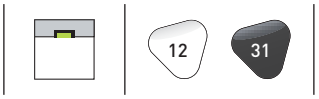
| MH IOS | MT (PHILIPS) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| **35 W** | | | |
| Ø.25751.ØØ | | 14° | 12 |
| Ø.25752.ØØ | | 28° | 31 |
| Ø.25753.ØØ | | 54° | |
| Ø.25754.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25751.ØØ 12 | |

Accessories (pg. 116).

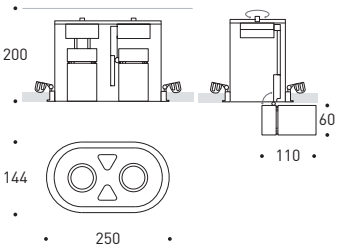
MH IOS MH1 | MH IOS MH1 FOOD | MH IOS MH1 UV/IR | MH IOS MH1

Accessories (pg. 116).
Photometric data (pg. 766).

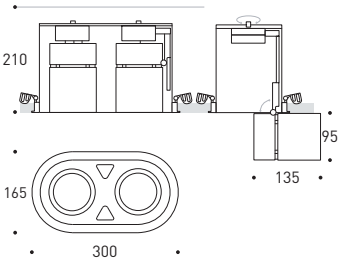
## Trimless recessed oval projector with remote driver








IP20 | IOS | 850° | 90° | 356° | g 2509 | 136x243

**10 W** — **1000 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | | | | |
| Ø | | HD92 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| V | | | 2 | 29° | HQ | 873 | 3000 | >90 | 31 |
| D | | | 3 | 47° | WW | 1044 | 3000 | >80 | |
| T | | | K | without optics | NN | 1166 | 4000 | >80 | |

possible configuration: Ø . HD92 1 . HQ 12

IP20 | IOS | 850° | 90° | 356° | g 4400 | 158x292

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | HD93 | A | 11° | HW | 1148 | 2700 | >90 | 12 |
| V | | | B | 15° | HQ | 1221 | 3000 | >90 | 31 |
| D | | | C | 21° | WW | 1500 | 3000 | >80 | |
| T | | | D | 29° | NN | 1661 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . HD93 A . HQ 12

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | HD95 | A | 11° | HW | 1916 | 2700 | >90 | 12 |
| V | | | B | 15° | HQ | 2038 | 3000 | >90 | 31 |
| D | | | C | 21° | WW | 2650 | 3000 | >80 | |
| T | | | D | 29° | NN | 2759 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . HD95 A . HQ 12

LED IOS LL1 | LED IOS LL1 FOOD

Accessories (pg. 115).

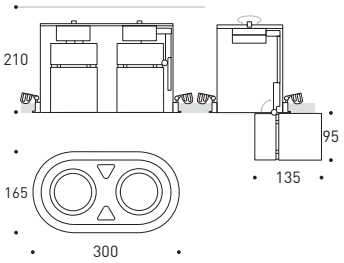
LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

Accessories (pg. 115).
Photometric data (pg. 704-705 / 708-709).

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## Trimless recessed oval projector with remote driver






IP20 | IOS | 850° | 90° | 356° | g 4330 | 158x292

**30 W** — **3500 lm**

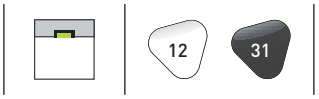
| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | HD97 | A | 11° | HW | 2767 | 2700 | >90 | 12 |
| | V | | B | 15° | HQ | 2944 | 3000 | >90 | 31 |
| | D | | C | 21° | WW | 3617 | 3000 | >80 | |
| | | | D | 29° | NN | 3798 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

| possible configuration | Ø . HD97 A . HQ 10 |
|---|---|

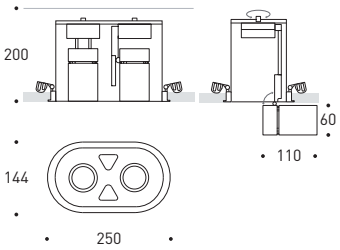
LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

Accessories (pg. 115).
Photometric data (pg. 712-713).

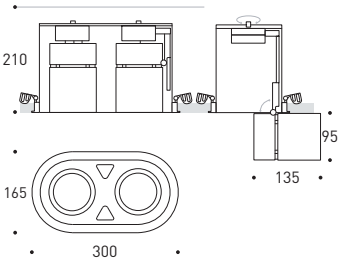
## Trimless recessed oval projector with remote driver








IP20 | 850° | 90° | 356° | g 2939 | 136x243

| MH | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.25616.ØØ | | / | 12 / 31 |
| 35 W | | | |
| Ø.25617.ØØ | | / | |
| possible configuration | | Ø.25616.ØØ 12 | |

IP20 | IOS | 850° | 90° | 356° | g 4445 | 158x292

| MH IOS | MT (OSRAM / GE) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.25656.ØØ | | 14° | 12 / 31 |
| Ø.25657.ØØ | | 28° | |
| Ø.25658.ØØ | | 50° | |
| Ø.25659.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25656.ØØ 12 | |

| MH IOS | MT (PHILIPS) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| 35 W | | | |
| Ø.25756.ØØ | | 14° | 12 / 31 |
| Ø.25757.ØØ | | 28° | |
| Ø.25758.ØØ | | 54° | |
| Ø.25759.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25756.ØØ 12 | |

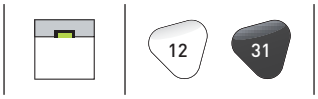
Accessories (pg. 116).

MH IOS MH1 | MH IOS MH1 FOOD | MH IOS MH1 UV/IR | MH IOS MH1

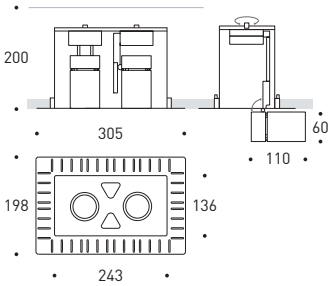
Accessories (pg. 116).
Photometric data (pg. 766).

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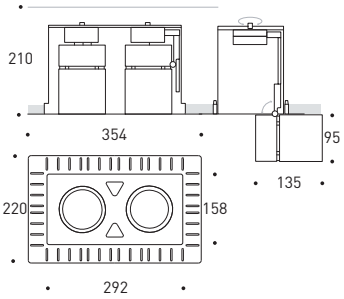
## Trimless recessed rectangular projector with remote driver








IP20 | IOS | 850° | 90° | 356° | g 3996 | 136x243

**10 W** — **1000 lm**

| LED | driver reference | product reference | optics reference | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | nom. lm | K | CRI | |
| Ø | | LD92 | 1 15° | HW | 803 | 2700 | >90 | 12 |
| V | | | 2 29° | HQ | 873 | 3000 | >90 | 31 |
| D | | | 3 47° | WW | 1044 | 3000 | >80 | |
| T | | | K without optics | NN | 1166 | 4000 | >80 | |
| possible configuration | | | Ø, LD92, 1, HQ, 12 | | | | | |

IP20 | IOS | 850° | 90° | 356° | g 4328 | 158x292

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | nom. lm | K | CRI | |
| Ø | | LD93 | A 11° | HW | 1148 | 2700 | >90 | 12 |
| V | | | B 15° | HQ | 1221 | 3000 | >90 | 31 |
| D | | | C 21° | WW | 1500 | 3000 | >80 | |
| T | | | D 29° | NN | 1661 | 4000 | >80 | |
| | | | E 51° | | | | | |
| | | | K without optics | | | | | |
| possible configuration | | | Ø, LD93, A, HQ, 12 | | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | nom. lm | K | CRI | |
| Ø | | GD95 | A 11° | HW | 1916 | 2700 | >90 | 12 |
| V | | | B 15° | HQ | 2038 | 3000 | >90 | 31 |
| D | | | C 21° | WW | 2650 | 3000 | >80 | |
| T | | | D 29° | NN | 2759 | 4000 | >80 | |
| | | | E 51° | | | | | |
| | | | K without optics | | | | | |
| possible configuration | | | Ø, LD95, A, HQ, 12 | | | | | |

LED IOS LL1 | LED IOS LL1 FOOD

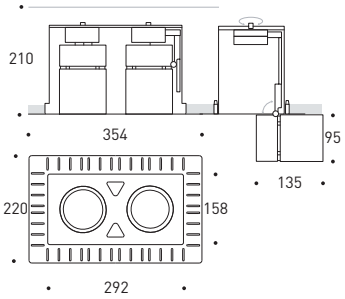
Accessories (pg. 115).

LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

Accessories (pg. 115).
Photometric data (pg. 704-705 / 708-709).

## Trimless recessed rectangular projector with remote driver






IP20 | IOS | 850° | 90° | 356° | g 4328 | 158x292

30 W — 3500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | LD97 | A | 11° | HW | 2767 | 2700 | >90 | 12 |
| | V | | B | 15° | HQ | 2944 | 3000 | >90 | 31 |
| | D | | C | 21° | WW | 3617 | 3000 | >80 | |
| | | | D | 29° | NN | 3798 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

| possible configuration | Ø · LD97 · A · HQ · 10 |
|---|---|

LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

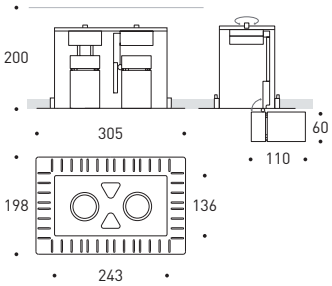
Accessories (pg. 115).
Photometric data (pg. 712-713).

REGGIANI

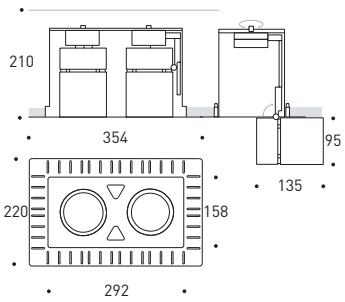
## Trimless recessed rectangular projector with remote driver

12 31








IP20 | 850° | 90° | 356° | g 4426 | 136x243

| MH | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.25631.ØØ | | / | 12 31 |
| 35 W | | | |
| Ø.25632.ØØ | | / | |
| possible configuration | | Ø.25631.ØØ 12 | |

IP20 | IOS | 850° | 90° | 356° | g 4373 | 158x292

| MH IOS | MT (OSRAM / GE) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.25671.ØØ | | 14° | 12 |
| Ø.25672.ØØ | | 28° | 31 |
| Ø.25673.ØØ | | 50° | |
| Ø.25674.ØØ | | Mira:α61°/β20° | |
| possible configuration | | Ø.25671.ØØ 12 | |

| MH IOS | MT (PHILIPS) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| 35 W | | | |
| Ø.25731.ØØ | | 14° | 12 |
| Ø.25732.ØØ | | 28° | 31 |
| Ø.25733.ØØ | | 54° | |
| Ø.25734.ØØ | | Mira:α61°/β20° | |
| possible configuration | | Ø.25731.ØØ 12 | |

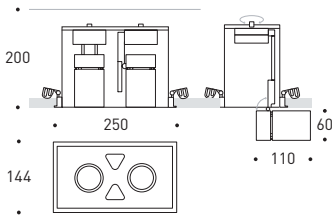
Accessories (pg. 116).

MH IOS MH1 | MH IOS MH1 FOOD | MH IOS MH1 UV/IR | MH IOS MH1

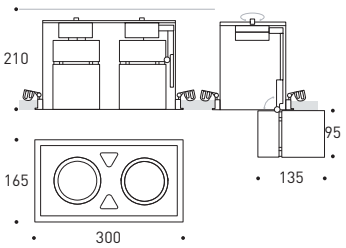
Accessories (pg. 116).
Photometric data (pg. 766).

## Trimless recessed rectangular projector with remote driver








IP20 | IOS | 850° | 90° | 356° | g 4400 | 136x243

**10 W** — **1000 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | | | | |
| Ø | | MD92 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| V | | | 2 | 29° | HQ | 873 | 3000 | >90 | 31 |
| D | | | 3 | 47° | WW | 1044 | 3000 | >80 | |
| T | | | K | without optics | NN | 1166 | 4000 | >80 | |

possible configuration: Ø . MD92 1 . HQ 12

IP20 | IOS | 850° | 90° | 356° | g 4400 | 158x292

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | MD93 | A | 11° | HW | 1148 | 2700 | >90 | 12 |
| V | | | B | 15° | HQ | 1221 | 3000 | >90 | 31 |
| D | | | C | 21° | WW | 1500 | 3000 | >80 | |
| T | | | D | 29° | NN | 1661 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . MD93 A . HQ 12

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | MD95 | A | 11° | HW | 1916 | 2700 | >90 | 12 |
| V | | | B | 15° | HQ | 2038 | 3000 | >90 | 31 |
| D | | | C | 21° | WW | 2650 | 3000 | >80 | |
| T | | | D | 29° | NN | 2759 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . MD95 A . HQ 12

LED IOS LL1 | LED IOS LL1 FOOD

Accessories (pg. 115).

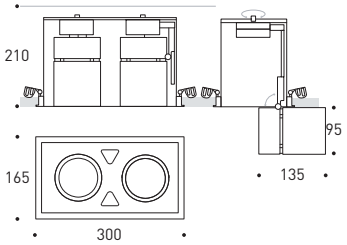
LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

Accessories (pg. 115).
Photometric data (pg. 704-705 / 708-709).

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## Trimless recessed rectangular projector with remote driver






IP20 | IOS | 850° | 90° | 356° | g 4400 | 158x292

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | MD97 | A | 11° | HW | 2767 | 2700 | >90 | 12 |
| | V | | B | 15° | HQ | 2944 | 3000 | >90 | 31 |
| | D | | C | 21° | WW | 3617 | 3000 | >80 | |
| | | | D | 29° | NN | 3798 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | K | without optics | | | | | |

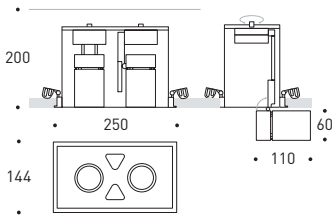
| possible configuration | Ø . MD97 A . HQ 10 |
|---|---|

LED IOS LL2 | LED IOS LL2 FOOD | 3 HOUR

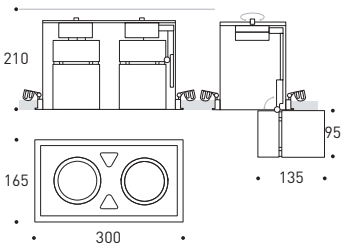
Accessories (pg. 115).
Photometric data (pg. 712-713).

## Trimless recessed rectangular projector with remote driver








IP20 | 850° | 90° | 356° | g 4460 | 136x243

| MH | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.**25636**.ØØ | | / | 12 / 31 |
| **35 W** | | | |
| Ø.**25637**.ØØ | | / | |
| possible configuration | | Ø.25636.ØØ 12 | |

IP20 | IOS | 850° | 90° | 356° | g 4445 | 158x292

| MH IOS | MT (OSRAM / GE) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.**25676**.ØØ | | 14° | 12 / 31 |
| Ø.**25677**.ØØ | | 28° | |
| Ø.**25678**.ØØ | | 50° | |
| Ø.**25679**.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25676.ØØ 12 | |

| MH IOS | MT (PHILIPS) GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| **35 W** | | | |
| Ø.**25736**.ØØ | | 14° | 12 / 31 |
| Ø.**25737**.ØØ | | 28° | |
| Ø.**25738**.ØØ | | 54° | |
| Ø.**25739**.ØØ | | Mira: α61°/β20° | |
| possible configuration | | Ø.25736.ØØ 12 | |

Accessories (pg. 116).

MH IOS MH1 | MH IOS MH1 FOOD | MH IOS MH1 UV/IR | MH IOS MH1

Accessories (pg. 116).
Photometric data (pg. 766).

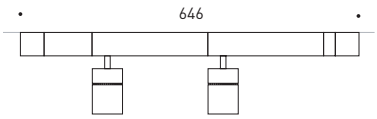
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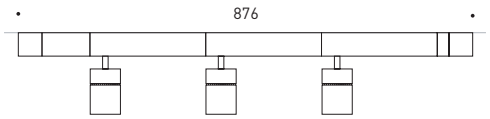
## Kit: projectors for surface-mounted rail

12 31








IP20 IOS 850° 90° 356° g 1977

**2x10 W** — **1000 lm**

| LED | driver reference | product reference | optics reference | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | nom. lm | K | CRI | |
| | Ø | 25551 | 15° | HW | 803 | 2700 | >90 | 12 |
| | | | | HQ | 873 | 3000 | >90 | 31 |
| | V | | | WW | 1044 | 3000 | >80 | |
| | | | | NN | 1166 | 4000 | >80 | |
| | D | | | | | | | |
| possible configuration | | | | Ø, 25551, HQ, 12 | | | | |

IP20 IOS 850° 90° 356° g 2861

**3x10 W** — **1000 lm**

| LED | driver reference | product reference | optics reference | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | nom. lm | K | CRI | |
| | Ø | 25552 | 15° | HW | 803 | 2700 | >90 | 12 |
| | | | | HQ | 873 | 3000 | >90 | 31 |
| | V | | | WW | 1044 | 3000 | >80 | |
| | | | | NN | 1166 | 4000 | >80 | |
| | D | | | | | | | |
| possible configuration | | | | Ø, 25552, HQ, 12 | | | | |

LED IOS LL1 · LED IOS LL1 FOOD

Accessories (pg. 115).
Photometric data (pg. 702).

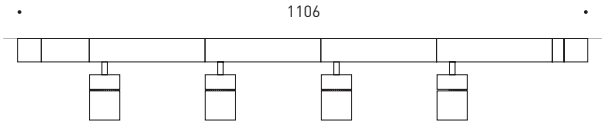
LED IOS LL1 · LED IOS LL1 FOOD

Accessories (pg. 115).
Photometric data (pg. 702).

## Kit: projectors for surface-mounted rail






IP20 | IOS | 850° | 90° | 356° | g 3699

4x10 W — 1000 lm

| LED | driver reference | product reference | optics reference | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 ▲ | | nom. lm | K | CRI | |
| | Ø | 25553 | 15° | HW | 803 | 2700 | >90 | 12 |
| | | | | HQ | 873 | 3000 | >90 | 31 |
| | V | | | WW | 1044 | 3000 | >80 | |
| | | | | NN | 1166 | 4000 | >80 | |
| | D | | | | | | | |
| possible configuration | | | | Ø . 25553 . HQ . 12 | | | | |

LED IOS LL1 | LED IOS LL1 FOOD

Accessories (pg. 115).
Photometric data (pg. 702).

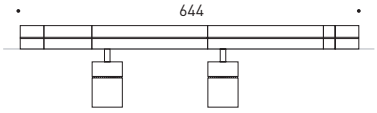
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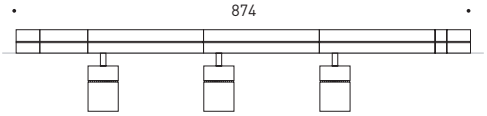
## Kit: projectors for surface-mounted rail

12 31








IP20 | IOS | 850° | 90° | 356° | g 2499 | 44x644

2x10 W — 1000 lm

| LED | driver reference | product reference | optics reference | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | nom. lm | K | CRI | |
| | Ø | 25581 | 15° | HW | 803 | 2700 | >90 | 12 |
| | | | | HQ | 873 | 3000 | >90 | 31 |
| | V | | | WW | 1044 | 3000 | >80 | |
| | | | | NN | 1166 | 4000 | >80 | |
| | D | | | | | | | |
| possible configuration | | | | Ø, 25581, HQ, 12 | | | | |

LED IOS LL1 | LED IOS LL1 FOOD

Accessories (pg. 115).
Photometric data (pg. 702).

IP20 | IOS | 850° | 90° | 356° | g 3503 | 44x874

3x10 W — 1000 lm

| LED | driver reference | product reference | optics reference | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | nom. lm | K | CRI | |
| | Ø | 25582 | 15° | HW | 803 | 2700 | >90 | 12 |
| | | | | HQ | 873 | 3000 | >90 | 31 |
| | V | | | WW | 1044 | 3000 | >80 | |
| | | | | NN | 1166 | 4000 | >80 | |
| | D | | | | | | | |
| possible configuration | | | | Ø, 25582, HQ, 12 | | | | |

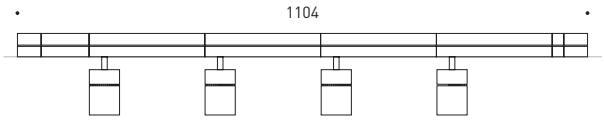
LED IOS LL1 | LED IOS LL1 FOOD

Accessories (pg. 115).
Photometric data (pg. 702).

## Kit: projectors for surface-mounted rail






IP20 | IOS | 850° | 90° | 356° | g 4508 | 44x1104

4x10 W — 1000 lm

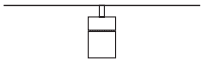
| LED | driver reference | product reference | optics reference | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 ▲ | | nom. lm | K | CRI | |
| | Ø | 25583 | 15° | HW | 000 | 2700 | >90 | 12 |
| | | | | HQ | 873 | 3000 | >90 | 31 |
| | V | | | WW | 1044 | 3000 | >80 | |
| | | | | NN | 1166 | 4000 | >80 | |
| | D | | | | | | | |
| possible configuration | | | | Ø . 25583 . HQ . 12 | | | | |

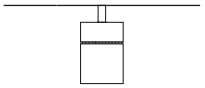
LED IOS LL1 | LED IOS LL1 FOOD

Accessories (pg. 115).
Photometric data (pg. 702).

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# Accessories
## LED





| YORI | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL1 | • ø50 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | 1 | 15° | Ø.**35Ø05**.ØØ | 00 |
| | | | 2 | 29° | Ø.**35Ø06**.ØØ | |
| | | | 3 | 47° | Ø.**35Ø07**.ØØ | |
| LED IOS LL1 FOOD | • ø50 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL1 | 15° | Ø.**35Ø05**.ØØ | 64 |
| | | | | 29° | Ø.**35Ø06**.ØØ | 65 |
| | | | | 47° | Ø.**35Ø07**.ØØ | 66 |
| | | | | | | 67 |
| LED IOS LL1 | • ø50 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | 1 | 15° | Ø.**35Ø05**.GA | 00 |
| | | | 2 | 29° | Ø.**35Ø06**.GA | |
| | | | 3 | 47° | Ø.**35Ø07**.GA | |
| | | honeycomb anti-glare louvre | | | Ø.**25443**.ØØ | 42 |
| | | cross-blade louvre | | | Ø.**2544Ø**.ØØ | 00 |
| possible configuration | | | | | Ø.35Ø05.ØØ | 00 |

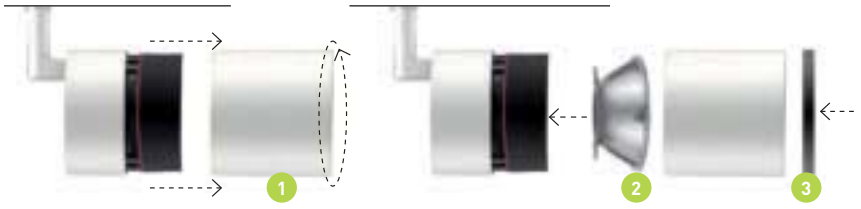
| YORI | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.**35Ø5Ø**.ØØ | 00 |
| | | | B | 15° | Ø.**35Ø49**.ØØ | |
| | | | C | 21° | Ø.**35Ø51**.ØØ | |
| | | | D | 29° | Ø.**35Ø52**.ØØ | |
| | | | E | 51° | Ø.**35Ø53**.ØØ | |
| | | | F | Mira* | Ø.**35Ø54**.ØØ | |
| | | | H | W. W. | Ø.**35Ø59**.ØØ | |
| LED IOS LL2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.**35Ø5Ø**.ØØ | 64 |
| | | | | 15° | Ø.**35Ø49**.ØØ | 65 |
| | | | | 21° | Ø.**35Ø51**.ØØ | 66 |
| | | | | 29° | Ø.**35Ø52**.ØØ | 67 |
| | | | | 51° | Ø.**35Ø53**.ØØ | |
| | | | | Mira* | Ø.**35Ø54**.ØØ | |
| LED IOS LL2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.**35Ø5Ø**.GA | 00 |
| | | | B | 15° | Ø.**35Ø49**.GA | |
| | | | C | 21° | Ø.**35Ø51**.GA | |
| | | | D | 29° | Ø.**35Ø52**.GA | |
| | | | E | 51° | Ø.**35Ø53**.GA | |
| | | honeycomb anti-glare louvre | | | Ø.**25444**.ØØ | 42 |
| | | cross-blade louvre | | | Ø.**25441**.ØØ | 00 |
| 3 HOUR | | emergency pack for Yori on mounting rail (3h back-up) | | | Ø.**25435**.ØØ | 12<br>31 |
| possible configuration | | | | | Ø.35Ø05.ØØ | 00 |

**ACCESSORY INSTALLATION**

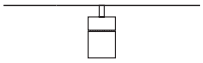
**↘1**
Anti-glare cone louvre (twist and pull to remove)

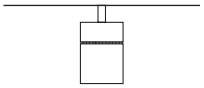
**↘2**
IOS system (Interchangeable Optical System)

**↘3**
Cross-blade louvre

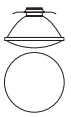


## Accessories
metal halide lamps





| YORI | details | IOS | ▲ | reference | finish reference |
|---|---|---|---|---|---|
| | anti-glare louvre | | | Ø.**25443**.ØØ | 42 |
| | cross-blade louvre | | | Ø.**25440**.ØØ | 00 |
| | possible configuration | | | Ø.25443.ØØ | 42 |

| YORI | | details | IOS | ▲ | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH1 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14° | Ø.**23100**.ØØ | 00 |
| | | | | 28° | Ø.**23101**.ØØ | |
| | | | | 50°/54° | Ø.**23102**.ØØ | |
| | | | | Mira* | Ø.**23103**.ØØ | |
| MH IOS MH1 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14° | Ø.**23100**.ØØ | 64 |
| | | | | 28° | Ø.**23101**.ØØ | 65 |
| | | | | 50°/54° | Ø.**23102**.ØØ | 66 |
| | | | | Mira* | Ø.**23103**.ØØ | 67 |
| MH IOS MH1 UV/IR<br>MH IOS MH1 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR- **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14° | Ø.**23100**.ØØ | 59 |
| | | | | 28° | Ø.**23101**.ØØ | 79 |
| | | | | 50°/54° | Ø.**23102**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| | | honeycomb anti-glare louvre | | | Ø.**25444**.ØØ | 42 |
| | | cross-blade louvre | | | Ø.**25441**.ØØ | 00 |

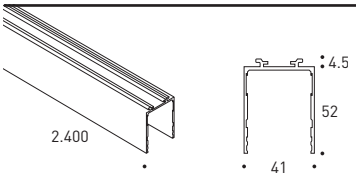
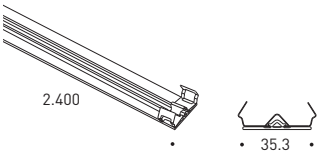
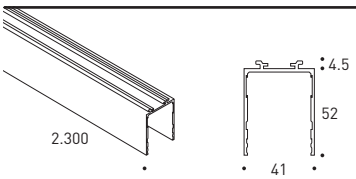
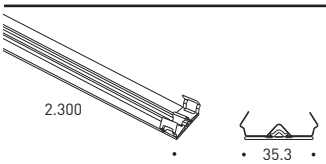
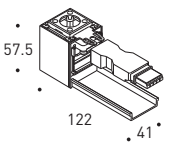
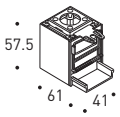
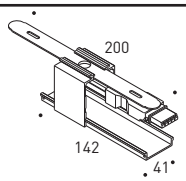
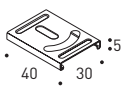
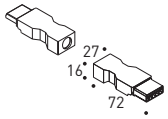
* elliptical beam

| possible configuration | Ø.23100.ØØ 00 |
|---|---|

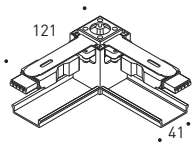
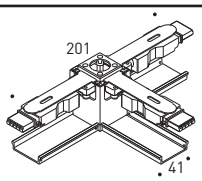
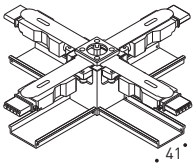
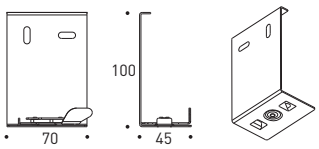


Showroom GESSI - Milan Italy

## Components for installation of projectors on surface-mounted rail

| | details | reference | finish reference | possible configuration |
|---|---|---|---|---|
|  | surface-mounted rail + connecting piece<br>length: 2400 mm | Ø.25401.ØØ | 12<br>31 | Ø.25401.ØØ 12 |
|  | mounting rail cover including spring clips<br>length: 2.400 mm | Ø.25432.ØØ | 12<br>31 | Ø.25432.ØØ 12 |
|  | 2300 mm surface-mounted rail module add-on 0.25402.00 for strip configuration for up to 10 YORI luminaires on total section, including mechanical coupler | Ø.25801.ØØ | 12<br>31 | Ø.25801.ØØ 12 |
|  | mounting rail cover including spring clips<br>length: 2300 mm | Ø.25874.ØØ | 12<br>31 | Ø.25874.ØØ 12 |
|  | live end cap (dead end) module composed of: connector, 41 mm pronged base cap, fill-in space cover, 81 mm mounting rail cap | Ø.25850.ØØ | 12<br>31 | Ø.25850.ØØ 12 |
|  | terminal end cap (dead end) module composed of: 41 mm cap, 41 mm pronged base cap, fill-in space cover, 20 mm mounting rail cap | Ø.25851.ØØ | 12<br>31 | Ø.25851.ØØ 12 |
|  | centre feed module composed of: central body, mechanical coupler and 142 mm cover | Ø.25852.ØØ | 12<br>31 | Ø.25852.ØØ 12 |
|  | mounting rail retainer<br>device for surface installation | Ø.25410.ØØ | 12<br>31 | Ø.25410.ØØ 12 |
|  | connector with plug and socket for electric cable with maximum section of 1.5 mm | Ø.25417.ØØ | 00 | Ø.25417.ØØ 00 |

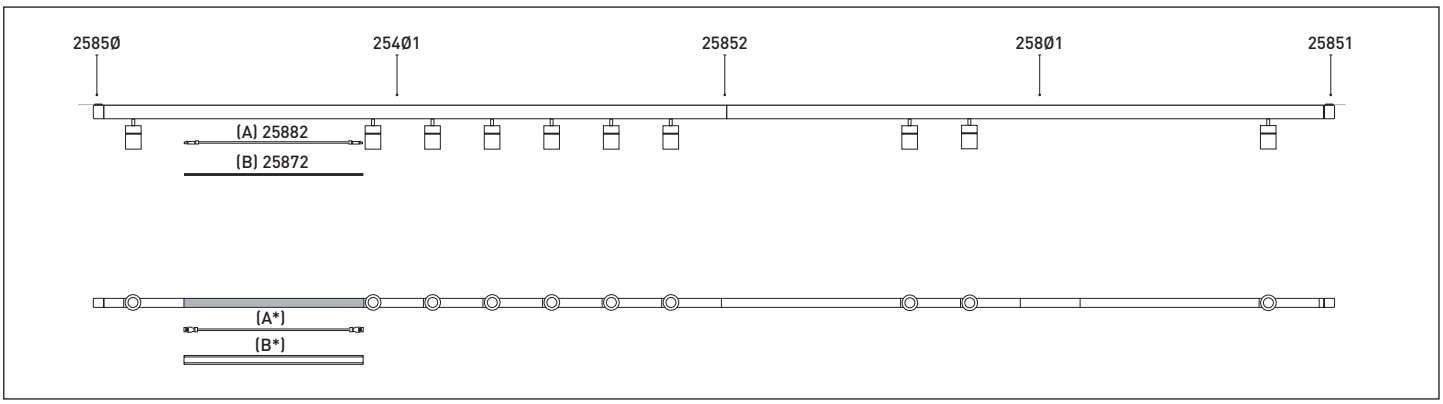
## Components for installation of projectors on surface-mounted rail

| | details | reference | finish reference | possible configuration |
|---|---|---|---|---|
|  | "**elbow**" coupler for surface-mounted rail | Ø.25853.ØØ | 12<br>31 | Ø.25853.ØØ12 |
|  | "**T**" coupler for surface-mounted rail | Ø.25854.ØØ | 12<br>31 | Ø.25854.ØØ12 |
|  | "**X**" coupler for surface-mounted rail | Ø.25855.ØØ | 12<br>31 | Ø.25855.ØØ12 |
|  | concealed mounting rail bracket | Ø.25431.ØØ | 12<br>31 | Ø.25431.ØØ12 |

| details | l/mm (A) | reference | finish reference | possible configuration |
|---|---|---|---|---|
| **(A)** pre-wired power cable with plug and socket | 230 | Ø.2588Ø.ØØ | 00 | Ø.2588Ø.ØØ12 |
| | 460 | Ø.25881.ØØ | | |
| | 690 | Ø.25882.ØØ | | |
| **(B)** hard cover for surface-mounted and suspended mounting rail | 230 | Ø.2587Ø.ØØ | 12 31 | Ø.2587Ø.ØØ12 |
| | 460 | Ø.25871.ØØ | | |
| | 690 | Ø.25872.ØØ | | |

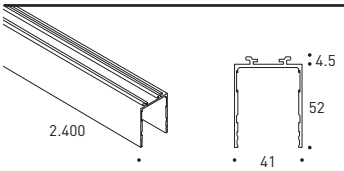
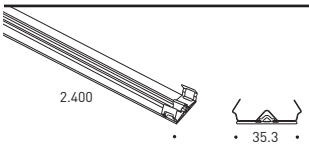
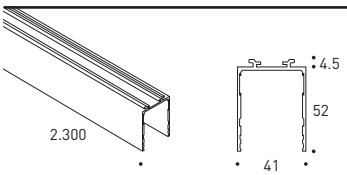
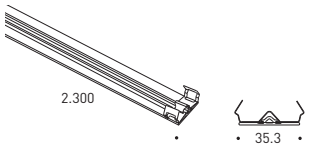
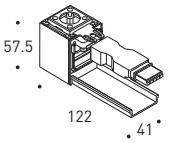
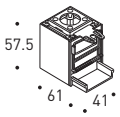
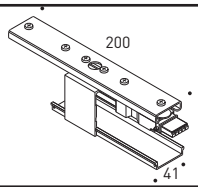
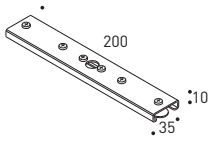
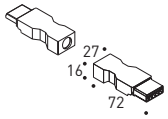
**POSSIBLE CONFIGURATIONS OF MOUNTING RAILS**
Possible strip configuration for up to 10 luminaires using the same power cable

**SURFACE-MOUNTED**

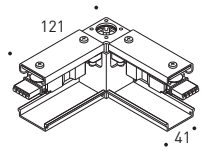
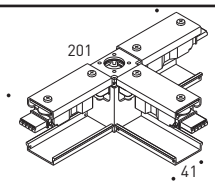
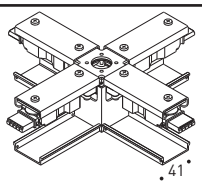



* For custom lengths, consult the manufacturer for information about cable and covers.

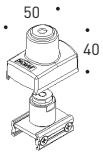
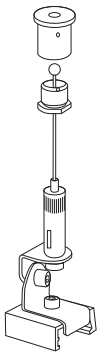
## Components for installation of projectors on suspended mounting rail

| | details | reference | finish reference | possible configuration |
|---|---|---|---|---|
|  | surface-mounted rail + connecting piece<br>length: 2400 mm | Ø.25401.ØØ | 12<br>31 | Ø.25401.ØØ 12 |
|  | mounting rail cover including spring clips<br>length: 2400 mm | Ø.25432.ØØ | 12<br>31 | Ø.25432.ØØ 12 |
|  | 2300 mm surface-mounted rail module add-on 0.25402.00 for strip configuration for up to 10 YORI luminaires on total section, including mechanical coupler | Ø.25801.ØØ | 12<br>31 | Ø.25801.ØØ 12 |
|  | mounting rail cover including spring clips<br>length: 2300 mm | Ø.25874.ØØ | 12<br>31 | Ø.25874.ØØ 12 |
|  | live end cap (dead end) module composed of: connector, 41 mm pronged base cap, fill-in space cover, 81 mm mounting rail cap | Ø.25850.ØØ | 12<br>31 | Ø.25850.ØØ 12 |
|  | terminal end cap (dead end) module composed of: 41 mm cap, 41 mm pronged base cap, fill-in space cover, 20 mm mounting rail cap | Ø.25851.ØØ | 12<br>31 | Ø.25851.ØØ 12 |
|  | centre feed module composed of: central body, mechanical coupler and 142 mm cover | Ø.25857.ØØ | 12<br>31 | Ø.25857.ØØ 12 |
|  | mechanical coupler for strip mounting | Ø.25856.ØØ | 12<br>31 | Ø.25856.ØØ 12 |
|  | connector with plug and socket for electric cable with maximum section of 1.5 mm | Ø.25417.ØØ | 00 | Ø.25417.ØØ 00 |

## Components for installation of projectors on suspended mounting rail

| | details | reference | finish reference | possible configuration |
|---|---|---|---|---|
|  | "**elbow**" coupler for suspended mounting rail | Ø.**25858**.ØØ | 12<br>31 | Ø.25858.ØØ 12 |
|  | "**T**" coupler for suspended mounting rail | Ø.**25859**.ØØ | 12<br>31 | Ø.25859.ØØ 12 |
|  | "**X**" coupler for suspended mounting rail | Ø.**2586Ø**.ØØ | 12<br>31 | Ø.2586Ø.ØØ 12 |

## Components for installation of projectors on suspended mounting rail

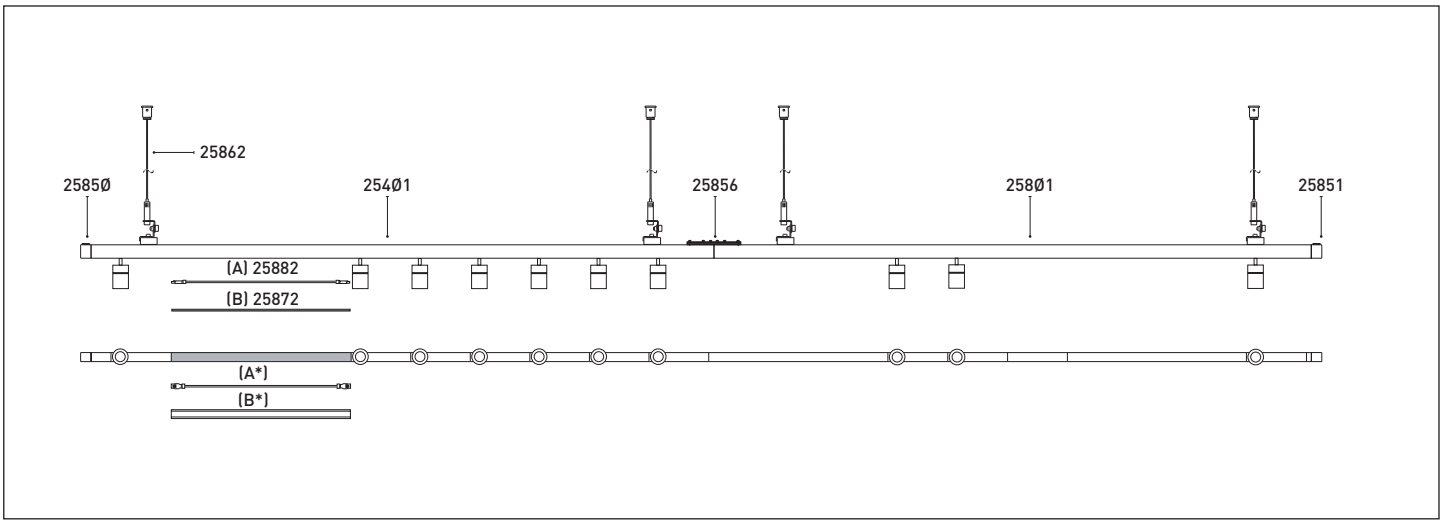
| | details | reference | finish reference | possible configuration |
|---|---|---|---|---|
|  | Point clamp suspension | Ø.Ø**2283**.ØØ | 12<br>31 | Ø.Ø2283.ØØ 10 |
|  | Rod suspension set M6<br>F max 20kg<br>Length: 1000 mm | Ø.Ø**2223**.ØØ | 12<br>31 | Ø.Ø2223.ØØ 12 |
|  | Conduit suspension set<br>F max 20kg<br>Length: 2000 mm, Ø16 mm | Ø.**25862**.ØØ | 12<br>31 | Ø.25862.ØØ 12 |

## Components for installation of projectors on surface-mounted and suspended mounting rail

| details | l/mm (A) | reference | finish reference | possible configuration |
|---|---|---|---|---|
| **(A)** pre-wired power cable with plug and socket | 230 | Ø.**2588Ø**.ØØ | 00 | Ø.2588Ø.ØØ 12 |
| | 460 | Ø.**25881**.ØØ | | |
| | 690 | Ø.**25882**.ØØ | | |
| **(B)** hard cover for surface-mounted and suspended mounting rail | 230 | Ø.**2587Ø**.ØØ | 12 31 | Ø.2587Ø.ØØ 12 |
| | 460 | Ø.**25871**.ØØ | | |
| | 690 | Ø.**25872**.ØØ | | |

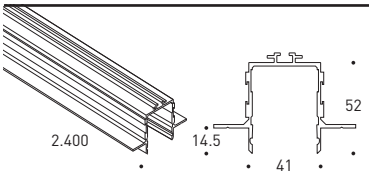
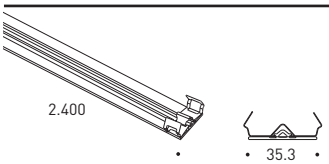
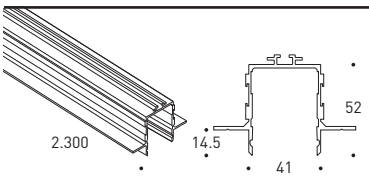
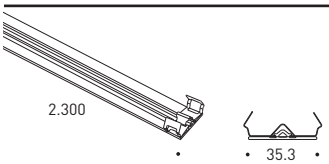
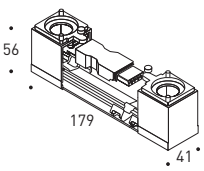
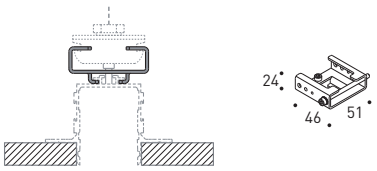
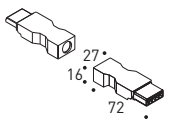
**POSSIBLE CONFIGURATIONS OF MOUNTING RAILS**
Possible strip configuration for up to 10 luminaires using the same power cable

**SUSPENDED**




* For custom lengths, consult the manufacturer for information about cable and covers.

## Components for installation of projectors on trimless mounting rail

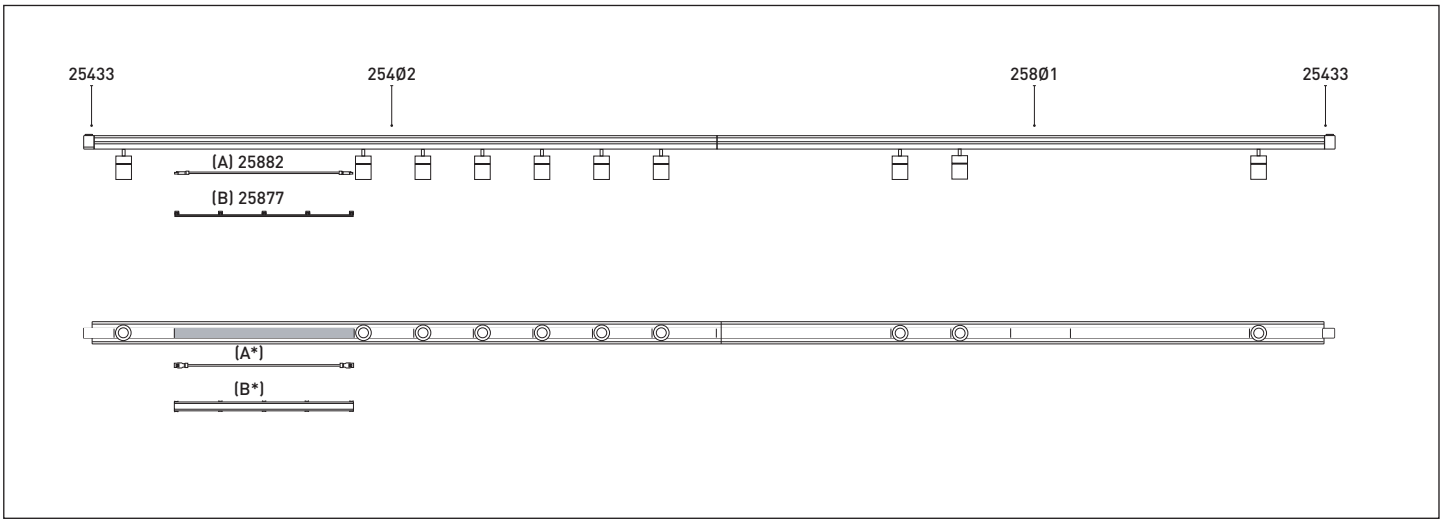
| | details | reference | finish reference | possible configuration |
|---|---|---|---|---|
|  | trimless mounting rail mounting rail + connecting piece<br>length: 2.400 mm | Ø.25**4Ø2**.ØØ | 12<br>31 | Ø.254Ø2.ØØ 12 |
|  | mounting rail cover<br>length: 2400 mm | Ø.**25432**.ØØ | 12<br>31 | Ø.25432.ØØ 12 |
|  | 2300 mm surface-mounted rail module add-on 0.25402.00 for strip configuration for up to 10 YORI luminaires on total section, including mechanical coupler | Ø.**25811**.ØØ | 12<br>31 | Ø.25811.ØØ 12 |
|  | mounting rail cover<br>length: 2.300 mm | Ø.**25874**.ØØ | 12<br>31 | Ø.25874.ØØ 12 |
|  | live end cap (dead end) module composed of: connector, 46.5 mm pronged base cap, fill-in space cover, 129 mm long mounting rail cap | Ø.**25433**.ØØ | 12<br>31 | Ø.25433.ØØ 12 |
|  | accessory for suspended installation | Ø.**2543Ø**.ØØ | 00 | Ø.2543Ø.ØØ 00 |
|  | connector with plug and socket for electric cable with maximum section of 1.5 mm | Ø.**25417**.ØØ | 00 | Ø.25417.ØØ 00 |

## Components for installation of projectors on trimless mounting rail

| details | l/mm (A) | reference | finish reference | possible configuration |
|---|---|---|---|---|
| **(A)** pre-wired power cable with plug and socket | 230 | Ø.**2588Ø**.ØØ | 00 | Ø.2588Ø.ØØ 12 |
| | 460 | Ø.**25881**.ØØ | | |
| | 690 | Ø.**25882**.ØØ | | |
| **(B)** hard cover for surface-mounted and suspended mounting rail | 230 | Ø.**25875**.ØØ | 12 31 | Ø.25875.ØØ 12 |
| | 460 | Ø.**25876**.ØØ | | |
| | 690 | Ø.**25877**.ØØ | | |

**POSSIBLE CONFIGURATIONS OF MOUNTING RAILS**
Possible strip configuration for up to 10 luminaires using the same power cable

**TRIMLESS**



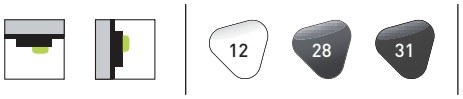

* For custom lengths, consult the manufacturer for information about cable and covers.



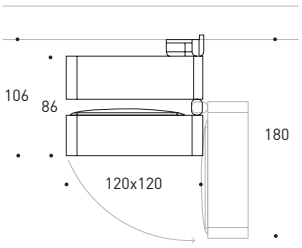
# **SPLYT** SYSTEM

design by: **LAPD**

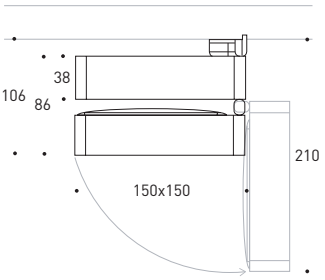
## Projector for 3-circuit track mounting








IP40 | 850° | 90° | 290° | g 950 | NO | DOB

**17 W** — **1500 lm**

| LED | driver reference | product reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | BF3DØ | BF3DØ | 7° | HQ | 1235 | 3000 | >90 | 12 |
| | | | | WW | 1545 | 3000 | >80 | 28 |
| D | | | | NN | 1670 | 4000 | >80 | 31 |
| T | | | | | | | | |
| Ø | CF3DØ | CF3DØ | 22° | HQ | 1235 | 3000 | >90 | 12 |
| | | | | WW | 1545 | 3000 | >80 | 28 |
| D | | | | NN | 1670 | 4000 | >80 | 31 |
| T | | | | | | | | |
| Ø | DF3DØ | DF3DØ | 42° | HQ | 1235 | 3000 | >90 | 12 |
| | | | | WW | 1545 | 3000 | >80 | 28 |
| D | | | | NN | 1670 | 4000 | >80 | 31 |
| T | | | | | | | | |

possible configuration: Ø . BF3DØ . HQ . 12

IP40 | 850° | 90° | 290° | g 1200 | NO | DOB

**31 W** — **3000 lm**

| LED | driver reference | product reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | BF3GØ | BF3GØ | 7° | HQ | 2240 | 3000 | >90 | 12 |
| | | | | WW | 2800 | 3000 | >80 | 28 |
| D | | | | NN | 3025 | 4000 | >80 | 31 |
| T | | | | | | | | |
| Ø | CF3GØ | CF3GØ | 22° | HQ | 2240 | 3000 | >90 | 12 |
| | | | | WW | 2800 | 3000 | >80 | 28 |
| D | | | | NN | 3025 | 4000 | >80 | 31 |
| T | | | | | | | | |
| Ø | DF3GØ | DF3GØ | 42° | HQ | 2240 | 3000 | >90 | 12 |
| | | | | WW | 2800 | 3000 | >80 | 28 |
| D | | | | NN | 3025 | 4000 | >80 | 31 |
| T | | | | | | | | |

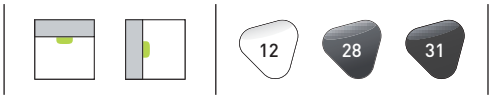
possible configuration: Ø . BF3GØ . HQ . 12

Accessories (pg. 133).Components for track (pg. 548-553).
Photometric data (pg. 741).

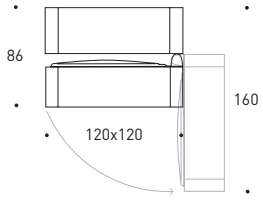
Accessories (pg. 133).Components for track (pg. 548-553).
Photometric data (pg. 741).

REGGIANI

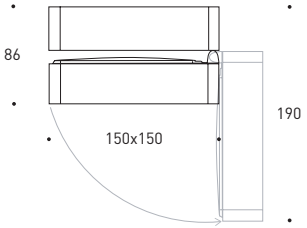
## Surface-mounted projector








IP40 | 850° | 90° | 290° | g 850 | DOB

**17 W** — **1500 lm**

| LED | driver reference | product reference | beam width ▲ | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | | UF3DØ | 7° | HQ | 1235 | 3000 | >90 | 12 |
| | | | | WW | 1545 | 3000 | >80 | 28 |
| D | | | | NN | 1670 | 4000 | >80 | 31 |
| T | | | | | | | | |
| Ø | | VF3DØ | 22° | HQ | 1235 | 3000 | >90 | 12 |
| | | | | WW | 1545 | 3000 | >80 | 28 |
| D | | | | NN | 1670 | 4000 | >80 | 31 |
| T | | | | | | | | |
| Ø | | ZF3DØ | 42° | HQ | 1235 | 3000 | >90 | 12 |
| | | | | WW | 1545 | 3000 | >80 | 28 |
| D | | | | NN | 1670 | 4000 | >80 | 31 |
| T | | | | | | | | |

possible configuration: Ø . UF3DØ . HQ . 12

IP40 | 850° | 90° | 290° | g 1100 | DOB

**31 W** — **3000 lm**

| LED | driver reference | product reference | beam width ▲ | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | | UF3GØ | 7° | HQ | 2240 | 3000 | >90 | 12 |
| | | | | WW | 2800 | 3000 | >80 | 28 |
| D | | | | NN | 3025 | 4000 | >80 | 31 |
| T | | | | | | | | |
| Ø | | VF3GØ | 22° | HQ | 2240 | 3000 | >90 | 12 |
| | | | | WW | 2800 | 3000 | >80 | 28 |
| D | | | | NN | 3025 | 4000 | >80 | 31 |
| T | | | | | | | | |
| Ø | | ZF3GØ | 42° | HQ | 2240 | 3000 | >90 | 12 |
| | | | | WW | 2800 | 3000 | >80 | 28 |
| D | | | | NN | 3025 | 4000 | >80 | 31 |
| T | | | | | | | | |

possible configuration: Ø . UF3GØ . HQ . 12

45°

Accessories (pg. 133).
Photometric data (pg. 741).

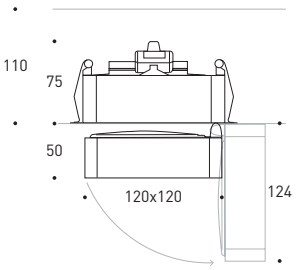
45°

Accessories (pg. 133).
Photometric data (pg. 741).

## Semi-recessed projector with bezel and remote driver

12 28 31






IP40 850° 90° 290° g 1100 129x129 DOB

**17 W** — **1500 lm**

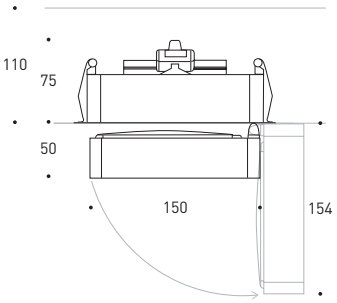
| LED | driver reference | product reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | | LF3DØ | 7° | HQ | 1235 | 3000 | >90 | 12 |
| D | | | | WW | 1545 | 3000 | >80 | 28 |
| T | | | | NN | 1670 | 4000 | >80 | 31 |
| Ø | | MF3DØ | 22° | HQ | 1235 | 3000 | >90 | 12 |
| D | | | | WW | 1545 | 3000 | >80 | 28 |
| T | | | | NN | 1670 | 4000 | >80 | 31 |
| Ø | | NF3DØ | 42° | HQ | 1235 | 3000 | >90 | 12 |
| D | | | | WW | 1545 | 3000 | >80 | 28 |
| T | | | | NN | 1670 | 4000 | >80 | 31 |

possible configuration: Ø . LF3DØ . HQ . 12



Accessories (pg. 133).
Photometric data (pg. 741).






IP40 850° 90° 290° g 1400 159x159 DOB

**31 W** — **3000 lm**

| LED | driver reference | product reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | | LF3GØ | 7° | HQ | 2240 | 3000 | >90 | 12 |
| D | | | | WW | 2800 | 3000 | >80 | 28 |
| T | | | | NN | 3025 | 4000 | >80 | 31 |
| Ø | | MF3GØ | 22° | HQ | 2240 | 3000 | >90 | 12 |
| D | | | | WW | 2800 | 3000 | >80 | 28 |
| T | | | | NN | 3025 | 4000 | >80 | 31 |
| Ø | | NF3GØ | 42° | HQ | 2240 | 3000 | >90 | 12 |
| D | | | | WW | 2800 | 3000 | >80 | 28 |
| T | | | | NN | 3025 | 4000 | >80 | 31 |

possible configuration: Ø . LF3GØ . HQ . 12



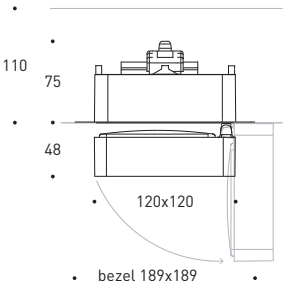
Accessories (pg. 133).
Photometric data (pg. 741).

REGGIANI

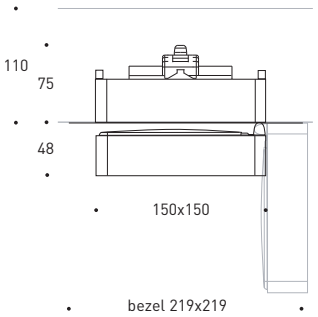
## Semi-recessed trimless projector with remote driver

12 28 31








IP40 | 850° | 90° | 290° | g 1050 | 129x129 | DOB

**17 W** — **1500 lm**

| LED | driver reference | product reference | beam width ▲ | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | PF3DØ | 7° | HQ | 1235 | 3000 | >90 | 12 |
| | | | WW | 1545 | 3000 | >80 | 28 |
| D | | | NN | 1670 | 4000 | >80 | 31 |
| T | | | | | | | | |
| Ø | RF3DØ | 22° | HQ | 1235 | 3000 | >90 | 12 |
| | | | WW | 1545 | 3000 | >80 | 28 |
| D | | | NN | 1670 | 4000 | >80 | 31 |
| T | | | | | | | | |
| Ø | TF3DØ | 42° | HQ | 1235 | 3000 | >90 | 12 |
| | | | WW | 1545 | 3000 | >80 | 28 |
| D | | | NN | 1670 | 4000 | >80 | 31 |
| T | | | | | | | | |

possible configuration: Ø . PF3DØ . HQ . 12

IP40 | 850° | 90° | 290° | g 1400 | 159x159 | DOB

**31 W** — **3000 lm**

| LED | driver reference | product reference | beam width ▲ | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | PF3GØ | 7° | HQ | 2240 | 3000 | >90 | 12 |
| | | | WW | 2800 | 3000 | >80 | 28 |
| D | | | NN | 3025 | 4000 | >80 | 31 |
| T | | | | | | | | |
| Ø | RF3GØ | 22° | HQ | 2240 | 3000 | >90 | 12 |
| | | | WW | 2800 | 3000 | >80 | 28 |
| D | | | NN | 3025 | 4000 | >80 | 31 |
| T | | | | | | | | |
| Ø | TF3GØ | 42° | HQ | 2240 | 3000 | >90 | 12 |
| | | | WW | 2800 | 3000 | >80 | 28 |
| D | | | NN | 3025 | 4000 | >80 | 31 |
| T | | | | | | | | |

possible configuration: Ø . PF3GØ . HQ . 12

45°

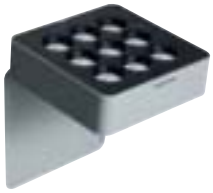
Accessories (pg. 133).
Photometric data (pg. 741).

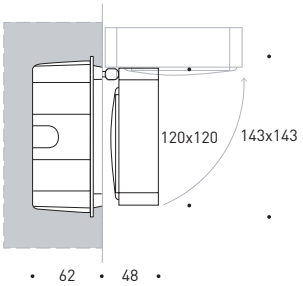
45°

Accessories (pg. 133).
Photometric data (pg. 741).

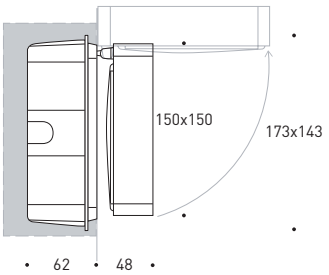
## Wall-mounted projector

12 28 31








IP40 | 850° | 90° | 290° | g 1000 | 145x145 | DOB

IP40 | 850° | 90° | 290° | g 1300 | 175x175 | DOB

**17 W** — **1500 lm**

| LED | driver reference | product reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | | FF3DØ | 7° | HQ | 1235 | 3000 | >90 | 12 |
| | | | | WW | 1545 | 3000 | >80 | 28 |
| D | | | | NN | 1670 | 4000 | >80 | 31 |
| T | | | | | | | | |
| Ø | | GF3DØ | 22° | HQ | 1235 | 3000 | >90 | 12 |
| | | | | WW | 1545 | 3000 | >80 | 28 |
| D | | | | NN | 1670 | 4000 | >80 | 31 |
| T | | | | | | | | |
| Ø | | HF3DØ | 42° | HQ | 1235 | 3000 | >90 | 12 |
| | | | | WW | 1545 | 3000 | >80 | 28 |
| D | | | | NN | 1670 | 4000 | >80 | 31 |
| T | | | | | | | | |

possible configuration: Ø . FF3DØ . HQ . 12

**31 W** — **3000 lm**

| LED | driver reference | product reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| Ø | | FF3GØ | 7° | HQ | 2240 | 3000 | >90 | 12 |
| | | | | WW | 2800 | 3000 | >80 | 28 |
| D | | | | NN | 3025 | 4000 | >80 | 31 |
| T | | | | | | | | |
| Ø | | GF3GØ | 22° | HQ | 2240 | 3000 | >90 | 12 |
| | | | | WW | 2800 | 3000 | >80 | 28 |
| D | | | | NN | 3025 | 4000 | >80 | 31 |
| T | | | | | | | | |
| Ø | | HF3GØ | 42° | HQ | 2240 | 3000 | >90 | 12 |
| | | | | WW | 2800 | 3000 | >80 | 28 |
| D | | | | NN | 3025 | 4000 | >80 | 31 |
| T | | | | | | | | |

possible configuration: Ø . FF3GØ . HQ . 12

45°

Accessories (pg. 133).
Photometric data (pg. 741).

45°

Accessories (pg. 133).
Photometric data (pg. 741).

## Accessories
LED





| SPLYT | details | reference | finish reference |
|---|---|---|---|
| | honeycomb louvre | Ø.2212Ø.ØØ | 12<br>28<br>31 |
| 45° | anti-glare shield | Ø.221ØØ.ØØ | 12<br>28<br>31 |
| | optics Wall Washer | Ø.2214Ø.ØØ | 12<br>28<br>31 |
| | possible configuration | Ø.2212Ø.ØØ 12 | |

| SPLYT | details | reference | finish reference |
|---|---|---|---|
| | honeycomb louvre | Ø.2213Ø.ØØ | 12<br>28<br>31 |
| 45° | anti-glare shield | Ø.2211Ø.ØØ | 12<br>28<br>31 |
| | optics Wall Washer | Ø.2215Ø.ØØ | 12<br>28<br>31 |
| | possible configuration | Ø.2213Ø.ØØ 12 | |

**ACCESSORY INSTALLATION**

**↘1**
honeycomb louvre

**↘2**
anti-glare shield

**↘3**
Wall Washer optics









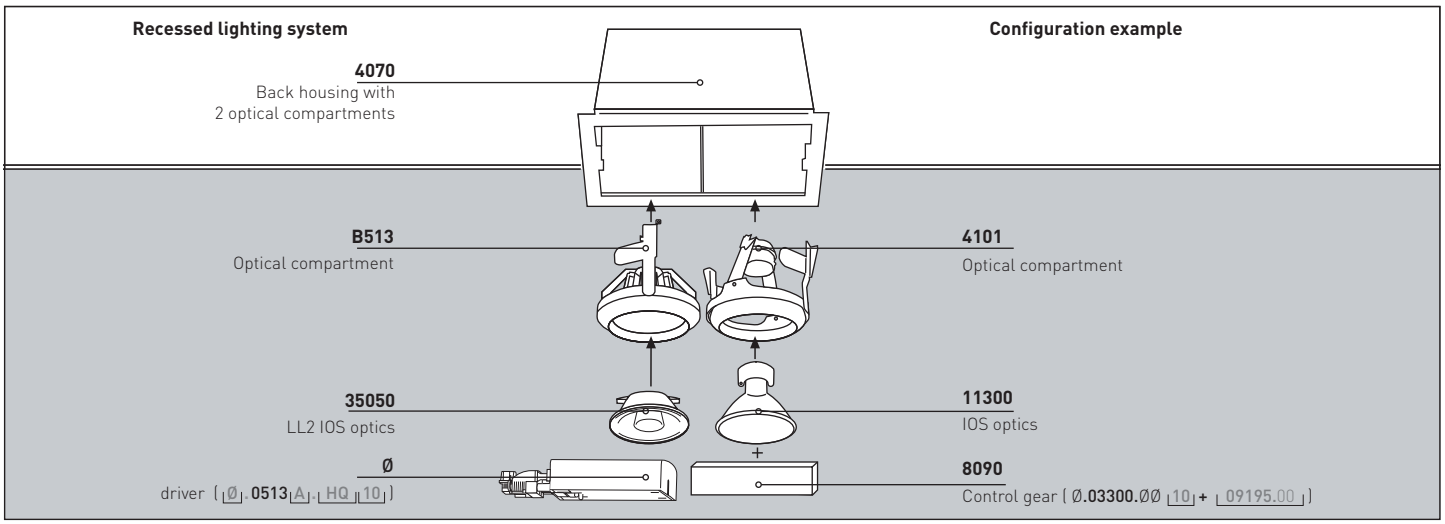


# MOSAICO EASY IOS

## modular recessed lighting system

## Back housings
trimless / with bezel

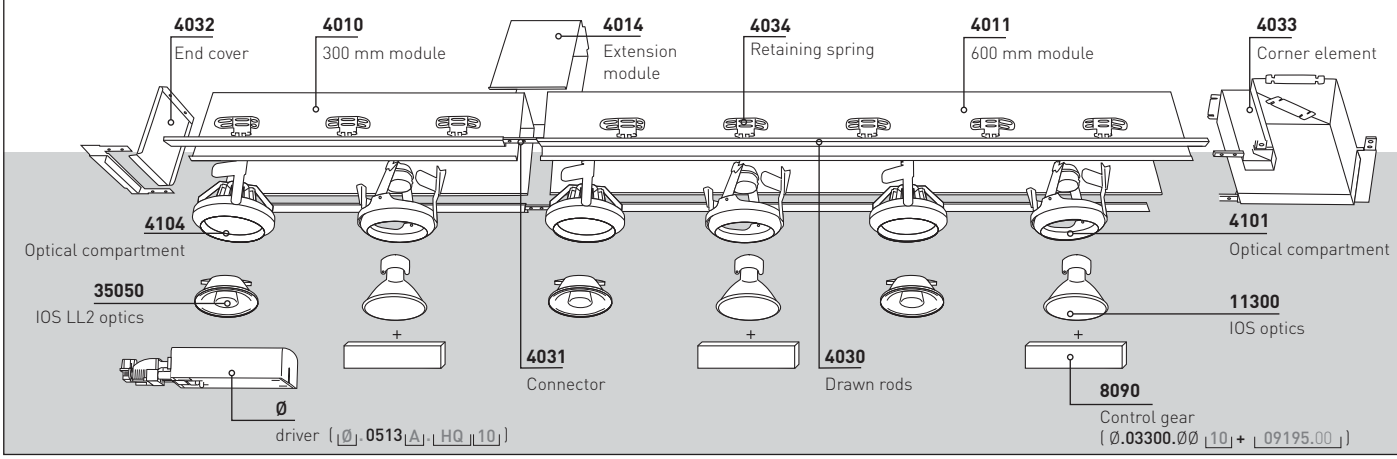
In order to achieve the desired lighting configuration, the is supplied without optical compartments.
When ordering, it is necessary to indicate the reference for **the back housing** (Ø.**03280.**ØØ[10]).



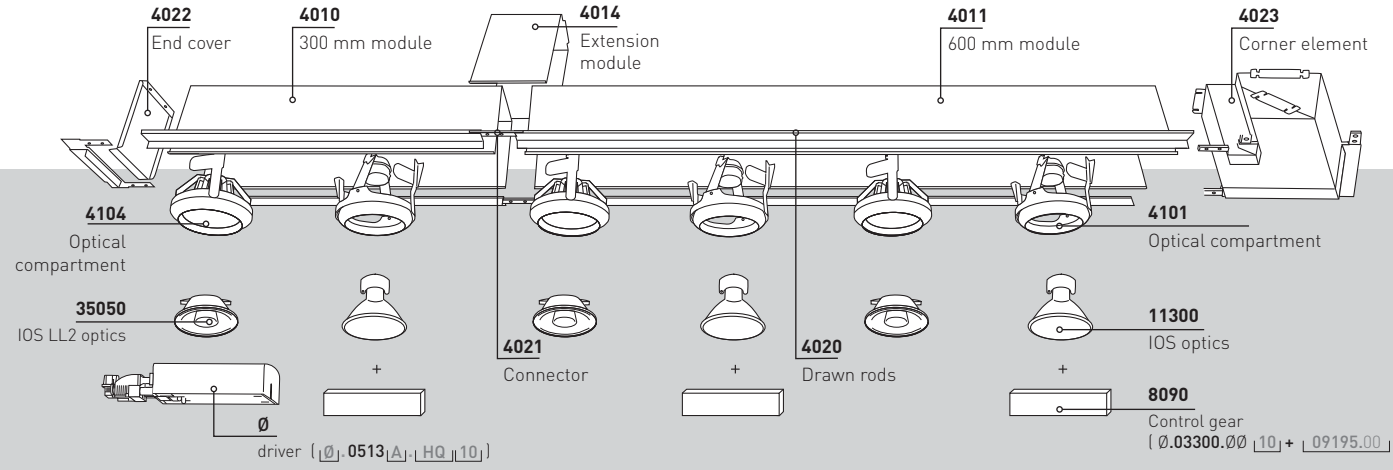

| **BACK HOUSING** WITH 1 TO 2 MODULES PLACED IN LINE | details | mm | reference | finish reference | possible configuration |
|---|---|---|---|---|---|
|  | back housing for 1 optical compartment - **trimless** | 148x148 | Ø.**04Ø7Ø**.ØØ | [21] | Ø.**04Ø7Ø.**ØØ[21] |
|  | back housing for 1 optical compartment - **with bezel** | 155x155 | Ø.**04Ø8Ø**.ØØ | [21] | Ø.**04Ø8Ø.**ØØ[21] |
|  | back housing for 2 optical compartment - **trimless** | 288x148 | Ø.**04Ø71**.ØØ | [21] | Ø.**04Ø71.**ØØ[21] |
|  | back housing for 2 optical compartment - **with bezel** | 310x155 | Ø.**04Ø81**.ØØ | [21] | Ø.**04Ø81.**ØØ[21] |
|  | back housing for 3 optical compartment - **trimless** | 424x155 | Ø.**04Ø72**.ØØ | [21] | Ø.**04Ø72.**ØØ[21] |
|  | back housing for 3 optical compartment - **with bezel** | 437x155 | Ø.**04Ø82**.ØØ | [21] | Ø.**04Ø82.**ØØ[21] |

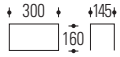
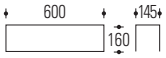
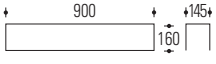
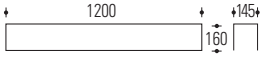
## Modular recessed lighting system (with bezel / trimless)

**Configuration example - with bezel**




**Configuration example - trimless**

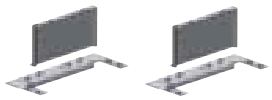
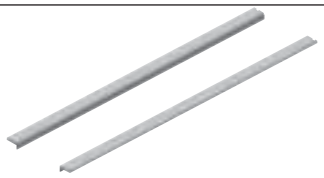



| MODULE | details | l/mm | reference | finish reference | possible configuration |
|---|---|---|---|---|---|
|    | Module for max 2 optical compartments | 300 | Ø.**Ø4Ø1Ø**.ØØ | 21 | Ø.**Ø4Ø1Ø**.ØØ 21 |
|    | Module for max 4 optical compartments | 600 | Ø.**Ø4Ø11**.ØØ | 21 | Ø.**Ø4Ø11**.ØØ 21 |
|    | Module for max 6 optical compartments | 900 | Ø.**Ø4Ø12**.ØØ | 21 | Ø.**Ø4Ø12**.ØØ 21 |
|    | Module for max 8 optical compartments | 1200 | Ø.**Ø4Ø13**.ØØ | 21 | Ø.**Ø4Ø13**.ØØ 21 |

## Modular recessed lighting system with bezel

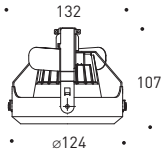
| | details | reference | finish reference | possible configuration |
|---|---|---|---|---|
|  | pair of end covers | Ø.**Ø4Ø32**.ØØ | ⌊21⌋ | Ø.**Ø4Ø32.**ØØ⌊21⌋ |
|  | pair of drawn rods for installation with bezel<br>(length 3000 mm) | Ø.**Ø4Ø3Ø**.ØØ | ⌊21⌋ | Ø.**Ø4Ø3Ø.**ØØ⌊21⌋ |
|  | ClikFix retainer device (2 pcs) for pair of drawn rods (spacing 350 mm) | Ø.**Ø4Ø34**.ØØ | ⌊00⌋ | Ø.**Ø4Ø34.**ØØ⌊00⌋ |
|  | connector (2 pcs) | Ø.**Ø4Ø31**.ØØ | ⌊00⌋ | Ø.**Ø4Ø31.**ØØ⌊00⌋ |
|  | extension module from 10 to 130 mm | Ø.**Ø4Ø14**.ØØ | ⌊21⌋ | Ø.**Ø4Ø14.**ØØ⌊21⌋ |
|  | corner element, 90° | Ø.**Ø4Ø33**.ØØ | ⌊21⌋ | Ø.**Ø4Ø33.**ØØ⌊21⌋ |
|  | fitting for air conditioning, Ø 100 mm | Ø.**Ø4Ø91**.ØØ | ⌊21⌋ | Ø.**Ø4Ø91.**ØØ⌊21⌋ |

## Trimless modular recessed lighting system

| | details | reference | finish reference | possible configuration |
|---|---|---|---|---|
|  | pair of end covers | Ø.**Ø4Ø22**.ØØ | [21] | Ø.**Ø4Ø22.**ØØ[21] |
|  | pair of drawn rods for installation with bezel (length 3000 mm) | Ø.**Ø4Ø2Ø**.ØØ | [21] | Ø.**Ø4Ø2Ø.**ØØ[21] |
|  | connector | Ø.**Ø4Ø21**.ØØ | [00] | Ø.**Ø4Ø21.**ØØ[00] |
|  | extension module from 10 to 130 mm | Ø.**Ø4Ø14**.ØØ | [21] | Ø.**Ø4Ø14.**ØØ[21] |
|  | corner element, 90° | Ø.**Ø4Ø33**.ØØ | [21] | Ø.**Ø4Ø33.**ØØ[21] |
|  | fitting for air conditioning, Ø 100 mm | Ø.**Ø4Ø91**.ØØ | [21] | Ø.**Ø4Ø91.**ØØ[21] |

## Optical compartment with LED and control gear technology






IP20 | IOS | 850° | g 560

**13 W — 1500 lm**

| LED | driver reference | optical compartment reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | B513 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | V | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| | D | | C | 21° | NN | 1661 | 4000 | >80 | |
| | T | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira α/β | | | | | |
| | | | K | without optics | | | | | |
| possible configuration* | | | | | Ø, B513, A, HQ, 10 | | | | |

**22 W — 2500 lm**

| LED | driver reference | optical compartment reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | B515 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | V | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| | D | | C | 21° | NN | 2759 | 4000 | >80 | |
| | T | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira α/β | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø, B515, A, HQ, 10 | | | | |

In order to achieve the desired lighting configuration, when ordering it is necessary to indicate the references for: driver, optical compartment, optics, lumen package and finish.

**30 W — 3500 lm**

| LED | driver reference | optical compartment reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | B517 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| | V | | B | 15° | WW | 3617 | 3000 | >80 | 21 |
| | D | | C | 21° | NN | 3798 | 4000 | >80 | |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira α/β | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø, B517, A, HQ, 10 | | | | |

In order to achieve the desired lighting configuration, when ordering it is necessary to indicate the references for: driver, optical compartment, optics, lumen package and finish.

LED IOS LL2 | LED IOS LL2 FOOD

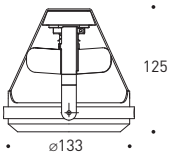
Back housings (pg. 136). Accessories (pg. 143).
Photometric data (pg. 704-705 / 708-709 / 712-713).

REGGIANI

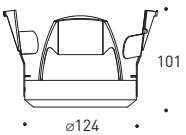
## Optical compartment for metal halide lamps

10 21 28








IP20 IOS 850° g 348

| MH IOS | MT G12 | optical compartment reference | finish reference |
|---|---|---|---|
| 35 - 150 W | | Ø.**Ø41ØØ**.ØØ | 10<br>21<br>28 |

IOS MH4 optics




| optical compartment reference | finish reference |
|---|---|
| Ø.**Ø33Ø5**.ØØ | 10° - 12° - 14° - 16° |
| Ø.**Ø33Ø6**.ØØ | 30° - 22° - 24° - 24° |
| Ø.**Ø33Ø7**.ØØ | 88° - 74° - 78° - 82° |
| Ø.**Ø33Ø8**.ØØ | Mira |

control gear technologies

| | |
|---|---|
| **Ø8Ø94**.ØØ | HF for metal halide lamps, 20W |
| **Ø8Ø9Ø**.ØØ | HF for metal halide lamps, 35W |
| **Ø8Ø96**.ØØ | HF for metal halide lamps, 70W |
| **Ø8Ø89**.ØØ | HF for metal halide lamps, 150W |

possible configuration: Ø.**Ø41ØØ**.ØØ [10] + [03305.ØØ] + [08094.00]

In order to achieve the desired lighting configuration, when ordering it is necessary to indicate the references for: optical compartment, optics, control gear technology and finish.

IP20 IOS 850° g 311

| MH IOS | CDM-TC G8.5 | optical compartment reference | finish reference |
|---|---|---|---|
| 20 - 35 - 70 W | | Ø.**Ø41Ø1**.ØØ | 10<br>21<br>28 |

IOS MH2 optics




| optical compartment reference | finish reference |
|---|---|
| Ø.**113ØØ**.ØØ | 14° - 16° |
| Ø.**113Ø1**.ØØ | 34° - 34° |
| Ø.**113Ø2**.ØØ | 56° - 58° |
| Ø.**113Ø3**.ØØ | Mira |

control gear technologies

| | |
|---|---|
| **Ø8Ø94**.ØØ | HF for metal halide lamps, 20W |
| **Ø8Ø9Ø**.ØØ | HF for metal halide lamps, 35W |
| **Ø8Ø96**.ØØ | HF for metal halide lamps, 70W |
| **Ø8Ø89**.ØØ | HF for metal halide lamps, 150W |

possible configuration: Ø.**Ø41Ø1**.ØØ [10] + [11300.ØØ] + [08094.00]

In order to achieve the desired lighting configuration, when ordering it is necessary to indicate the references for: optical compartment, optics, control gear technology and finish.

MH IOS MH4 | MH IOS MH4 FOOD | MH IOS MH4 UV/IR | MH IOS MH4

Back housings (pg. 136). Accessories (pg. 143).
Photometric data (pg. 769).

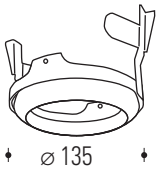
MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

Back housings (pg. 136). Accessories (pg. 143).
Photometric data (pg. 769767).

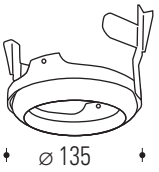
## Optical compartment for low voltage halogen lamps with built-in reflector and metal halide lamps

10 21 28








IP20 | 850° | g 269

| HALO | QR-111 G53 | optical compartment reference | finish reference |
|---|---|---|---|
| | 65 W | Ø.Ø41Ø2.ØØ | 10<br>21 |

| control gear technologies | |
|---|---|
| Ø9196.ØØ | Electronic transformer 100W |

possible configuration: Ø.Ø41Ø2.ØØ 10 + 09196.00

In order to achieve the desired lighting configuration, when ordering it is necessary to indicate the references for: optical compartment,, control gear technology and finish.

IP20 | 850° | g 244

| MH | CDM-R111 GX8.5 | optical compartment reference | finish reference |
|---|---|---|---|
| | 20-35-70 W | Ø.Ø41Ø3.ØØ | 10<br>21 |

| control gear technologies | |
|---|---|
| Ø8Ø94.ØØ | HF for metal halide lamps, 20W |
| Ø8Ø9Ø.ØØ | HF for metal halide lamps, 35W |
| Ø8Ø96.ØØ | HF for metal halide lamps, 70W |

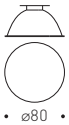
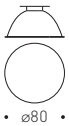
possible configuration: Ø.Ø41Ø3.ØØ 10 + 08094.00

In order to achieve the desired lighting configuration, when ordering it is necessary to indicate the references for: optical compartment, control gear technology and finish.

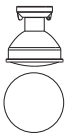
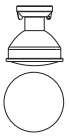
Back housings (pg. 136).

Back housings (pg. 136).

## Accessories
LED

| MOSAICO EASYIOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.**3505Ø**.ØØ | 00 |
| | | | B | 15° | Ø.**3504Ø**.ØØ | |
| | | | C | 21° | Ø.**3505Ø**.ØØ | |
| | | | D | 29° | Ø.**3505Ø**.ØØ | |
| | | | E | 51° | Ø.**3505Ø**.ØØ | |
| | | | F | Mira* | Ø.**3505Ø**.ØØ | |
| | | | H | W. W. | Ø.**3505Ø**.ØØ | |
| LED IOS LL2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.**3505Ø**.ØØ | 64 |
| | | | | 15° | Ø.**3504Ø**.ØØ | 65 |
| | | | | 21° | Ø.**3505Ø**.ØØ | 66 |
| | | | | 29° | Ø.**3505Ø**.ØØ | 67 |
| | | | | 51° | Ø.**3505Ø**.ØØ | |
| possible configuration | | | | | Ø.3505Ø.ØØ 00 | |

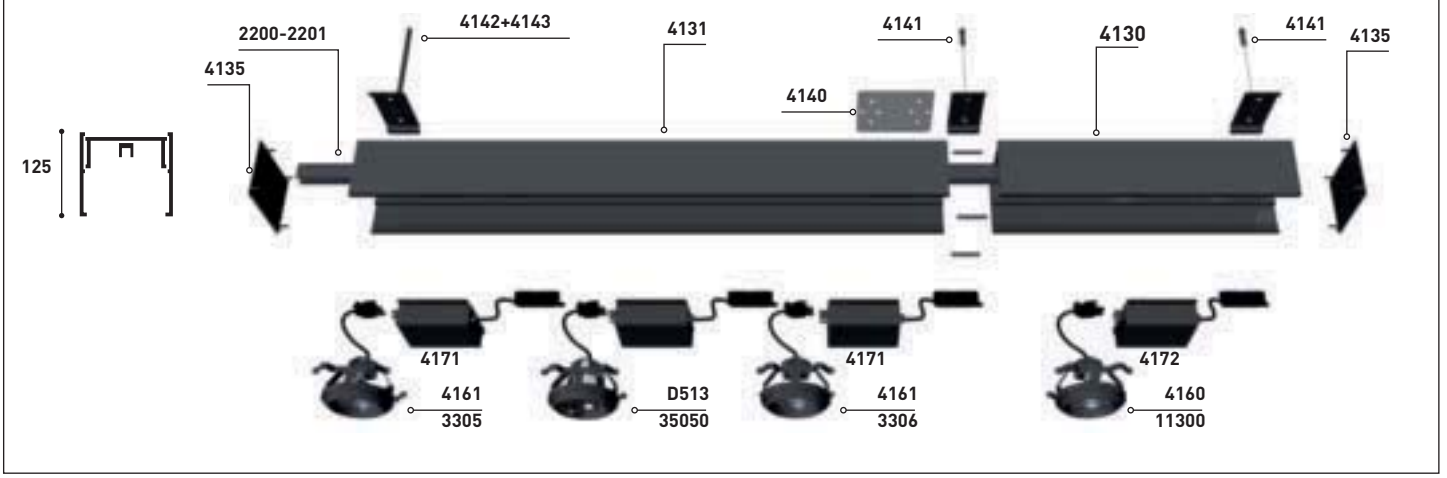
## Accessories
metal halide lamps

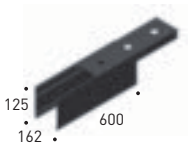
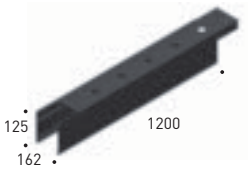
| MOSAICO EASYIOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16° | Ø.**1130Ø**.ØØ | 00 |
| | | | | 34° | Ø.**1130Ø**.ØØ | |
| | | | | 56°/58° | Ø.**1130Ø**.ØØ | |
| | | | | Mira* | Ø.**1130Ø**.ØØ | |
| MH IOS MH2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16° | Ø.**1130Ø**.ØØ | 64 |
| | | | | 34° | Ø.**1130Ø**.ØØ | 65 |
| | | | | 56°/58° | Ø.**1130Ø**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH2 UV/IR<br>MH IOS MH2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16° | Ø.**1130Ø**.ØØ | 59 |
| | | | | 34° | Ø.**1130Ø**.ØØ | 79 |
| | | | | 56°/58° | Ø.**1130Ø**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| MH IOS MH4 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS HL2 | 10°/12°<br>14°/16° | Ø.**0330Ø**.ØØ | 00 |
| | | | | 30°/22°<br>24°/24° | Ø.**0330Ø**.ØØ | |
| | | | | 88°/74°<br>78°/82° | Ø.**0330Ø**.ØØ | |
| MH IOS MH4 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS HL2 | 10°/12°<br>14°/16° | Ø.**0330Ø**.ØØ | 64 |
| | | | | 30°/22°<br>24°/24° | Ø.**0330Ø**.ØØ | 65 |
| | | | | 88°/74°<br>78°/82° | Ø.**0330Ø**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH4 UV/IR<br>MH IOS MH4 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS HL2 | 10°/12°<br>14°/16° | Ø.**0330Ø**.ØØ | 59 |
| | | | | 30°/22°<br>24°/24° | Ø.**0330Ø**.ØØ | 79 |
| | | | | 88°/74°<br>78°/82° | Ø.**0330Ø**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| possible configuration | | | | | Ø.1130Ø.ØØ 10 | |

## Surface-mounted and pendant modular lighting system

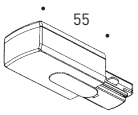
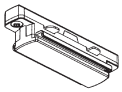
In order to achieve the desired lighting configuration, the structure is supplied without optical compartments. When ordering, it is necessary to indicate the references for: the **channel**, the **end covers,** the **optical compartment**, the **IOS** optics and corresponding **control gear technologies**.
For pendant configurations, when ordering it is also necessary to indicate the references for the **wire set** or the **rod set**.

**Configuration example**




| MODULE | details | l/mm | reference | finish reference | possible configuration |
|---|---|---|---|---|---|
|   | module + connectors (2 pcs) | 600 | Ø.**Ø4130**.ØØ | 10<br>21 | Ø.**Ø4130**.ØØ 10 |
|   | module + connectors (2 pcs) | 1200 | Ø.**Ø4131**.ØØ | 10<br>21 | Ø.**Ø4131**.ØØ 10 |
|  | 1-circuit track | 2000<br>3000 | Ø.**Ø22ØØ**.ØØ<br>Ø.**Ø22Ø1**.ØØ | 10<br>21 | Ø.**Ø22ØØ**.ØØ 10 |
|  | end covers (2 pcs) + alignment template included | | Ø.**Ø4135**ØØ | 10<br>21 | Ø.**Ø4135**.ØØ 10 |
|  | coupling plate (for ceiling mounting only, 1 pc) | | Ø.**Ø414Ø**.ØØ | 10<br>21 | Ø.**Ø414Ø**.ØØ 10 |

## Surface-mounted and pendant modular lighting system

| | details | reference | finish reference | possible configuration |
|---|---|---|---|---|
|  | track control gear | Ø.**Ø22Ø8**.ØØ | 10<br>21 | Ø.**Ø22Ø8.**ØØ 10 |
|  | track end cap (dead end) | Ø.**Ø222Ø**.ØØ | 10<br>21 | Ø.**Ø222Ø.**ØØ 10 |
|  | track connector | Ø.**Ø2211**.ØØ | 10<br>21 | Ø.**Ø2211.**ØØ 10 |
|  | 5000 mm long wire (1 pc) + support plate | Ø.**Ø4141**.ØØ | 10<br>21 | Ø.**Ø4141.**ØØ 10 |
|  | rod device + 5000 mm long wire (1 pc) + support plate | Ø.**Ø4142**.ØØ | 10<br>21 | Ø.**Ø4142.**ØØ 10 |
|  | 3000 mm long rod conduit (1 pc) | Ø.**Ø4143**.ØØ | 10<br>21 | Ø.**Ø4143.**ØØ 10 |

## Optical compartment with LED and control gear technology



IP20 | IOS | 850° | g 1233

### 13 W — 1500 lm

| LED | driver reference | optical compartment reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | D513 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| | V | | C | 21° | NN | 1661 | 4000 | >80 | |
| | | | D | 29° | | | | | |
| | D | | E | 51° | | | | | |
| | | | F | Mira α/β | | | | | |
| | T | | K | without optics | | | | | |

possible configuration: Ø.D513 [A] . [HQ] [10]

In order to achieve the desired lighting configuration, when ordering it is necessary to indicate the references for: driver, optical compartment, optics, lumen package and finish.

| finish reference | emergency pack |
|---|---|
| Ø4181.ØØ 10 | emergency pack tray |
| 21 | |

possible configuration: Ø.04181.ØØ [10]

LED IOS LL2 | LED IOS LL2 FOOD

Module (pg. 144). Accessories (pg. 149).
Photometric data (pg. 704-705).

### 22 W — 1500 lm

| LED | driver reference | optical compartment reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | D515 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| | V | | C | 21° | NN | 2759 | 4000 | >80 | |
| | | | D | 29° | | | | | |
| | D | | E | 51° | | | | | |
| | | | F | Mira α/β | | | | | |
| | T | | K | without optics | | | | | |

possible configuration: Ø.D515 [A] . [HQ] [10]

In order to achieve the desired lighting configuration, when ordering it is necessary to indicate the references for: driver, optical compartment, optics, lumen package and finish.

| finish reference | emergency pack |
|---|---|
| Ø4181.ØØ 10 | emergency pack tray |
| 21 | |

possible configuration: Ø.04181.ØØ [10]

LED IOS LL2 | LED IOS LL2 FOOD

Module (pg. 144). Accessories (pg. 149).
Photometric data (pg. 708-709).

## Optical compartment with LED and control gear technology



IP20 | IOS | 850° | g 1489

**30 W** — **3500 lm**

| LED | driver reference | optical compartment reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | D517 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | V | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| | D | | C | 21° | NN | 2759 | 4000 | >80 | |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira α/β | | | | | |
| | | | K | without optics | | | | | |

| possible configuration | Ø.D517 A, HQ 10 |
|---|---|

In order to achieve the desired lighting configuration, when ordering it is necessary to indicate the references for: driver, optical compartment, optics, lumen package and finish.

| | finish reference | emergency pack |
|---|---|---|
| Ø4181.ØØ | 10 | emergency pack tray |
| | 21 | |

| possible configuration | Ø.04181.ØØ 10 |
|---|---|

LED IOS LL2 | LED IOS LL2 FOOD

Module (pg. 144). Accessories (pg. 149).
Photometric data (pg. 712-713).

## Optical compartment for metal halide lamps

10 21 28

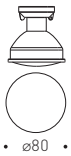


IP20 IOS 850° g 411

| MH IOS | MT G12 | optical compartment reference | finish reference |
|---|---|---|---|
| 20 - 35 - 70 W | | Ø.**Ø4161**.ØØ | 10<br>21 |

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IOS MH4 optics




| | |
|---|---|
| Ø.**Ø33Ø5**.ØØ | 10° - 12° - 14° |
| Ø.**Ø33Ø6**.ØØ | 30° - 22° - 24° |
| Ø.**Ø33Ø7**.ØØ | 88° - 74° - 78° |
| Ø.**Ø33Ø8**.ØØ | Mira |

\+

control gear technologies

| | |
|---|---|
| **Ø4170**.ØØ | HF for metal halide lamps, 20W |
| **Ø4171**.ØØ | HF for metal halide lamps, 35W |
| **Ø4172**.ØØ | HF for metal halide lamps, 70W |

possible configuration: Ø.**Ø4161**.ØØ 10 + 03305.ØØ + 04170.00

In order to achieve the desired lighting configuration, when ordering it is necessary to indicate the references for: optical compartment, optics, control gear technology and finish.



IP20 IOS 850° g 353

| MH IOS | CDM-TC G8.5 | optical compartment reference | finish reference |
|---|---|---|---|
| 20 - 35 - 70 W | | Ø.**Ø416Ø**.ØØ | 10<br>21 |

\+

IOS MH2 optics




| | |
|---|---|
| Ø.**113ØØ**.ØØ | 14° - 16° |
| Ø.**113Ø1**.ØØ | 34° - 34° |
| Ø.**113Ø2**.ØØ | 56° - 58° |
| Ø.**113Ø3**.ØØ | Mira |

\+

control gear technologies

| | |
|---|---|
| **Ø4170**.ØØ | HF for metal halide lamps, 20W |
| **Ø4171**.ØØ | HF for metal halide lamps, 35W |
| **Ø4172**.ØØ | HF for metal halide lamps, 70W |

possible configuration: Ø.**Ø4160**.ØØ 10 + 03305.ØØ + 04170.00

In order to achieve the desired lighting configuration, when ordering it is necessary to indicate the references for: optical compartment, optics, control gear technology and finish

MH IOS MH4 | MH IOS MH4 FOOD | MH IOS MH4 UV/IR | MH IOS MH4

Module (pg. 144). Accessories (pg. 149).
Photometric data (pg. 769).

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

Module (pg. 144). Accessories (pg. 149).
Photometric data (pg. 767).

## Accessories
LED

| MOSAICO EASYIOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.**3505Ø**.ØØ | 00 |
| | | | B | 15° | Ø.**3504Ø**.ØØ | |
| | | | C | 21° | Ø.**3505Ø**.ØØ | |
| | | | D | 29° | Ø.**3505Ø**.ØØ | |
| | | | E | 51° | Ø.**3505Ø**.ØØ | |
| | | | F | Mira | Ø.**3505Ø**.ØØ | |
| | | | H | W. W. | Ø.**3505Ø**.ØØ | |
| LED IOS LL2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.**3505Ø**.ØØ | 64 |
| | | | | 15° | Ø.**3504Ø**.ØØ | 65 |
| | | | | 21° | Ø.**3505Ø**.ØØ | 66 |
| | | | | 29° | Ø.**3505Ø**.ØØ | 67 |
| | | | | 51° | Ø.**3505Ø**.ØØ | |
| possible configuration | | | | | Ø.**3505Ø**.ØØ | 00 |

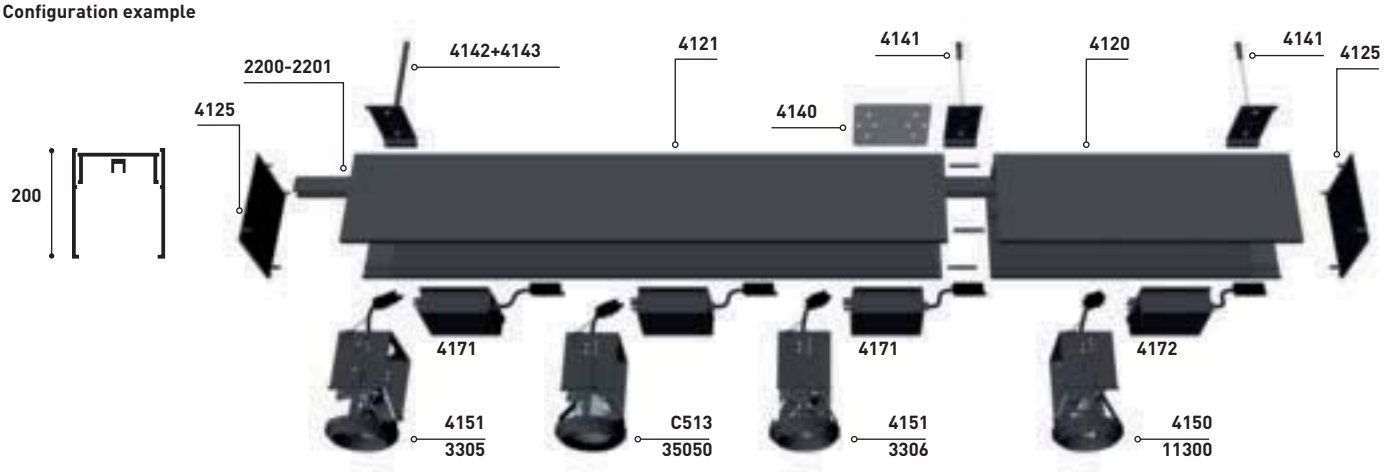
## Accessories
metal halide lamps

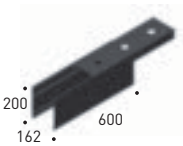
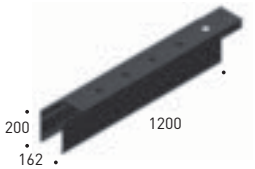
| MOSAICO EASYIOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 00 |
| | | | | 34° | Ø.**113Ø1**.ØØ | |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | |
| | | | | Mira | Ø.**113Ø3**.ØØ | |
| MH IOS MH2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 64 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 65 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH2 UV/IR<br>MH IOS MH2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 59 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 79 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| MH IOS MH4 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS HL2 | 10°/12°<br>14° | Ø.**3305**.ØØ | 00 |
| | | | | 30°/22°<br>24° | Ø.**3306**.ØØ | |
| | | | | 88°/74°<br>78° | Ø.**3307**.ØØ | |
| | | | | Mira | Ø.**3308**.ØØ | |
| MH IOS MH4 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS HL2 | 10°/12°<br>14° | Ø.**3305**.ØØ | 64 |
| | | | | 30°/22°<br>24° | Ø.**3306**.ØØ | 65 |
| | | | | 88°/74°<br>78° | Ø.**3307**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH4 UV/IR<br>MH IOS MH4 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS HL2 | 10°/12°<br>14° | Ø.**3305**.ØØ | 59 |
| | | | | 30°/22°<br>24° | Ø.**3306**.ØØ | 79 |
| | | | | 88°/74°<br>78° | Ø.**3307**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| possible configuration | | | | | Ø.**113ØØ**.ØØ | 10 |

## Surface-mounted and pendant modular lighting system

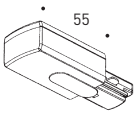
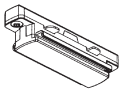
In order to achieve the desired lighting configuration, the structure is supplied without optical compartments. When ordering, it is necessary to indicate the references for: the **channel**, the **end covers,** the **optical compartment**, the **IOS** optics and corresponding **control gear technologies**.
For pendant configurations, when ordering it is also necessary to indicate the references for the **wire set** or the **rod set**.

**Configuration example**




| MODULE | details | l/mm | reference | finish reference | possible configuration |
|---|---|---|---|---|---|
|   | module + connectors (2 pcs) | 600 | Ø.**Ø412Ø**.ØØ | 10<br>21 | Ø.**Ø412Ø**.ØØ 10 |
|   | module + connectors (2 pcs) | 1200 | Ø.**Ø4121**.ØØ | 10<br>21 | Ø.**Ø4121**.ØØ 10 |
|  | 1-circuit track | 2000<br>3000 | Ø.**Ø22ØØ**.ØØ<br>Ø.**Ø22Ø1**.ØØ | 10<br>21 | Ø.**Ø22ØØ**.ØØ 10 |
|  | end covers (2 pcs) + alignment template included | | Ø.**Ø4125**ØØ | 10<br>21 | Ø.**Ø4125**.ØØ 10 |
|  | coupling plate (for ceiling mounting only, 1 pc) | | Ø.**Ø414Ø**.ØØ | 10<br>21 | Ø.**Ø414Ø**.ØØ 10 |

## Surface-mounted and pendant modular lighting system

| | details | reference | finish reference | possible configuration |
|---|---|---|---|---|
|   | track control gear | Ø.**Ø22Ø8**.ØØ | 10<br>21 | Ø.**Ø22Ø8.**ØØ 10 |
|  | track end cap (dead end) | Ø.**Ø222Ø**.ØØ | 10<br>21 | Ø.**Ø222Ø.**ØØ 10 |
|  | track connector | Ø.**Ø2211**.ØØ | 10<br>21 | Ø.**Ø2211.**ØØ 10 |
|  | 5000 mm long wire (1 pc) + support plate | Ø.**Ø4141**.ØØ | 10<br>21 | Ø.**Ø4141.**ØØ 10 |
|  | rod device + 5000 mm long wire (1 pc) + support plate | Ø.**Ø4142**.ØØ | 10<br>21 | Ø.**Ø4142.**ØØ 10 |
|  | 3000 mm long rod conduit (1 pc) | Ø.**Ø4143**.ØØ | 10<br>21 | Ø.**Ø4143.**ØØ 10 |

## Optical compartment with LED and control gear technology






IP20 | IOS | 850° | g 1233

13 W — 1500 lm

| LED | driver reference | optical compartment reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | C513 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| | V | | C | 21° | NN | 1661 | 4000 | >80 | |
| | | | D | 29° | | | | | |
| | D | | E | 51° | | | | | |
| | | | F | Mira α/β | | | | | |
| | T | | K | without optics | | | | | |

possible configuration: Ø.C513 [A] . [HQ] [10]

In order to achieve the desired lighting configuration, when ordering it is necessary to indicate the references for: driver, optical compartment, optics, lumen package and finish.

| | finish reference | emergency pack |
|---|---|---|
| Ø4181.ØØ | 10 | emergency pack tray |
| | 21 | |

possible configuration: Ø.04181.ØØ [10]

LED IOS LL2 | LED IOS LL2 FOOD

Module (pg. 150). Accessories (pg. 155).
Photometric data (pg. 704-705).

22 W — 1500 lm

| LED | driver reference | optical compartment reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | C515 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| | V | | C | 21° | NN | 2759 | 4000 | >80 | |
| | | | D | 29° | | | | | |
| | D | | E | 51° | | | | | |
| | | | F | Mira α/β | | | | | |
| | T | | K | without optics | | | | | |

possible configuration: Ø.C515 [A] . [HQ] [10]

In order to achieve the desired lighting configuration, when ordering it is necessary to indicate the references for: driver, optical compartment, optics, lumen package and finish.

| | finish reference | emergency pack |
|---|---|---|
| Ø4181.ØØ | 10 | emergency pack tray |
| | 21 | |

possible configuration: Ø.04181.ØØ [10]

LED IOS LL2 | LED IOS LL2 FOOD

Module (pg. 150). Accessories (pg. 155).
Photometric data (pg. 708-709).

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## Optical compartment with LED and control gear technology

10 21 28



IP20 | IOS | 850° | g 1742

30 W — 3500 lm

| LED | driver reference | optical compartment reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | C517 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | V | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| | D | | C | 21° | NN | 2759 | 4000 | >80 | |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira α/β | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø.C517 A HQ 10

In order to achieve the desired lighting configuration, when ordering it is necessary to indicate the references for: driver, optical compartment, optics, lumen package and finish.

| | finish reference | emergency pack |
|---|---|---|
| Ø4181.ØØ | 10 | emergency pack tray |
| | 21 | |

possible configuration: Ø.04181.ØØ 10

LED IOS LL2 | LED IOS LL2 FOOD

Module (pg. 150). Accessories (pg. 155).
Photometric data (pg. 712-713).

## Optical compartment for metal halide lamps



IP20 | IOS | 850° | g 1636

| MH IOS | MT G12 | optical compartment reference | finish reference |
|---|---|---|---|
| 20 - 35 - 70 W | | Ø.**Ø4151**.ØØ | 10<br>21 |

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| | IOS MH4 optics | |
|---|---|---|
| • ø80 • | Ø.**Ø33Ø5**.ØØ | 10° - 12° - 14° |
| | Ø.**Ø33Ø6**.ØØ | 30° - 22° - 24° |
| | Ø.**Ø33Ø7**.ØØ | 88° - 74° - 78° |
| | Ø.**Ø33Ø8**.ØØ | Mira |

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| control gear technologies | |
|---|---|
| **Ø4170**.ØØ | HF for metal halide lamps, 20W |
| **Ø4171**.ØØ | HF for metal halide lamps, 35W |
| **Ø4172**.ØØ | HF for metal halide lamps, 70W |

| possible configuration | Ø.**Ø4151**.ØØ 10 + 03305.ØØ + 04170.00 |
|---|---|

In order to achieve the desired lighting configuration, when ordering it is necessary to indicate the references for: optical compartment, optics, control gear technology and finish.



IP20 | IOS | 850° | g 1636

| MH IOS | CDM-TC G8.5 | optical compartment reference | finish reference |
|---|---|---|---|
| 20 - 35 - 70 W | | Ø.**Ø415Ø**.ØØ | 10<br>21 |

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| | IOS MH2 optics | |
|---|---|---|
| • ø80 • | Ø.**113ØØ**.ØØ | 14° - 16° |
| | Ø.**113Ø1**.ØØ | 34° - 34° |
| | Ø.**113Ø2**.ØØ | 56° - 58° |
| | Ø.**113Ø3**.ØØ | Mira |

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| control gear technologies | |
|---|---|
| **Ø4170**.ØØ | HF for metal halide lamps, 20W |
| **Ø4171**.ØØ | HF for metal halide lamps, 35W |
| **Ø4172**.ØØ | HF for metal halide lamps, 70W |

| possible configuration | Ø.**Ø415Ø**.ØØ 10 + 03305.ØØ + 04170.00 |
|---|---|

In order to achieve the desired lighting configuration, when ordering it is necessary to indicate the references for: optical compartment, optics, control gear technology and finish.

MH IOS MH4 | MH IOS MH4 FOOD | MH IOS MH4 UV/IR | MH IOS MH4

Module (pg. 150). Accessories (pg. 155).
Photometric data (pg. 769).

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

Module (pg. 150). Accessories (pg. 155).
Photometric data (pg. 767).

## Accessories
LED

| MOSAICO EASYIOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.**3505Ø**.ØØ | 00 |
| | | | B | 15° | Ø.**3504Ø**.ØØ | |
| | | | C | 21° | Ø.**3505Ø**.ØØ | |
| | | | D | 29° | Ø.**3505Ø**.ØØ | |
| | | | E | 51° | Ø.**3505Ø**.ØØ | |
| | | | F | Mira | Ø.**3505Ø**.ØØ | |
| | | | H | W. W. | Ø.**3505Ø**.ØØ | |
| LED IOS LL2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.**3505Ø**.ØØ | 64 |
| | | | | 15° | Ø.**3504Ø**.ØØ | 65 |
| | | | | 21° | Ø.**3505Ø**.ØØ | 66 |
| | | | | 29° | Ø.**3505Ø**.ØØ | 67 |
| | | | | 51° | Ø.**3505Ø**.ØØ | |
| possible configuration | | | | | Ø.**3505Ø**.ØØ | 00 |

## Accessories
metal halide lamps

| MOSAICO EASYIOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 00 |
| | | | | 34° | Ø.**113Ø1**.ØØ | |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | |
| | | | | Mira | Ø.**113Ø3**.ØØ | |
| MH IOS MH2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 64 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 65 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH2 UV/IR<br>MH IOS MH2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 59 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 79 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| MH IOS MH4 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS HL2 | 10°/12°<br>14° | Ø.**3305**.ØØ | 00 |
| | | | | 30°/22°<br>24° | Ø.**3306**.ØØ | |
| | | | | 88°/74°<br>78° | Ø.**3307**.ØØ | |
| | | | | Mira | Ø.**3308**.ØØ | |
| MH IOS MH4 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS HL2 | 10°/12°<br>14° | Ø.**3305**.ØØ | 64 |
| | | | | 30°/22°<br>24° | Ø.**3306**.ØØ | 65 |
| | | | | 88°/74°<br>78° | Ø.**3307**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH4 UV/IR<br>MH IOS MH4 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS HL2 | 10°/12°<br>14° | Ø.**3305**.ØØ | 59 |
| | | | | 30°/22°<br>24° | Ø.**3306**.ØØ | 79 |
| | | | | 88°/74°<br>78° | Ø.**3307**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| possible configuration | | | | | Ø.**113ØØ**.ØØ | 10 |

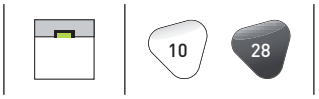




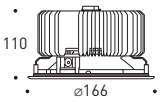
# MILED

## fixed recessed luminaire

## Round, fixed recessed luminaire with remote driver






IP40 / IP43 | IOS | 850° | g 369 | ø 154

**8 W** — **880 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | BE2C | 0 | 68° | HW | 637 | 2700 | >90 | 10 |
| | V | | | | WW | 880 | 3000 | >85 | 28 |
| | D | | | | NN | 975 | 4000 | >85 | |
| | T | | | | | | | | |
| possible configuration | | | | | Ø . BE2C 0 . HW 10 | | | | |

**16 W** — **1655 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | BE2N | 0 | 68° | HW | 1055 | 2700 | >90 | 10 |
| | V | | | | WW | 1655 | 3000 | >85 | 28 |
| | D | | | | NN | 1760 | 4000 | >85 | |
| possible configuration | | | | | Ø . BE2N 0 . HW 10 | | | | |

**12 W** — **1320 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | BE2H | 0 | 75° | HW | 971 | 2700 | >90 | 10 |
| | V | | | | WW | 1188 | 3000 | >85 | 28 |
| | D | | | | NN | 1314 | 4000 | >85 | |
| | T | | | | | | | | |
| possible configuration | | | | | Ø . BE2H 0 . HW 10 | | | | |

**24 W** — **2470 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | BE2E | 0 | 75° | HW | 1637 | 2700 | >90 | 10 |
| | V | | | | WW | 2470 | 3000 | >85 | 28 |
| | D | | | | NN | 2565 | 4000 | >85 | |
| possible configuration | | | | | Ø . BE2E 0 . HW 10 | | | | |

LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

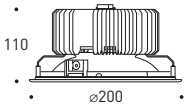
Accessories (pg. 168).
Photometric data (pg. 730-731).

REGGIANI

## Round, fixed recessed luminaire with remote driver

10 28






IP40 IP43 | IOS | 850° | g 430 | ø 188

**8 W** — **880 lm**

| LED | driver reference | product reference | optics reference IOS LL2 | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | HW | 637 | 2700 | >90 | 10 |
| Ø | | CE2C | 0 | 68° | WW | 880 | 3000 | >85 | 28 |
| V | | | | | NN | 975 | 4000 | >85 | |
| D | | | | | | | | | |
| T | | | | | | | | | |
| possible configuration | | | | | Ø . CE2C 0 . HW 10 | | | | |

**15 W** — **1740 lm**

| LED | driver reference | product reference | optics reference IOS LL2 | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | HW | 1305 | 2700 | >90 | 10 |
| Ø | | CE2M | 0 | 76° | WW | 1740 | 3000 | >85 | 28 |
| V | | | | | NN | 1915 | 4000 | >85 | |
| D | | | | | | | | | |
| T | | | | | | | | | |
| possible configuration | | | | | Ø . CE2M 0 . HW 10 | | | | |

**12 W** — **1320 lm**

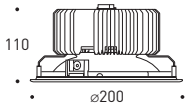
| LED | driver reference | product reference | optics reference IOS LL2 | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | HW | 971 | 2700 | >90 | 10 |
| Ø | | CE2H | 0 | 75° | WW | 1188 | 3000 | >85 | 28 |
| V | | | | | NN | 1314 | 4000 | >85 | |
| D | | | | | | | | | |
| T | | | | | | | | | |
| possible configuration | | | | | Ø . CE2H 0 . HW 10 | | | | |

LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

Accessories (pg. 168).
Photometric data (pg. 730-731).

## Round, fixed recessed luminaire with remote driver






IP40 / IP43 | IOS | 850° | g 432 | ø 188

**24 W** — **2470 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | CE2E | 0 | 75° | HW | 1637 | 2700 | >90 | 10 |
| | | | | | WW | 2470 | 3000 | >85 | 28 |
| | V | | | | NN | 2565 | 4000 | >85 | |
| | D | | | | | | | | |

| possible configuration | Ø . CE2E 0 . HW 10 |
|---|---|

**32 W** — **3285 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | CE2P | 0 | 76° | HW | 2132 | 2700 | >90 | 10 |
| | | | | | WW | 3285 | 3000 | >85 | 28 |
| | V | | | | NN | 3450 | 4000 | >85 | |
| | D | | | | | | | | |

| possible configuration | Ø . CE2P 0 . HW 10 |
|---|---|

LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

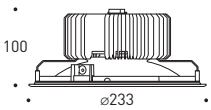
Accessories (pg. 168).
Photometric data (pg. 731).

REGGIANI

## Round, fixed recessed luminaire with remote driver

10 28






IP40 IP43 | IOS | 850° | g 500 | ø 220

**8 W** — **880 lm**

| LED | driver reference | product reference | optics reference IOS LL2 | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | HW | 937 | 2700 | >90 | 10 |
| Ø | | DE2C | 0 | 68° | WW | 880 | 3000 | >85 | 28 |
| V | | | | | NN | 975 | 4000 | >85 | |
| D | | | | | | | | | |
| T | | | | | | | | | |
| possible configuration | | | | | Ø . DE2C 0 . HW 10 | | | | |

**15 W** — **1740 lm**

| LED | driver reference | product reference | optics reference IOS LL2 | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | HW | 1305 | 2700 | >90 | 10 |
| Ø | | DE2M | 0 | 76° | WW | 1740 | 3000 | >85 | 28 |
| V | | | | | NN | 1915 | 4000 | >85 | |
| D | | | | | | | | | |
| T | | | | | | | | | |
| possible configuration | | | | | Ø . DE2M 0 . HW 10 | | | | |

**12 W** — **1320 lm**

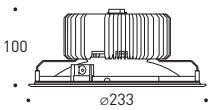
| LED | driver reference | product reference | optics reference IOS LL2 | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | HW | 971 | 2700 | >90 | 10 |
| Ø | | DE2H | 0 | 75° | WW | 1320 | 3000 | >85 | 28 |
| V | | | | | NN | 1460 | 4000 | >85 | |
| D | | | | | | | | | |
| T | | | | | | | | | |
| possible configuration | | | | | Ø . DE2H 0 . HW 10 | | | | |

LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

Accessories (pg. 168).
Photometric data (pg. 730-731).

## Round, fixed recessed luminaire with remote driver






IP40 / IP43 | IOS | 850° | g 502 | ø 220

**24 W** — **2470 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | DE2E | 0 | 75° | HW | 1637 | 2700 | >90 | 10 |
| | | | | | WW | 2470 | 3000 | >85 | 28 |
| | V | | | | NN | 2565 | 4000 | >85 | |
| | D | | | | | | | | |

possible configuration: Ø . DE2E 0 . HW 10

**42 W** — **2470 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | DE2Q | 0 | 75° | HW | 3875 | 2700 | >90 | 10 |
| | | | | | WW | 4000 | 3000 | >90 | 28 |
| | V | | | | NN | 5047 | 4000 | >80 | |
| | D | | | | | | | | |

possible configuration: Ø . DE2Q 0 . HW 10

**32 W** — **3285 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | DE2P | 0 | 76° | HW | 2132 | 2700 | >90 | 10 |
| | | | | | WW | 3285 | 3000 | >85 | 28 |
| | V | | | | NN | 3450 | 4000 | >85 | |
| | D | | | | | | | | |

possible configuration: Ø . DE2P 0 . HW 10

LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

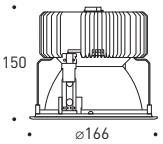
Accessories (pg. 168).
Photometric data (pg. 731).

REGGIANI

## Round, fixed recessed luminaire with remote driver

10 28






IP40 IP43 | IOS | 850° | g 404 | ø 154

**8 W** — **880 lm**

| LED | driver reference | product reference | optics reference | lumen reference | finish reference |
|---|---|---|---|---|---|
| | | | IOS LL2 | nom. lm K CRI | |
| Ø | | FE2C | A 13° | HW 637 2700 >90 | 10 |
| V | | | B 15° | WW 880 3000 >85 | 28 |
| D | | | C 22° | NN 975 4000 >85 | |
| T | | | D 26° | | |
| | | | E 38° | | |
| | | | F Mira α/β | | |
| | | | G 63° | | |
| | | | H W.W α/β | | |
| | | | K without optics | | |

possible configuration: Ø . FE2C A . HW 10

**16 W** — **1655 lm**

| LED | driver reference | product reference | optics reference | lumen reference | finish reference |
|---|---|---|---|---|---|
| | | | IOS LL2 | nom. lm K CRI | |
| Ø | | FE2N | A 13° | HW 1305 2700 >90 | 10 |
| V | | | B 15° | WW 1655 3000 >85 | 28 |
| D | | | C 22° | NN 1760 4000 >85 | |
| | | | D 26° | | |
| | | | E 38° | | |
| | | | F Mira α/β | | |
| | | | G 63° | | |
| | | | H W.W α/β | | |
| | | | K without optics | | |

possible configuration: Ø . FE2N A . HW 10

**12 W** — **1320 lm**

| LED | driver reference | product reference | optics reference | lumen reference | finish reference |
|---|---|---|---|---|---|
| | | | IOS LL2 | nom. lm K CRI | |
| Ø | | FE2H | A 13° | HW 971 2700 >90 | 10 |
| V | | | B 17° | WW 1320 3000 >85 | 28 |
| D | | | C 26° | NN 1460 4000 >85 | |
| T | | | D 29° | | |
| | | | E 45° | | |
| | | | F Mira α/β | | |
| | | | G 63° | | |
| | | | H W.W α/β | | |
| | | | K without optics | | |

possible configuration: Ø . FE2H A . HW 10

**24 W** — **2470 lm**

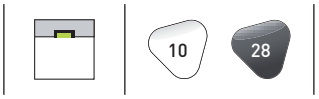
| LED | driver reference | product reference | optics reference | lumen reference | finish reference |
|---|---|---|---|---|---|
| | | | IOS LL2 | nom. lm K CRI | |
| Ø | | FE2E | A 13° | HW 1637 2700 >90 | 10 |
| V | | | B 17° | WW 2470 3000 >85 | 28 |
| D | | | C 26° | NN 2565 4000 >85 | |
| | | | D 29° | | |
| | | | E 45° | | |
| | | | F Mira α/β | | |
| | | | G 63° | | |
| | | | H W.W α/β | | |
| | | | K without optics | | |

possible configuration: Ø . FE2E A . HW 10

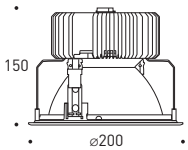
LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

Accessories (pg. 168).
Photometric data (pg. 716-717 / 718-719 / 722-723 / 724-725).

## Round, fixed recessed luminaire with remote driver






IP40 / IP43 | IOS | 850° | g 404 | ø 188

**8 W** — **880 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 ▲ | | | | | | |
| Ø | | GE2C | A | 13° | HW | 637 | 2700 | >90 | 10 |
| V | | | B | 15° | WW | 880 | 3000 | >85 | 28 |
| D | | | C | 22° | NN | 975 | 4000 | >85 | |
| T | | | D | 26° | | | | | |
| | | | E | 38° | | | | | |
| | | | F | Mira α/β | | | | | |
| | | | G | 63° | | | | | |
| | | | H | W.W α/β | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . GE2C A . HW 10

**15 W** — **1740 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 ▲ | | | | | | |
| Ø | | GE2M | A | 13° | HW | 1305 | 2700 | >90 | 10 |
| V | | | B | 15° | WW | 1740 | 3000 | >85 | 28 |
| D | | | C | 22° | NN | 1915 | 4000 | >85 | |
| T | | | D | 26° | | | | | |
| | | | E | 38° | | | | | |
| | | | F | Mira α/β | | | | | |
| | | | G | 63° | | | | | |
| | | | H | W.W α/β | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . GE2M A . HW 10

**12 W** — **1320 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 ▲ | | | | | | |
| Ø | | GE2H | A | 13° | HW | 971 | 2700 | >90 | 10 |
| V | | | B | 17° | WW | 1320 | 3000 | >85 | 28 |
| D | | | C | 26° | NN | 1460 | 4000 | >85 | |
| T | | | D | 29° | | | | | |
| | | | E | 45° | | | | | |
| | | | F | Mira α/β | | | | | |
| | | | G | 63° | | | | | |
| | | | H | W.W α/β | | | | | |
| | | | K | without optics | | | | | |

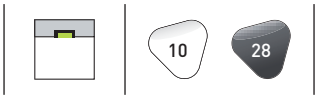
possible configuration: Ø . GE2H A . HW 10

LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

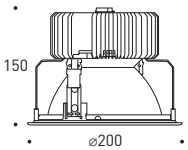
Accessories (pg. 168).
Photometric data (pg. 716-717 / 718-719 / 720-721 / 722-723).

REGGIANI

## Round, fixed recessed luminaire with remote driver






IP40 IP43 | IOS | 850° | g 369 | ø 188

**24 W** — **2470 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | GE2E | A | 13° | HW | 1637 | 2700 | >90 | 10 |
| | | | B | 15° | WW | 2470 | 3000 | >85 | 28 |
| | V | | C | 22° | NN | 2565 | 4000 | >85 | |
| | | | D | 26° | | | | | |
| | D | | E | 38° | | | | | |
| | | | F | Mira α/β | | | | | |
| | | | G | 63° | | | | | |
| | | | H | W.W α/β | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . **GE2E** A . HW 10

**32 W** — **3285 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | GE2P | A | 13° | HW | 2132 | 2700 | >90 | 10 |
| | | | B | 17° | WW | 3285 | 3000 | >85 | 28 |
| | V | | C | 26° | NN | 3450 | 4000 | >85 | |
| | | | D | 29° | | | | | |
| | D | | E | 45° | | | | | |
| | | | F | Mira α/β | | | | | |
| | | | G | 63° | | | | | |
| | | | H | W.W α/β | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . **GE2P** A . HW 10

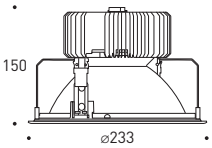
LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

Accessories (pg. 168).
Photometric data (pg. 724-725 / 726-727).

## Round, fixed recessed luminaire with remote driver

10 28






IP40 IP43 | IOS | 850° | g 369 | ø 220

**8 W** — **880 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 ▲ | | | | | | |
| Ø | | HE2C | A | 13° | HW | 637 | 2700 | >90 | 10 |
| V | | | B | 15° | WW | 880 | 3000 | >85 | 28 |
| D | | | C | 22° | NN | 975 | 4000 | >85 | |
| T | | | D | 26° | | | | | |
| | | | E | 38° | | | | | |
| | | | F | Mira α/β | | | | | |
| | | | G | 63° | | | | | |
| | | | H | W.W α/β | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . HE2C A . HW 10

**15 W** — **1740 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 ▲ | | | | | | |
| Ø | | HE2M | A | 13° | HW | 1305 | 2700 | >90 | 10 |
| V | | | B | 15° | WW | 1740 | 3000 | >85 | 28 |
| D | | | C | 22° | NN | 1915 | 4000 | >85 | |
| T | | | D | 26° | | | | | |
| | | | E | 38° | | | | | |
| | | | F | Mira α/β | | | | | |
| | | | G | 63° | | | | | |
| | | | H | W.W α/β | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . HE2M A . HW 10

**12 W** — **1320 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 ▲ | | | | | | |
| Ø | | HE2H | A | 13° | HW | 971 | 2700 | >90 | 10 |
| V | | | B | 17° | WW | 1320 | 3000 | >85 | 28 |
| D | | | C | 26° | NN | 1460 | 4000 | >85 | |
| T | | | D | 29° | | | | | |
| | | | E | 45° | | | | | |
| | | | F | Mira α/β | | | | | |
| | | | G | 63° | | | | | |
| | | | H | W.W α/β | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . HE2H A . HW 10

LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

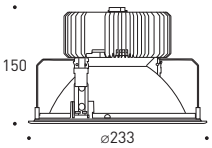
Accessories (pg. 168).
Photometric data (pg. 716-717 / 718-719 / 720-721 / 722-723).

REGGIANI

## Round, fixed recessed luminaire with remote driver

10 28






IP40 IP43 | IOS | 850° | g 369 | ø 220

**24 W** — **2470 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | HE2E | A | 13° | HW | 1637 | 2700 | >90 | 10 |
| V | | | B | 15° | WW | 2470 | 3000 | >85 | 28 |
| D | | | C | 22° | NN | 2565 | 4000 | >85 | |
| | | | D | 26° | | | | | |
| | | | E | 38° | | | | | |
| | | | F | Mira α/β | | | | | |
| | | | G | 63° | | | | | |
| | | | H | W.W α/β | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . HE2E A . HW 10

**42 W** — **4000 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | HE2Q | A | 13° | HW | 3875 | 2700 | >90 | 10 |
| V | | | B | 15° | WW | 4000 | 3000 | >90 | 28 |
| D | | | C | 22° | NN | 5047 | 4000 | >80 | |
| | | | D | 26° | | | | | |
| | | | E | 38° | | | | | |
| | | | F | Mira α/β | | | | | |
| | | | G | 63° | | | | | |
| | | | H | W.W α/β | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . HE2Q A . HW 10

**32 W** — **3285 lm**

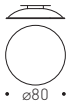
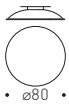
| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | HE2P | A | 13° | HW | 2132 | 2700 | >90 | 10 |
| V | | | B | 17° | WW | 3285 | 3000 | >85 | 28 |
| D | | | C | 26° | NN | 3450 | 4000 | >85 | |
| | | | D | 29° | | | | | |
| | | | E | 45° | | | | | |
| | | | F | Mira α/β | | | | | |
| | | | G | 63° | | | | | |
| | | | H | W.W α/β | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . HE2P A . HW 10

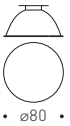
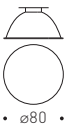
LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

Accessories (pg. 168).
Photometric data (pg. 724-725 / 726-727 / 728-729).

## Accessories
compact LED

| MILED | | details | IOS | △ | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 |   | interchangeable optical system<br><br>shield finish:<br>**00** clear | 0 | 68°<br>75°<br>76° | Ø.35Ø57.ØØ | 00 |
| LED IOS LL2 |   | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | 0 | 68°<br>75°<br>76° | Ø.35Ø57.ØØ | 64<br>65<br>66<br>67 |
| 1 HOUR | | emergency pack for LED luminaires including Ni/Cd battery with 1h back-up<br><br>sizes in mm:<br>160 x 55 x 90<br>(L x W x H) | | | Ø.35Ø81.ØØ | 00 |
| possible configuration | | | | | Ø.35Ø57.ØØ 00 | |

## Accessories
comfort LED

| MILED | | details | IOS | △ | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 |   | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 13° | Ø.35Ø50.ØØ | 00 |
| | | | B | 15°/17° | Ø.35Ø49.ØØ | |
| | | | C | 22°/26° | Ø.35Ø51.ØØ | |
| | | | D | 26°/29° | Ø.35Ø52.ØØ | |
| | | | E | 38°/45° | Ø.35Ø53.ØØ | |
| | | | F | Mira* | Ø.35Ø54.ØØ | |
| | | | G | 63° | Ø.35Ø55.ØØ | |
| | | | H | W. W. | Ø.35Ø59.ØØ | |
| LED IOS LL2 FOOD |   | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 13° | Ø.35Ø50.ØØ | 64 |
| | | | | 15°/17° | Ø.35Ø49.ØØ | 65 |
| | | | | 22°/26° | Ø.35Ø51.ØØ | 66 |
| | | | | 26°/29° | Ø.35Ø52.ØØ | 67 |
| | | | | 38°/45° | Ø.35Ø53.ØØ | |
| | | | | Mira* | Ø.35Ø54.ØØ | |
| | | | | 63° | Ø.35Ø55.ØØ | |
| | | | | W. W. | Ø.35Ø59.ØØ | |
| 1 HOUR | | emergency pack for LED luminaires including Ni/Cd battery with 1h back-up<br><br>sizes in mm:<br>160 x 55 x 90<br>(L x W x H) | | | Ø.35Ø81.ØØ | 00 |

* elliptical beam

possible configuration: Ø.35Ø50.ØØ 00



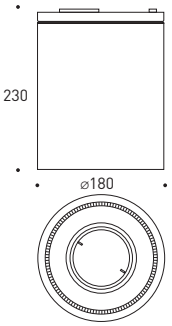


# CYLED
## fixed projector

## Fixed projector for surface mounting






IP44 | IOS | 850° | g 2839

**8 W** — **880 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | BDØC | A | 13° | WW | 880 | 3000 | >85 | 10 |
| | | | B | 15° | NN | 975 | 4000 | >85 | 12 |
| | V | | C | 22° | | | | | 21 |
| | | | D | 26° | | | | | 28 |
| | D | | E | 38° | | | | | 31 |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . BDØC A . WW 10 | | | | |

**12 W** — **1320 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | DDØH | A | 13° | WW | 1320 | 3000 | >85 | 10 |
| | | | B | 17° | NN | 1460 | 4000 | >85 | 12 |
| | V | | C | 26° | | | | | 21 |
| | | | D | 29° | | | | | 28 |
| | D | | E | 45° | | | | | 31 |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . DDØH A . WW 10 | | | | |

**16 W** — **1665 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | CDØN | A | 13° | WW | 1655 | 3000 | >85 | 10 |
| | | | B | 15° | NN | 1760 | 4000 | >85 | 12 |
| | V | | C | 22° | | | | | 21 |
| | | | D | 26° | | | | | 28 |
| | D | | E | 38° | | | | | 31 |
| | | | F | Mira | | | | | |
| | | | K | without optic | | | | | |
| possible configuration | | | | | Ø . CDØN A . WW 10 | | | | |

**24 W** — **3205 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | FDØE | A | 13° | WW | 3045 | 3000 | >80 | 10 |
| | | | B | 17° | NN | 3205 | 4000 | >80 | 12 |
| | V | | C | 26° | | | | | 21 |
| | | | D | 29° | | | | | 28 |
| | D | | E | 45° | | | | | 31 |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . FDØE A . WW 10 | | | | |

LED IOS LL2 | LED IOS LL2 FOOD

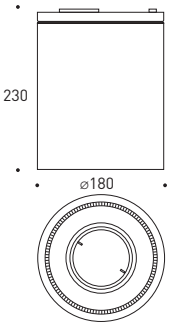
Accessories (pg. 174).
Photometric data (pg. 716-717 / 718-719 / 722-723 / 724-725).

REGGIANI

## Fixed projector for surface mounting

10 12 21 28 31






IP44 IOS 850° g 2839

**15 W** **1915 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | GDØM | A | 16° | WW | 1740 | 3000 | >85 | 10 |
| | | | B | 18° | NN | 1915 | 4000 | >85 | 12 |
| | V | | C | 28° | | | | | 21 |
| | | | D | 32° | | | | | 28 |
| | D | | E | 46° | | | | | 31 |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . GDØM A . WW 10 | | | | |

**32 W** **3450 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | HDØP | A | 16° | WW | 3285 | 3000 | >85 | 10 |
| | | | B | 18° | NN | 3450 | 4000 | >85 | 12 |
| | V | | C | 28° | | | | | 21 |
| | | | D | 32° | | | | | 28 |
| | D | | E | 46° | | | | | 31 |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . HDØP A . WW 10 | | | | |

LED IOS LL2 LED IOS LL2 FOOD

Accessories (pg. 174).
Photometric data (pg. 720-721 / 726-727).

# Accessories
## LED

| CYLED | | details | IOS | ▲ | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.35Ø5Ø.ØØ | 00 |
| | | | B | 15° | Ø.35Ø49.ØØ | |
| | | | C | 21° | Ø.35Ø51.ØØ | |
| | | | D | 29° | Ø.35Ø52.ØØ | |
| | | | E | 51° | Ø.35Ø53.ØØ | |
| | | | F | Mira* | Ø.35Ø54.ØØ | |
| | | | H | W. W. | Ø.35Ø59.ØØ | |
| LED IOS LL2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.35Ø5Ø.ØØ | 64 |
| | | | | 15° | Ø.35Ø49.ØØ | 65 |
| | | | | 21° | Ø.35Ø51.ØØ | 66 |
| | | | | 29° | Ø.35Ø52.ØØ | 67 |
| | | | | 51° | Ø.35Ø53.ØØ | |

* elliptical beam

| possible configuration | Ø.35Ø5Ø.ØØ 00 |
|---|---|



# Linear systems


**Linea Luce Slim** **178-185**

**Linea Luce LED** **186-195**

Recessed luminaires 188-190

Pendants 192-193

**Flure** **196-203**

Wall-mounted 198-201

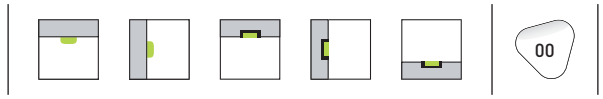
Recessed luminaires 202



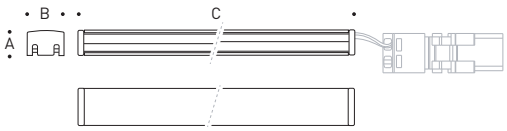
# LINEA LUCE SLIM

slim linear system

## LED linear system – end covers included – driver not included









**3 W** — **390 lm**

| LED | module reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | | ▲ | | | | | |
| | Ø.317ØØ | 97° | HW | 355 | 2700 | >85 | 00 |
| | | | WW | 370 | 3000 | >85 | |
| | | | NN | 390 | 4000 | >85 | |
| | possible configuration | | Ø.31700.WW.00 | | | | |

sizes in mm

| A | B | C |
|---|---|---|
| 7 | 10 | 366,5 |

**9 W** — **1100 lm**

| LED | module reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | | ▲ | | | | | |
| | Ø.317Ø2 | 97° | HW | 1066 | 2700 | >85 | 00 |
| | | | WW | 1110 | 3000 | >85 | |
| | | | NN | 1170 | 4000 | >85 | |
| | possible configuration | | Ø.317Ø2.WW.00 | | | | |

sizes in mm

| A | B | C |
|---|---|---|
| 7 | 10 | 1066,5 |

**6 W** — **740 lm**

| LED | module reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | | ▲ | | | | | |
| | Ø.317Ø1 | 97° | HW | 710 | 2700 | >85 | 00 |
| | | | WW | 740 | 3000 | >85 | |
| | | | NN | 780 | 4000 | >85 | |
| | possible configuration | | Ø.317Ø1.WW.00 | | | | |

sizes in mm

| A | B | C |
|---|---|---|
| 7 | 10 | 716,5 |

**12 W** — **1480 lm**

| LED | module reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | | ▲ | | | | | |
| | Ø.317Ø3 | 97° | HW | 1421 | 2700 | >85 | 00 |
| | | | WW | 1480 | 3000 | >85 | |
| | | | NN | 1560 | 4000 | >85 | |
| | possible configuration | | Ø.317Ø3.WW.00 | | | | |

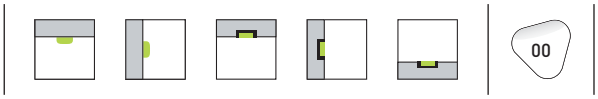
sizes in mm

| A | B | C |
|---|---|---|
| 7 | 10 | 1416,5 |

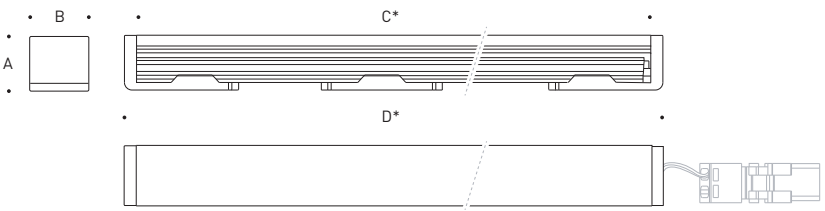
Electronic driver: 0.**31710**.00 20W 220-240V 50/60Hz 12Vcc to order separately (see page 185)

Accessories (pg. 185).
Photometric data (pg. 759).

## LED linear system – end covers and driver not included






IP40 | 850° | NO

**4,5 W** — **585 lm**

| LED | module reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | Ø.31721 | 88° | HW | 528 | 2700 | >85 | 00 |
| | | | WW | 550 | 3000 | >85 | |
| | | | NN | 585 | 4000 | >85 | |
| | possible configuration | | Ø.31721 WW 00 | | | | |

sizes in mm

| A | B | C* | D* |
|---|---|---|---|
| 14.5 | 16 | 203 | 210 |

**13,5 W** — **1755 lm**

| LED | module reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | Ø.31726 | 88° | HW | 1584 | 2700 | >85 | 00 |
| | | | WW | 1650 | 3000 | >85 | |
| | | | NN | 1755 | 4000 | >85 | |
| | possible configuration | | Ø.31726 WW 00 | | | | |

sizes in mm

| A | B | C* | D* |
|---|---|---|---|
| 14.5 | 16 | 604 | 611 |

**9 W** — **1170 lm**

| LED | module reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | Ø.31725 | 88° | HW | 1056 | 2700 | >85 | 00 |
| | | | WW | 1100 | 3000 | >85 | |
| | | | NN | 1170 | 4000 | >85 | |
| | possible configuration | | Ø.31725 WW 00 | | | | |

sizes in mm

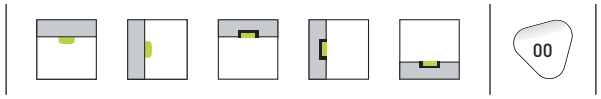
| A | B | C* | D* |
|---|---|---|---|
| 14.5 | 16 | 404 | 411 |

C* Size without end covers D* Size with end covers 3.5 mm + 3.5 mm

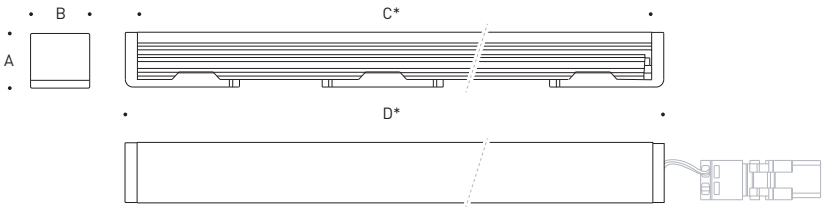
Electronic driver: 0.**31550**.00 20W 220-240V 50/60Hz) 24Vcc to order separately (see page 185)
0.**31555**.00 100W 220-240V 50/60Hz) 24Vcc to order separately (see page 185)

Accessories (pg. 185).
Photometric data (pg. 760).

## LED linear system – end covers and driver not included









**18 W** — **2330 lm**

| LED | module reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | | ▲ | | | | | |
| | Ø.31727 | 88° | HW | 2112 | 2700 | >85 | 00 |
| | | | WW | 2200 | 3000 | >85 | |
| | | | NN | 2330 | 4000 | >85 | |
| | possible configuration | | Ø.31727.WW.00 | | | | |

sizes in mm

| A | B | C* | D* |
|---|---|---|---|
| 14.5 | 16 | 804 | 811 |

**54 W** — **6995 lm**

| LED | module reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | | ▲ | | | | | |
| | Ø.31729 | 88° | HW | 6356 | 2700 | >85 | 00 |
| | | | WW | 6600 | 3000 | >85 | |
| | | | NN | 6995 | 4000 | >85 | |
| | possible configuration | | Ø.31729.WW.00 | | | | |

sizes in mm

| A | B | C* | D* |
|---|---|---|---|
| 14.5 | 16 | 2404 | 2411 |

**27 W** — **3500 lm**

| LED | module reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | | ▲ | | | | | |
| | Ø.31728 | 88° | HW | 3168 | 2700 | >85 | 00 |
| | | | WW | 3300 | 3000 | >85 | |
| | | | NN | 3500 | 4000 | >85 | |
| | possible configuration | | Ø.31728.WW.00 | | | | |

sizes in mm

| A | B | C* | D* |
|---|---|---|---|
| 14.5 | 16 | 1206 | 1213 |

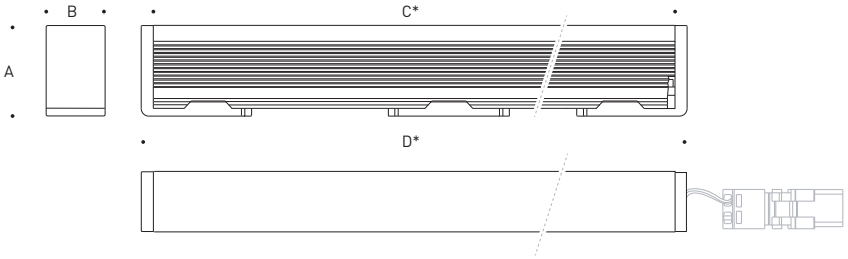
C* Size without end covers D* Size with end covers 3.5 mm + 3.5 mm

Electronic driver:
0.**31550**.00 20W 220-240V 50/60Hz 24Vcc to order separately (see page 185)
0.**31555**.00 100W 220-240V 50/60Hz 24Vcc to order separately (see page 185)

Accessories (pg. 185).
Photometric data (pg. 761).

## LED linear system – end covers and driver not included






IP40 | 850° | NO

**4,5 W** — **585 lm**

| LED | module reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | Ø.31761 | 7° | HW | 528 | 2700 | >85 | 00 |
| | Ø.31751 | 59° | WW | 550 | 3000 | >85 | |
| | Ø.31741 | 88° | NN | 585 | 4000 | >85 | |
| | possible configuration | | Ø.31761. WW 00 | | | | |

sizes in mm

| A | B | C* | D* |
|---|---|---|---|
| 24 | 16 | 203 | 210 |

**13,5 W** — **1755 lm**

| LED | module reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | Ø.31766 | 7° | HW | 1584 | 2700 | >85 | 00 |
| | Ø.31756 | 59° | WW | 1650 | 3000 | >85 | |
| | Ø.31746 | 88° | NN | 1755 | 4000 | >85 | |
| | possible configuration | | Ø.31766. WW 00 | | | | |

sizes in mm

| A | B | C* | D* |
|---|---|---|---|
| 14.5 | 16 | 2404 | 2411 |

**9 W** — **1170 lm**

| LED | module reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | Ø.31765 | 7° | HW | 1056 | 2700 | >85 | 00 |
| | Ø.31755 | 59° | WW | 1100 | 3000 | >85 | |
| | Ø.31745 | 88° | NN | 1170 | 4000 | >85 | |
| | possible configuration | | Ø.31765. WW 00 | | | | |

sizes in mm

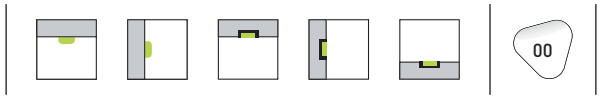
| A | B | C* | D* |
|---|---|---|---|
| 24 | 16 | 604 | 611 |

C* Size without end covers D* Size with end covers 3.5 mm + 3.5 mm

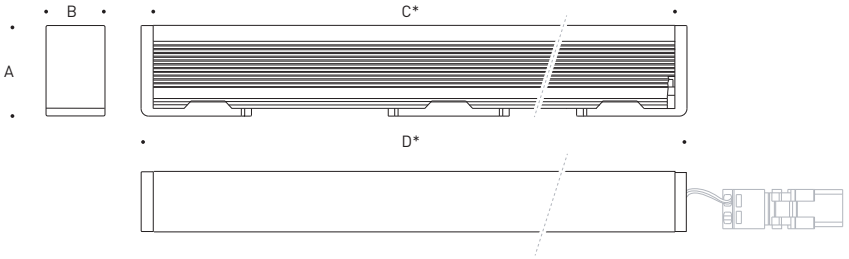
Electronic driver: 0.**31550**.00 20W 220-240V 50/60Hz) 24Vcc to order separately (see page 185)
0.**31555**.00 100W 220-240V 50/60Hz) 24Vcc to order separately (see page 185)

Accessories (pg. 185).
Photometric data (pg. 762-763).

## LED linear system – end covers and driver not included






IP40 | 850° | NO

**18 W** — **2330 lm**

| LED | module reference | beam width | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|
| | | | | nom. lm | K | CRI | |
| | Ø.31767 | 7° | HW | 2112 | 2700 | >85 | 00 |
| | Ø.31757 | 59° | WW | 2200 | 3000 | >85 | |
| | Ø.31747 | 88° | NN | 2330 | 4000 | >85 | |
| | possible configuration | | Ø.31767.WW.00 | | | | |

sizes in mm

| A | B | C* | D* |
|---|---|---|---|
| 24 | 16 | 804 | 811 |

**54 W** — **6995 lm**

| LED | module reference | beam width | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|
| | | | | nom. lm | K | CRI | |
| | Ø.31769 | 7° | HW | 6336 | 2700 | >85 | 00 |
| | Ø.31759 | 59° | WW | 6600 | 3000 | >85 | |
| | Ø.31749 | 88° | NN | 6995 | 4000 | >85 | |
| | possible configuration | | Ø.31769.WW.00 | | | | |

sizes in mm

| A | B | C* | D* |
|---|---|---|---|
| 24 | 16 | 2406 | 2413 |

**27 W** — **3500 lm**

| LED | module reference | beam width | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|
| | | | | nom. lm | K | CRI | |
| | Ø.31768 | 7° | HW | 3168 | 2700 | >85 | 00 |
| | Ø.31758 | 59° | WW | 3300 | 3000 | >85 | |
| | Ø.31748 | 88° | NN | 3500 | 4000 | >85 | |
| | possible configuration | | Ø.31768.WW.00 | | | | |

sizes in mm

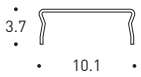
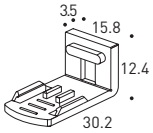
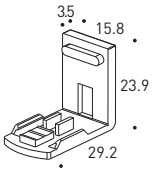
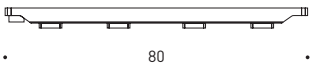
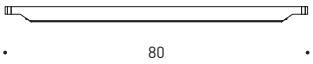
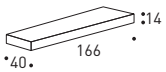
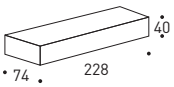
| A | B | C* | D* |
|---|---|---|---|
| 24 | 16 | 1206 | 1213 |

C* Size without end covers D* Size with end covers 3.5 mm + 3.5 mm

Electronic driver: 0.**31550**.00 20W 220-240V 50/60Hz) 24Vcc to order separately (see page 185)
0.**31555**.00 100W 220-240V 50/60Hz) 24Vcc to order separately (see page 185)

Accessories (pg. 185).
Photometric data (pg. 763-764).

## Components

| | details | | LOW reference | MEDIUM reference | HIGH reference | finish reference | possible configuration |
|---|---|---|---|---|---|---|---|
|  | spring retaining clip for fixing to surface | | Ø.**31Ø5**.ØØ | | | 00 | Ø.31Ø5.ØØ 00 |
|  | spring retaining clip for fixing to surface | | | Ø.**31735**.ØØ | Ø.**31735**.ØØ | 00 | Ø.31735.ØØ 00 |
|  | end covers | | | Ø.**31714**.ØØ | | 00 | Ø.31714.ØØ 00 |
|  | end covers | | | | Ø.**31715**.ØØ | 00 | Ø.31715.ØØ 00 |
|  | coupler to mount luminaires in sequence | | | | Ø.**31716**.ØØ | 00 | Ø.31716.ØØ 00 |
|  | coupler to mount luminaires in sequence | | | Ø.**31717**.ØØ | | 00 | Ø.31717.ØØ 00 |
|  | universal joint | | | Ø.**31736**.ØØ | Ø.**31736**.ØØ | 00 | Ø.31736.ØØ 00 |
|  | electronic driver 220-240V 50/60Hz 12Vcc | | Ø.**31Ø**.ØØ | | | 00 | Ø.31Ø.ØØ 00 |
|  | electronic driver 220-240V 50/60Hz 24Vcc | | | 20W Ø.**3155Ø**.ØØ<br>100W Ø.**31555**.ØØ | 20W Ø.**3155Ø**.ØØ<br>100W Ø.**31555**.ØØ | 00 | Ø.3155Ø.ØØ 00 |



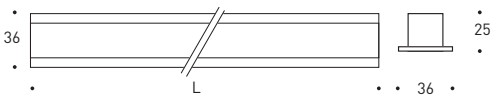
# LINEA LUCE LED

## modular lighting system

## Modular recessed lighting segments with LEDs.






IP43 | III | 850° | Lx33

**6 W-12V** — **525 lm**

| LED | product reference | L mm | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| | Ø.318ØØ | 702 | α 98° β 95° | HW | 710 | 2700 | >85 | 00 |
| | | | | WW | 740 | 3000 | >85 | |
| | | | | NN | 780 | 4000 | >85 | |
| | possible configuration | | | Ø.318ØØ. WW 00 | | | | |

**9 W-12V** — **700 lm**

| LED | product reference | L mm | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| | Ø.318Ø1 | 1052 | α 98° β 95° | HW | 1066 | 2700 | >85 | 00 |
| | | | | WW | 1110 | 3000 | >85 | |
| | | | | NN | 1170 | 4000 | >85 | |
| | possible configuration | | | Ø.318Ø1. WW 00 | | | | |

**12 W-12V** — **1050 lm**

| LED | product reference | L mm | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| | Ø.318Ø2 | 1404 | α 98° β 95° | HW | 1421 | 2700 | >85 | 00 |
| | | | | WW | 1480 | 3000 | >85 | |
| | | | | NN | 1560 | 4000 | >85 | |
| | possible configuration | | | Ø.318Ø2. WW 00 | | | | |

Electronic driver: 0.**31710**.00 20W 220-240V 50/60Hz 12Vcc
to order separately (see page 191)

Accessories (pg. 191).
Photometric data (pg. 765).

**13,5 W-24V** — **1131 lm**

| LED | product reference | L mm | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| | Ø.315ØØ | 600 | α 105° β 106° | HW | 1584 | 2700 | >85 | 00 |
| | | | | WW | 1131 | 3000 | >85 | |
| | | | | NN | 1191 | 4000 | >85 | |
| | possible configuration | | | Ø.315ØØ WW 00 | | | | |

**18 W-24V** — **1508 lm**

| LED | product reference | L mm | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| | Ø.3151Ø | 800 | α 105° β 106° | HW | 2112 | 2700 | >85 | 00 |
| | | | | WW | 2200 | 3000 | >85 | |
| | | | | NN | 2330 | 4000 | >85 | |
| | possible configuration | | | Ø.3151Ø. WW 00 | | | | |

Electronic driver: 0.**31550**.00 20W 220-240V 50/60Hz 24Vcc
to order separately (see page 191)

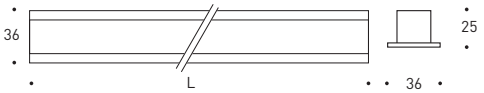
Accessories (pg. 191).
Photometric data (pg. 765).

REGGIANI

## Modular recessed lighting segments with LEDs.






IP43 | III | 850° | Lx33

**27 W-24V** — **2262 lm**

| LED | product reference | L mm | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| | Ø.3152Ø | 1200 | α 105° β 106° | HW | 3168 | 2700 | >85 | 00 |
| | | | | WW | 3300 | 3000 | >85 | |
| | | | | NN | 3500 | 4000 | >85 | |
| | possible configuration | | | Ø.3152Ø. WW 00 | | | | |

**54 W-24V** — **1508 lm**

| LED | product reference | L mm | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| | Ø.31535 | 2400 | α 105° β 106° | HW | 6336 | 2700 | >85 | 00 |
| | | | | WW | 6600 | 3000 | >85 | |
| | | | | NN | 6995 | 4000 | >85 | |
| | possible configuration | | | Ø.31535. WW 00 | | | | |

Electronic driver: 0.**31555**.00 100W 220-240V 50/60Hz 24Vcc
to order separately (see page 191)

Electronic driver: 0.**31550**.00 20W 220-240V 50/60Hz 24Vcc
to order separately (see page 191)

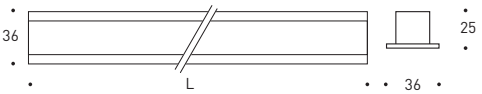
Accessories (pg. 191).
Photometric data (pg. 765).

Accessories (pg. 191).
Photometric data (pg. 765).

## Modular recessed lighting segments with LEDs.






IP43 | III | 850° | Lx33

**12 W-24V**

| LED | product reference | L mm | | finish reference |
|---|---|---|---|---|
| | Ø.316ØØ | 600 | RGB LED | 00 |
| | possible configuration | | Ø.316ØØ. 00 00 | |

**24 W-24V**

| LED | product reference | L mm | | finish reference |
|---|---|---|---|---|
| | Ø.3161Ø | 1200 | RGB LED | 00 |
| | possible configuration | | Ø.3161Ø. 00 00 | |

**16 W-24V**

| LED | product reference | L mm | | finish reference |
|---|---|---|---|---|
| | Ø.3160Ø5 | 800 | RGB LED | 00 |
| | possible configuration | | Ø.3160Ø5. 00 00 | |

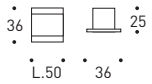
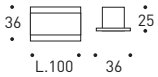
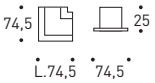
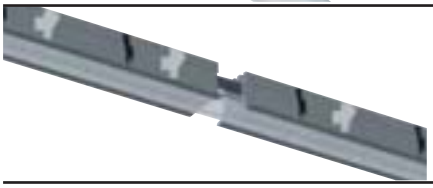
**48 W-24V**

| LED | product reference | L mm | | finish reference |
|---|---|---|---|---|
| | Ø.31615 | 2400 | RGB LED | 00 |
| | possible configuration | | Ø.3160Ø5. 00 00 | |

Electronic driver: 0.**31555**.00 100W 220-240V 50/60Hz 24Vcc
to order separately (see page 191)

Accessories (pg. 191).

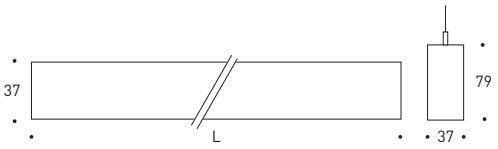
## Components

| | details | l/mm | reference | | finish reference | possible configuration |
|---|---|---|---|---|---|---|
|  | complementary element<br>L = 50mm | 50 | 24V | Ø.**3145Ø**.WW | 00 | Ø.3145Ø.WW.00 |
| | | | | Ø.**3145Ø**.NN | | |
| | | | 12V | Ø.**3180Ø**.WW | | |
| | | | | Ø.**3180Ø**.NN | | |
|  | complementary element<br>L = 100mm | 50 | 24V | Ø.**3146Ø**.WW | 00 | Ø.3146Ø.WW.00 |
| | | | | Ø.**3146Ø**.NN | | |
| | | | 12V | Ø.**3180Ø**.WW | | |
| | | | | Ø.**3180Ø**.NN | | |
|  | corner complementary element | 50 | 24V | Ø.**3147Ø**.WW | 00 | Ø.3147Ø.WW.00 |
| | | | | Ø.**3147Ø**.NN | | |
| | | | 12V | Ø.**3180Ø**.WW | | |
| | | | | Ø.**3180Ø**.NN | | |
| | electronic driver<br>220-240V 50/60Hz 12Vcc | | 20W | Ø.**3171Ø**.ØØ | 00 | Ø.3171Ø.ØØ.00 |
| | electronic driver<br>220-240V 50/60Hz 24Vcc | | 20W | Ø.**3155Ø**.ØØ | | |
| | | | 100W | Ø.**3155**.ØØ | | |
| | Control device (1-10 V) for white LEDs to install between driver and LED module, max120W | | | Ø.**3156**.ØØ | 00 | Ø.3156.ØØ.00 |
| | emergency pack, max 30W | | | Ø.**3156Ø**.ØØ | | |
| | DALI/SWITCH DIM device to install between driver and LED module, max 120W | | | Ø.**3156Ø**.ØØ | | |
|  | end cover<br>two end covers included in every pack | | | Ø.**3154Ø**.ØØ | 00 | Ø.**3154Ø**.ØØ.00 |
|  | diffuser<br>length 3000mm<br>we recommend positioning the diffuser as shown | | | Ø.**3154**.ØØ | 00 | Ø.**3154**.ØØ.00 |
|  | coupler<br>to join two or more Linea Luce lighting segments together | | | Ø.**3154**.ØØ | 00 | Ø.**3154**.ØØ.00 |
| | interface device to control RGB LEDs | | | | 00 | Ø.3163Ø.ØØ.00 |
| | 1-10V | | 48W | Ø.**3163Ø**.ØØ | | |
| | DALI 1 for each colour | | 48W | Ø.**3163**.ØØ | | |
| | DMX | | 48W | Ø.**3163**.ØØ | | |

## Modular pendant lighting system with LEDs and driver

10 21 28






IP40 850°

**13,5 W** — **1755 lm**

| LED | product reference | L mm | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| | Ø.395ØØ | 600 | α 105° β 106° | HW | 1584 | 2700 | >85 | 1Ø |
| | | | | WW | 1650 | 3000 | >85 | 21 |
| | | | | NN | 1755 | 4000 | >85 | 28 |
| | possible configuration | | | Ø.395ØØ WW 00 | | | | |

**18 W** — **2330 lm**

| LED | product reference | L mm | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| | Ø.3951Ø | 800 | α 105° β 106° | HW | 2112 | 2700 | >85 | 1Ø |
| | | | | WW | 2200 | 3000 | >85 | 21 |
| | | | | NN | 2330 | 4000 | >85 | 28 |
| | possible configuration | | | Ø.3951Ø WW 00 | | | | |

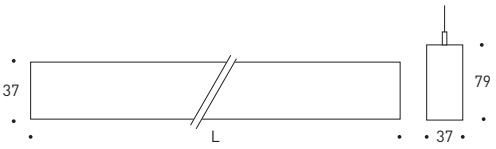
Accessories (pg. 194).
Photometric data (pg. 765).

Accessories (pg. 194).
Photometric data (pg. 765).

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## Modular pendant lighting system with LEDs and driver






IP40 | 850°

**27 W** — **3500 lm**

| LED | product reference | L mm | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| | Ø.3952Ø | 1200 | α 105° β 106° | HW | 3168 | 2700 | >85 | 1Ø |
| | | | | WW | 3300 | 3000 | >85 | 21 |
| | | | | NN | 3500 | 4000 | >85 | 28 |
| | possible configuration | | | Ø.3952Ø WW 00 | | | | |

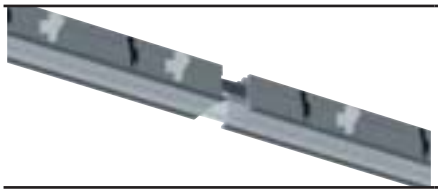
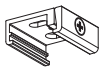
**54 W** — **6995 lm**

| LED | product reference | L mm | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| | Ø.3953Ø | 2400 | α 105° β 106° | WW | | 3000 | >85 | 1Ø |
| | | | | NN | | 4000 | >85 | 21 |
| | | | | NN | 6995 | 4000 | >85 | 28 |
| | possible configuration | | | Ø.3953Ø WW 00 | | | | |

Accessories (pg. 194).
Photometric data (pg. 765).

Accessories (pg. 194).
Photometric data (pg. 765).

## Components

| | details | reference | finish reference | possible configuration |
|---|---|---|---|---|
|  | end cover<br><br>two end covers included in every pack | Ø.**3954Ø**.ØØ | 00 | Ø.**3954Ø**.ØØ 00 |
|  | diffuser<br>length 3000mm<br><br>we recommend positioning the diffuser as shown | Ø.**31548**.ØØ | 00 | Ø.**31548**.ØØ 00 |
|  | coupler<br>to join two or more Linea Luce lghting segments together | Ø.**39545**.ØØ | 00 | Ø.**39545**.ØØ 00 |
|  | ceiling clamp | Ø.**39546**.ØØ | 1Ø<br>21<br>28 | Ø.**39546**.ØØ 00 |



Palazzo di Propaganda Fide - Roma Italia



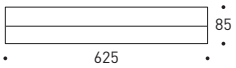
# FLURE

## modular lighting system

## Fixed wall mounted luminaire with symmetric light distribution and control gear technology for fluorescent lamps



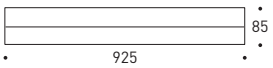



IP66 | 850° | g 2588 | IK 07

| FLU | 1x14W T5 (FH) | 1x24W T5 (FQ) | beam width | finish reference |
|---|---|---|---|---|
| | Ø.12520.ØØ | | / | 28 |
| possible configuration | | | Ø.12520.ØØ 28 | |






IP66 | 850° | g 2588 | IK 07

| FLU | 1x21W T5 (FH) | 1x39W T5 (FQ) | beam width | finish reference |
|---|---|---|---|---|
| | Ø.12522.ØØ | | / | 28 |
| possible configuration | | | Ø.12522.ØØ 28 | |

FILTERS

Accessories (pg. 203).

FILTERS

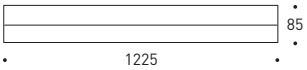
Accessories (pg. 203).

REGGIANI

## Fixed wall mounted luminaire with symmetric light distribution and control gear technology for fluorescent lamps



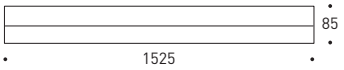



IP66 | 850° | g 2588 | IK 07

| FLU | 1x28W T5 (FH) | 1x54W T5 (FQ) | beam width | finish reference |
|---|---|---|---|---|
| | Ø.12524.ØØ | | / | 28 |
| for maintained illumination when used as emergency lighting | | | | |
| | Ø.12525.ØØ | | / | |
| possible configuration | | | Ø.12524.ØØ 28 | |






IP66 | 850° | g 2588 | IK 07

| FLU | 1x35W T5 (FH) | 1x49W T5 (FQ) | 1x80W T5 (FQ) | beam width | finish reference |
|---|---|---|---|---|---|
| | Ø.12526.ØØ | | | / | 28 |
| for maintained illumination when used as emergency lighting | | | | | |
| | Ø.12527.ØØ | | | / | |
| possible configuration | | | | Ø.12526.ØØ 28 | |

FILTERS

Accessories (pg. 203).

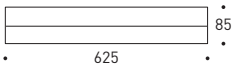
FILTERS

Accessories (pg. 203).

## Adjustable wall mounted luminaire with symmetric light distribution and control gear technology for fluorescent lamps



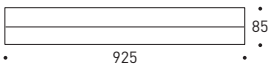



IP66 | 850° | 90° | g 2760 | IK 07

| FLU | 1x14W T5 (FH) | 1x24W T5 (FQ) | beam width | finish reference |
|---|---|---|---|---|
| | Ø.12530.ØØ | | / | 28 |
| possible configuration | | | Ø.12530.ØØ 28 | |






IP66 | 850° | 90° | g 2760 | IK 07

| FLU | 1x21W T5 (FH) | 1x39W T5 (FQ) | beam width | finish reference |
|---|---|---|---|---|
| | Ø.12532.ØØ | | / | 28 |
| possible configuration | | | Ø.12532.ØØ 28 | |

FILTERS

Accessories (pg. 203).

FILTERS

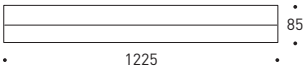
Accessories (pg. 203).

REGGIANI

## Adjustable wall mounted luminaire with symmetric light distribution and control gear technology for fluorescent lamps



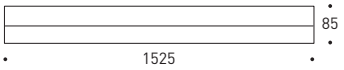



IP66 | 850° | 90° | g 2760 | IK 07

| FLU | 1x28W T5 (FH) | 1x54W T5 (FQ) | beam width | finish reference |
|---|---|---|---|---|
| | Ø.12534.ØØ | | / | 28 |
| for maintained illumination when used as emergency lighting | Ø.12535.ØØ | | / | |
| possible configuration | | | Ø.12534.ØØ 28 | |






IP66 | 850° | 90° | g 2760 | IK 07

| FLU | 1x35W T5 (FH) | 1x49W T5 (FQ) | 1x80W T5 (FQ) | beam width | finish reference |
|---|---|---|---|---|---|
| | Ø.12536.ØØ | | | / | 28 |
| for maintained illumination when used as emergency lighting | Ø.12537.ØØ | | | / | |
| possible configuration | | | | Ø.12536.ØØ 28 | |

FILTERS

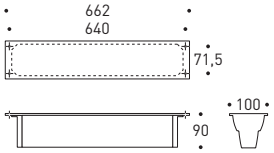
Accessories (pg. 203).

FILTERS

Accessories (pg. 203).

## Fixed ground recessed DRIVE-OVER luminaire with symmetric/asymmetric light distribution and control gear technology for fluorescent lamps





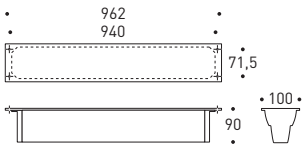

IP67 | 850° | 90° | g 3271 | IK 08/10 | KG 2000 KG

1x14W

| FLU | T5 (FH) | beam width | finish reference |
|---|---|---|---|
| Ø.125ØØ.ØØ | | symmetric | 28 |
| Ø.12495.ØØ | | asymmetric | |
| possible configuration | | Ø.125ØØ.ØØ 28 | |

FILTERS





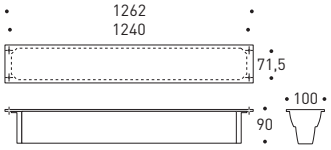

IP67 | 850° | 90° | g 3271 | IK 08/10 | KG 2000 KG

1x21W

| FLU | T5 (FH) | beam width | finish reference |
|---|---|---|---|
| Ø.125Ø1.ØØ | | symmetric | 28 |
| Ø.12496.ØØ | | asymmetric | |
| possible configuration | | Ø.125Ø1.ØØ 28 | |

FILTERS






IP67 | 850° | 90° | g 3271 | IK 08/10 | KG 2000 KG

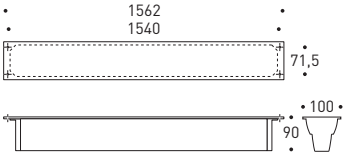
1x28W

| FLU | T5 (FH) | beam width | finish reference |
|---|---|---|---|
| Ø.125Ø2.ØØ | | symmetric | 28 |
| Ø.12497.ØØ | | asymmetric | |
| possible configuration | | Ø.125Ø2.ØØ 28 | |

FILTERS

Accessories (pg. 203).






IP67 | 850° | 90° | g 3271 | IK 08/10 | KG 2000 KG

1x35W

| FLU | T5 (FH) | beam width | finish reference |
|---|---|---|---|
| Ø.125Ø3.ØØ | | symmetric | 28 |
| Ø.12498.ØØ | | asymmetric | |
| possible configuration | | Ø.125Ø3.ØØ 28 | |

FILTERS

Accessories (pg. 203).

# Accessories
## fluorescent

| **FLURE** 6XXmm | details | reference | finish reference |
|---|---|---|---|
| FILTERS | coloured filters | Ø.12555.ØØ | 74 |
| | shield finish:<br>**74** blue dichroic<br>**75** green dichroic<br>**76** yellow dichroic<br>**77** red dichroic | Ø.12555.ØØ | 75 |
| | | Ø.12555.ØØ | 76 |
| | | Ø.12555.ØØ | 77 |
| | anti-glare louvre | Ø.12560.ØØ | 00 |
| | barn doors | Ø.12550.ØØ | 28 |
| | recessing box ror installation of the luminaire flush with the ground | Ø.12504.ØØ | 00 |
| possible configuration | | Ø.12555.ØØ | 74 |

| **FLURE** 9XXmm | details | reference | finish reference |
|---|---|---|---|
| FILTERS | coloured filters | Ø.12556.ØØ | 74 |
| | shield finish:<br>**74** blue dichroic<br>**75** green dichroic<br>**76** yellow dichroic<br>**77** red dichroic | Ø.12556.ØØ | 75 |
| | | Ø.12556.ØØ | 76 |
| | | Ø.12556.ØØ | 77 |
| | anti-glare louvre | Ø.12561.ØØ | 00 |
| | barn doors | Ø.12551.ØØ | 28 |
| | recessing box ror installation of the luminaire flush with the ground | Ø.12505.ØØ | 00 |
| possible configuration | | Ø.12556.ØØ | 74 |

| **FLURE** 12XXmm | details | reference | finish reference |
|---|---|---|---|
| FILTERS | coloured filters | Ø.12557.ØØ | 74 |
| | shield finish:<br>**74** blue dichroic<br>**75** green dichroic<br>**76** yellow dichroic<br>**77** red dichroic | Ø.12557.ØØ | 75 |
| | | Ø.12557.ØØ | 76 |
| | | Ø.12557.ØØ | 77 |
| | anti-glare louvre | Ø.12562.ØØ | 00 |
| | barn doors | Ø.12552.ØØ | 28 |
| | recessing box ror installation of the luminaire flush with the ground | Ø.12506.ØØ | 00 |
| possible configuration | | Ø.12557.ØØ | 74 |

| **FLURE** 15XXmm | details | reference | finish reference |
|---|---|---|---|
| FILTERS | coloured filters | Ø.12558.ØØ | 74 |
| | shield finish:<br>**74** blue dichroic<br>**75** green dichroic<br>**76** yellow dichroic<br>**77** red dichroic | Ø.12558.ØØ | 75 |
| | | Ø.12558.ØØ | 76 |
| | | Ø.12558.ØØ | 77 |
| | anti-glare louvre | Ø.12563.ØØ | 00 |
| | barn doors | Ø.12553.ØØ | 28 |
| | recessing box ror installation of the luminaire flush with the ground | Ø.12507.ØØ | 00 |
| possible configuration | | Ø.12558.ØØ | 74 |

# Recessed luminaire


| | |
|---|---|
| Mosaico | 206 |
| Domino | 214 |
| Sombrado | 222 |
| Varios | 228 |
| Bisio | 234 |
| Unimosa | 246 |
| Unisio | 250 |
| Sombra | 262 |
| Re low LED | 272 |
| Ttile | 282 |
| Spled | 286 |
| Ione | 290 |
| Quadriplus | 296 |
| Superaxel | 300 |
| Supertechne | 316 |
| Mimo | 332 |
| Downspot | 340 |
| Low voltage | 344 |



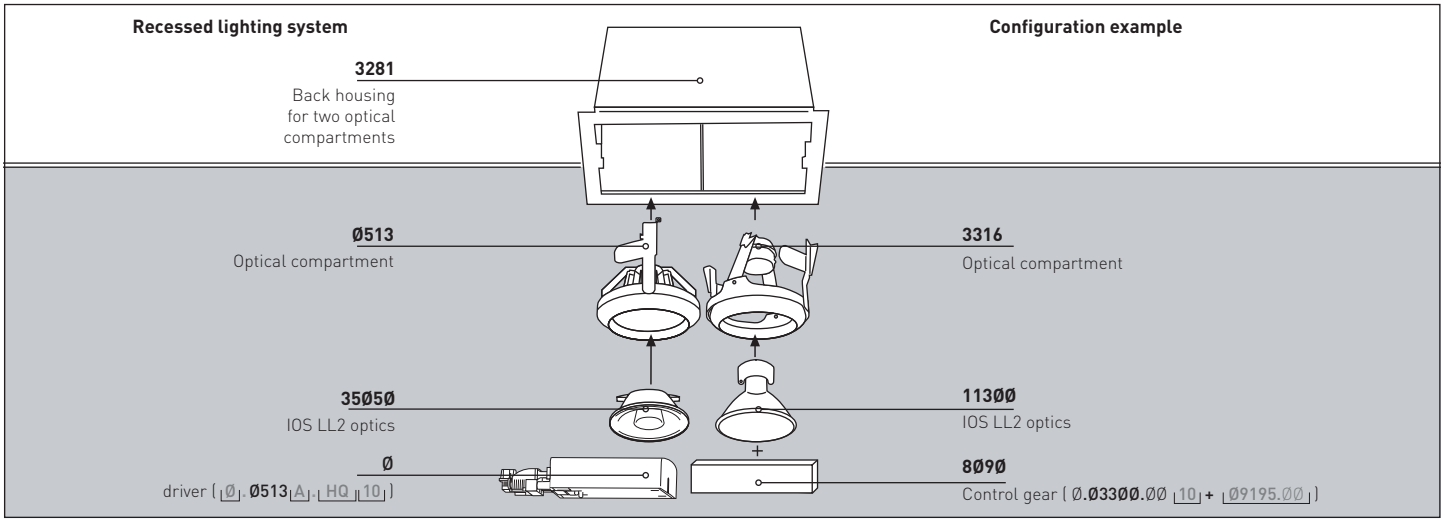


# MOSAICO

adjustable recessed luminaire with variable configuration

## Back housings

In order to achieve the desired lighting configuration, the structure is supplied without optical compartments.
When ordering, the back housing ref. must be indicated (Ø.**03280.**ØØ[10]).



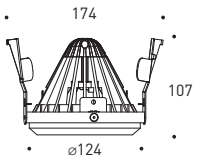

| **BACK HOUSINGS** WITH 1 TO 4 MODULES PLACED IN LINE OR IN A SQUARE | details | mm | reference | finish reference | configuration example |
|---|---|---|---|---|---|
|  | back housing with 1 compartment | 165x165 | Ø.**Ø328Ø**.ØØ | [10]<br>[21]<br>[28] | Ø.**Ø328Ø**.ØØ[10] |
|  | back housing with 2 compartments | 320x165 | Ø.**Ø3281**.ØØ | [10]<br>[21]<br>[28] | Ø.**Ø3281**.ØØ[10] |
|  | back housing with 3 compartments | 475x165 | Ø.**Ø3282**.ØØ | [10]<br>[21]<br>[28] | Ø.**Ø3282**.ØØ[10] |
|  | back housing with 4 compartments | 630x175 | Ø.**Ø3283**.ØØ | [10]<br>[21]<br>[28] | Ø.**Ø3283**.ØØ[10] |
|  | back housing with 4 compartments | 320x320 | Ø.**Ø3284**.ØØ | [10]<br>[21]<br>[28] | Ø.**Ø3284**.ØØ[10] |

REGGIANI

## Optical compartment for LED technology with remote driver






IP20 IP20 | IOS | 850° | g 754

**13 W** — **1500 lm**

| LED | driver reference | optical compartment reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | Ø513 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | V | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| | | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | D | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | T | | F | Mira α/β | | | | | |
| | | | K | without optics | | | | | |
| | possible configuration | | | | Ø · Ø513 · A · HQ · 10 | | | | |

**22 W** — **2500 lm**

| LED | driver reference | optical compartment reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | Ø515 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | V | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| | | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | D | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | T | | F | Mira α/β | | | | | |
| | | | K | without optics | | | | | |
| | possible configuration | | | | Ø · Ø515 · A · HQ · 10 | | | | |

In order to achieve the desired lighting configuration, when ordering it is necessary to indicate the references for: driver, optical compartment, optics, lumen package and finish.

**30 W** — **3500 lm**

| LED | driver reference | optical compartment reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | Ø517 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| | V | | B | 15° | WW | 3617 | 3000 | >80 | 21 |
| | | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | D | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira α/β | | | | | |
| | | | K | without optics | | | | | |
| | possible configuration | | | | Ø · Ø517 · A · HQ · 10 | | | | |

In order to achieve the desired lighting configuration, when ordering it is necessary to indicate the references for: driver, optical compartment, optics, lumen package and finish.

LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

Back housings (pg. 208). Accessories (pg. 213).
Photometric data (pg. 704-705 / 708-709 / 712-713).

## Optical compartment for metal halide lamps with remote driver






IP20 / IP40 | IOS | 850° | g 388

| MH IOS | CDM-TC G8.5 | optical compartment reference | finish reference |
|---|---|---|---|
| 35 - 70 W | | Ø.Ø3316.ØØ | 10 |
| | | | 21 |
| | | | 28 |

| | IOS MH2 optics | |
|---|---|---|
| • ø80 • | Ø.113ØØ.ØØ | 14° - 16° |
| | Ø.1130 1.ØØ | 34° - 34° |
| | Ø.1130 2.ØØ | 56° - 58° |
| | Ø.1130 3.ØØ | Mira |

| | control gear technologies |
|---|---|
| Ø.Ø919Ø.EV | HPF for metal halide lamps, 35W |
| Ø.Ø8Ø9Ø.ØØ | HF for metal halide lamps ,35W |
| Ø.Ø9191.EV | HPF for metal halide lamps, 70W |
| Ø.Ø8Ø96.ØØ | HF for metal halide lamps, 70W |
| Ø.Ø9192.EV | HPF for metal halide lamps, 150W |
| Ø.Ø8Ø89.ØØ | HF for metal halide lamps, 150 W |

| possible configuration | Ø.Ø3316.ØØ 10 + 113ØØ.ØØ + Ø.Ø919Ø.EV |
|---|---|

In order to achieve the desired lighting configuration, when ordering it is necessary to indicate the references for: optical compartment, optics, control gear technology and finish.

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

Back housings (pg. 208). Accessories (pg. 213).
Photometric data (pg. 767).

| MH IOS | CDM-T G12 | optical compartment reference | finish reference |
|---|---|---|---|
| 35 - 70 - 150 W | | Ø.Ø3318.ØØ | 10 |
| | | | 21 |
| | | | 28 |

| | IOS MH4 optics | |
|---|---|---|
| • ø80 • | Ø.Ø33Ø5.ØØ | 12° - 14° - 16° |
| | Ø.Ø33Ø6.ØØ | 22° - 24° - 24° |
| | Ø.Ø33Ø7.ØØ | 74° - 78° - 82° |
| | Ø.Ø33Ø8.ØØ | Mira |

| | Control gear technologies |
|---|---|
| Ø.Ø919Ø.EV | HPF for metal halide lamps, 35W |
| Ø.Ø8Ø9Ø.ØØ | HF for metal halide lamps, 35W |
| Ø.Ø9191.EV | HPF for metal halide lamps, 70W |
| Ø.Ø8Ø96.ØØ | HF for metal halide lamps, 70W |
| Ø.Ø9192.EV | HPF for metal halide lamps, 150W |
| Ø.Ø8Ø89.ØØ | HF for metal halide lamps, 150 W |

| possible configuration | Ø.Ø3318.ØØ 10 + Ø33Ø5.ØØ + Ø.Ø919Ø.EV |
|---|---|

In order to achieve the desired lighting configuration, when ordering it is necessary to indicate the references for: optical compartment, optics, control gear technology and finish.

MH IOS MH4 | MH IOS MH4 FOOD | MH IOS MH4 UV/IR | MH IOS MH4

Back housings (pg. 208). Accessories (pg. 213).
Photometric data (pg. 769).

REGGIANI

## Optical compartment for metal halide lamps and mains voltage halogen lamps, with remote driver

10 21 28





IP20 IP20 | 850° | g 340

IP20 IP20 | 850° | g 236

| MH | HIR-PAR30 E27 | optical compartment reference | finish reference |
|---|---|---|---|
| | 35 - 70 W | Ø.Ø33Ø2.ØØ | 10<br>21<br>28 |

| MH | CDM-R111 GX8.5 | optical compartment reference | finish reference |
|---|---|---|---|
| | 35 W | Ø.Ø3298.ØØ | 10<br>21<br>28 |

\+

| | control gear technologies |
|---|---|
| | Ø919Ø.EV — HPF for metal halide lamps, 35W |
| | Ø8Ø9Ø.ØØ — HF for metal halide lamps, 35W |
| | Ø9191.EV — HPF for metal halide lamps, 70W |
| | Ø8Ø96.ØØ — HF for metal halide lamps, 70W |
| possible configuration | Ø.Ø33Ø2.ØØ 10 + Ø919Ø.EV |

| HALO | QR-111 G53 | optical compartment reference | finish reference |
|---|---|---|---|
| | 65 W | Ø.Ø3299.ØØ | 10<br>21<br>28 |

\+

| | control gear technologies |
|---|---|
| | Ø9196.ØØ — electronic transformer, 100W |
| possible configuration | Ø.Ø3299.ØØ 10 + Ø9196.ØØ |

In order to achieve the desired lighting configuration, the structure is supplied without optical compartments. When ordering, it is necessary to indicate the references for: structure, body, control gear technologies for metal halide lamps or transformer for 12 V halogen lamps.

FLU

Back housings (pg. 208). Accessories (pg. 213).

FLU

Back housings (pg. 208). Accessories (pg. 213).

## Optical compartment for halogen lamps with remote driver

10 21 28



IP20 IP20 | 850° | g 397

| HALO | HEG-PAR30 (E27) lamp with built-in reflector | optical compartment reference | finish reference |
|---|---|---|---|
| | 75 W | Ø.Ø33Ø1.ØØ | 10 |
| | | | 21 |
| | | | 28 |
| | possible configuration | Ø.Ø33Ø1.ØØ 10 | |

FLU

Back housings (pg. 208). Accessories (pg. 213).

## Accessories
LED

| MOSAICO | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.**3505Ø**.ØØ | 00 |
| | | | B | 15° | Ø.**35Ø49**.ØØ | |
| | | | C | 21° | Ø.**35Ø51**.ØØ | |
| | | | D | 29° | Ø.**35Ø52**.ØØ | |
| | | | E | 51° | Ø.**35Ø53**.ØØ | |
| | | | F | Mira* | Ø.**3505Ø**.ØØ | |
| | | | H | W. W. | Ø.**35Ø59**.ØØ | |
| LED IOS LL2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.**3505Ø**.ØØ | 64 |
| | | | | 15° | Ø.**35Ø49**.ØØ | 65 |
| | | | | 21° | Ø.**35Ø51**.ØØ | 66 |
| | | | | 29° | Ø.**35Ø52**.ØØ | 67 |
| | | | | 51° | Ø.**35Ø53**.ØØ | |
| 1 HOUR | | emergency pack for LED luminaires including Ni/Cd battery with 1h back-up<br><br>sizes in mm:<br>160 x 55 x 90<br>(L x W x H) | | | Ø.**35Ø81**.ØØ | 00 |
| | | extension lead for LED luminaires<br><br>three-metre, two-core cable complete with quick-fit plug and socket | | | Ø.**351ØØ**.ØØ | 00 |

* elliptical beam

possible configuration Ø.35Ø5Ø.ØØ 00

## Accessories
halogen lamps / metal halide lamps

| MOSAICO | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 00 |
| | | | | 34° | Ø.**11301**.ØØ | |
| | | | | 56°/58° | Ø.**11302**.ØØ | |
| | | | | Mira* | Ø.**11303**.ØØ | |
| MH IOS MH2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 64 |
| | | | | 34° | Ø.**11301**.ØØ | 65 |
| | | | | 56°/58° | Ø.**11302**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH2 UV/IR<br>MH IOS MH2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 59 |
| | | | | 34° | Ø.**11301**.ØØ | 79 |
| | | | | 56°/58° | Ø.**11302**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| MH IOS MH4 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS HL2 | 12°/14°<br>16° | Ø.**Ø33Ø5**.ØØ | 00 |
| | | | | 22°/24° | Ø.**Ø33Ø6**.ØØ | |
| | | | | 74°/78°<br>82° | Ø.**Ø33Ø7**.ØØ | |
| MH IOS MH4 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS HL2 | 12°/14°<br>16° | Ø.**Ø33Ø5**.ØØ | 64 |
| | | | | 22°/24° | Ø.**Ø33Ø6**.ØØ | 65 |
| | | | | 74°/78°<br>82° | Ø.**Ø33Ø7**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH4 UV/IR<br>MH IOS MH4 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS HL2 | 12°/14°<br>16° | Ø.**Ø33Ø5**.ØØ | 59 |
| | | | | 22°/24° | Ø.**Ø33Ø6**.ØØ | 79 |
| | | | | 74°/78°<br>82° | Ø.**Ø33Ø7**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |

* elliptical beam

possible configuration Ø.113ØØ.ØØ 10

| MOSAICO | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| FLU | | optical compartment with HF control gear for emergency lighting | | | Ø.**Ø33Ø3**.ØØ | 10 |
| | | | | | | 21 |
| | | | | | | 28 |

possible configuration Ø.Ø33Ø3.ØØ 10



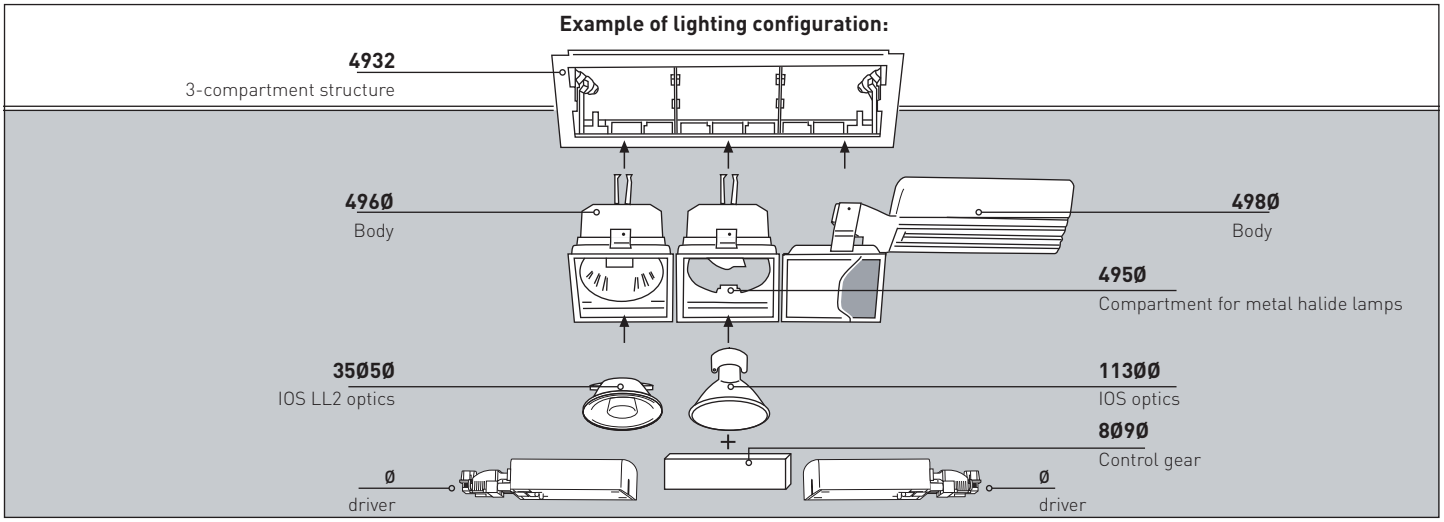
# DOMINO

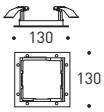
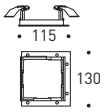
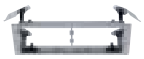
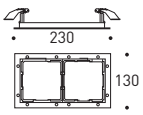
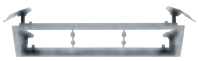
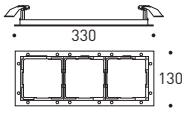
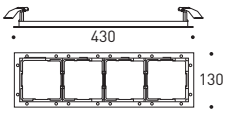
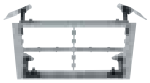
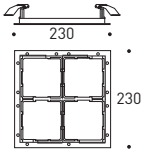
## recessed module with variable configuration

design by: **Fabio Reggiani**

## Optical compartments

In order to achieve the desired lighting configuration, the structure is supplied without optical compartments.
When ordering, the **structure** ref.




| | | details | | mm | mm | reference | finish reference | possible configuration |
|---|---|---|---|---|---|---|---|---|
|  |  | 1-compartment structure | | 110x110 | 105x105 | Ø.**Ø493Ø**.ØØ | 10<br>21<br>28 | Ø.Ø493Ø.ØØ 10 |
|  |  | Additional 1-compartment structure | | 110x115 | 105x110 | Ø.**Ø491Ø**.ØØ | 10<br>21<br>28 | Ø.Ø491Ø.ØØ 10 |
|  |  | 2-compartment structure | | 110x210 | 105x210 | Ø.**Ø4931**.ØØ | 10<br>21<br>28 | Ø.Ø4931.ØØ 10 |
|  |  | 3-compartment structure | | 110x310 | 105x305 | Ø.**Ø4932**.ØØ | 10<br>21<br>28 | Ø.Ø4932.ØØ 10 |
|  |  | 4-compartment structure | | 110x410 | 105x405 | Ø.**Ø4933**.ØØ | 10<br>21<br>28 | Ø.Ø4933.ØØ 10 |
|  |  | 4-compartment structure | | 210x110 | 205x205 | Ø.**Ø4934**.ØØ | 10<br>21<br>28 | Ø.Ø4934.ØØ 10 |

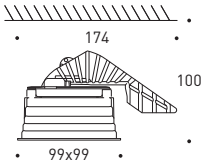
REGGIANI

## Square, modular recessed lighting system with variable configuration

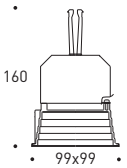
10 21 28

The finishes apply to the colour of the structure; the body is black only.








IP20 IP40 | IOS | 850° | 45° | 356° | g 611

10 W — 1000 lm

| LED | driver reference | optical compartment reference | optics reference | lumen reference | finish reference |
|---|---|---|---|---|---|
| | | | IOS LL1 | nom. lm / K / CRI | |
| Ø | | Ø562 | 1 15° | HQ 873 3000 >90 | 00 |
| V | | | 2 30° | WW 1044 3000 >80 | |
| D | | | 3 48° | NN 1166 4000 >95 | |
| T | | | K without optics | | |
| possible configuration | | | Ø . Ø562 . 1 . HQ . 10 | | |

In order to achieve the desired lighting configuration, when ordering, the driver ref., the optical compartment ref., the optics ref., the lumen package ref. and the finish ref. must be indicated.

IP20 IP40 | IOS | 850° | 45° | 356° | g 673

13 W — 1500 lm

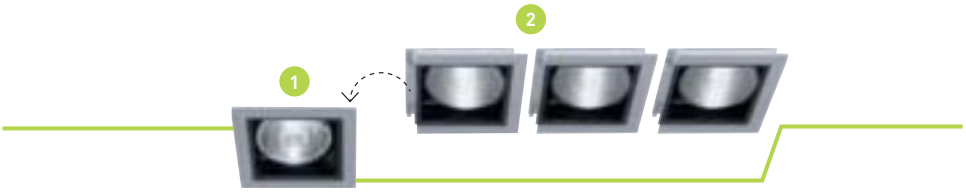
| LED | driver reference | optical compartment reference | optics reference | lumen reference | finish reference |
|---|---|---|---|---|---|
| | | | IOS LL2 | nom. lm / K / CRI | |
| Ø | | Ø563 | A 11° | HQ 1221 3000 >90 | 00 |
| V | | | B 15° | WW 1500 3000 >80 | |
| D | | | C 21° | NN 1661 4000 >80 | |
| T | | | D 29° | | |
| | | | E 51° | | |
| | | | F Mira | | |
| | | | K without optics | | |
| possible configuration | | | Ø . Ø563 . A . HQ . 10 | | |

In order to achieve the desired lighting configuration, when ordering, the driver ref., the optical compartment ref., the optics ref., the lumen package ref. and the finish ref. must be indicated.

### 1-COMPARTMENT STRUCTURE

**↘1**
It can be used as a single structure (**4930**) or as the base to connect **Additional Structures** (**4910**) to obtain multiple confi gurations

**↘2**
Additional Structures (**4910**)




LED IOS LL1 | LED IOS LL2 FOOD | 1 HOUR

Structure (pg. 216). Accessories (pg. 221).
Photometric data (pg. 704-705).

LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

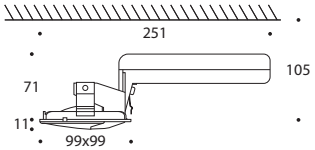
Structure (pg. 216). Accessories (pg. 221).
Photometric data (pg. 704-705).

## Square, modular recessed lighting system with variable configuration




The finishes apply to the colour of the structure; the body is black only.






IP20 / IP40 | IOS | 850° | 45° | 356° | g 518

13 W — 1500 lm

| LED | driver reference | optical compartment reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| | | | IOS LL8 | | | | | |
| | Ø | B563Ø | asymmetric beam | HQ | 1221 | 3000 | >90 | 10 |
| | V | | | WW | 1500 | 3000 | >80 | 21 |
| | D | | | NN | 1661 | 4000 | >80 | 28 |
| | T | | | | | | | |
| possible configuration | | Ø . B563Ø . HQ 10 | | | | | | |

In order to achieve the desired lighting configuration, the structure is supplied without optical compartments. When ordering, the reference for the optical compartment housing structure must be indicated.
* Components (pg. 216)

1 HOUR

Structure (pg. 216). Accessories (pg. 221).
Photometric data (pg. 740).

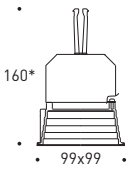
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## Square, modular recessed lighting system with variable configuration

10 21 28

The finishes apply to the colour of the structure; the body is black only.






IP20 IP40 | IOS | 850° | 45° | 356° | g 404

| MH IOS | CDM-TC G8.5 | optical compartment reference | finish reference |
|---|---|---|---|
| | 20 - 35 - 70 W | Ø.Ø495Ø.ØØ | 00 |

+

| IOS MH2 optics | |
|---|---|
| Ø.113ØØ.ØØ | 14° - 16° |
| Ø.113Ø1.ØØ | 34° - 34° |
| Ø.113Ø2.ØØ | 56° - 58° |
| Ø.113Ø3.ØØ | Mira |



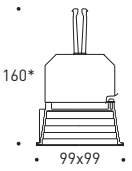

+

| control gear technologies | |
|---|---|
| Ø8Ø94.ØØ | HF for metal halide lamps, 20W |
| Ø8Ø9Ø.ØØ | HF for metal halide lamps, 35W |
| Ø8Ø96.ØØ | HF for metal halide lamps, 70W |

| possible configuration | Ø.Ø495Ø.ØØ 21 + 113ØØ.ØØ + Ø8Ø9Ø.EV |
|---|---|

To achieve the desired lighting configuration, when ordering, the optical compartment ref., the optics ref., the control gear ref. and the finish ref. must be indicated.






IP20 IP40 | III | IOS | 850° | 45° | 356° | g 501

| HALO IOS | QT-12 GY6.35 | optical compartment reference | finish reference |
|---|---|---|---|
| | 75 W - 12V | Ø.Ø497Ø.ØØ | 00 |

+

| IOS HL2 optics | |
|---|---|
| Ø.113ØØ.ØØ | / |
| Ø.113Ø1.ØØ | / |
| Ø.113Ø2.ØØ | / |
| Ø.113Ø3.ØØ | / |




+

| control gear technologies | |
|---|---|
| Ø9196.ØØ | Electronic transformer for halogen lamps, 100W |

| possible configuration | Ø.497Ø.ØØ 21 + 113ØØ.ØØ + Ø9196.ØØ |
|---|---|

To achieve the desired lighting configuration, when ordering, the optical compartment ref., the optics ref., the control gear ref. and the finish ref. must be indicated.

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS HH2 UV/IR | MH IOS MH2

Structure (pg. 216). Accessories (pg. 221).
Photometric data (pg. 767).

HALO IOS HL2 | HALO IOS HL2 FOOD | MH IOS MH2 UV/IR | HALO IOS HL2

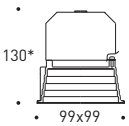
Structure (pg. 216). Accessories (pg. 221).
Photometric data (pg. 767).

## Square, modular recessed lighting system with variable configuration




The finishes apply to the colour of the structure; the body is black only.






IP20 / IP40 | 850° | 45° | 356° | g 365

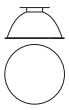
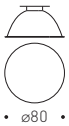
| MH | MR BRITESPOT GX10 | optical compartment reference | finish reference |
|---|---|---|---|
| | 20 - 35 W | Ø.Ø4945.ØØ | 00 |
| | | control gear technologies | |
| | | ØØ8Ø94.ØØ | HF for metal halide lamps, 20W |
| | | ØØ8Ø9Ø.ØØ | HF for metal halide lamps, 35W |
| | possible configuration | Ø.Ø4945.ØØ 21 + 08094.EV | |

To achieve the desired lighting configuration, when ordering, the optical compartment ref., the optics ref., the control gear ref. and the finish ref. must be indicated.

Structure (pg. 216).

Structure (pg. 216).

## Accessories
LED

| DOMINO | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL1 |  ø50 | interchangeable optical system<br><br>shield finish:<br>**00** clear | 1 | 15° | Ø.**35Ø05**.ØØ | 00 |
| | | | 2 | 30° | Ø.**35Ø06**.ØØ | |
| | | | 3 | 48° | Ø.**35Ø07**.ØØ | |
| LED IOS LL1 FOOD |  ø50 | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL1 | 15° | Ø.**35Ø05**.ØØ | 64 |
| | | | | 30° | Ø.**35Ø06**.ØØ | 65 |
| | | | | 48° | Ø.**35Ø07**.ØØ | 66 |
| | | | | | | 67 |
| LED IOS LL2 |  ø80 | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.**35Ø5Ø**.ØØ | 00 |
| | | | B | 15° | Ø.**35Ø49**.ØØ | |
| | | | C | 21° | Ø.**35Ø51**.ØØ | |
| | | | D | 29° | Ø.**35Ø52**.ØØ | |
| | | | E | 51° | Ø.**35Ø53**.ØØ | |
| | | | F | Mira* | Ø.**35Ø54**.ØØ | |
| | | | H | W. W. | Ø.**35Ø59**.ØØ | |
| LED IOS LL2 FOOD |  ø80 | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.**35Ø5Ø**.ØØ | 64 |
| | | | | 15° | Ø.**35Ø49**.ØØ | 65 |
| | | | | 21° | Ø.**35Ø51**.ØØ | 66 |
| | | | | 29° | Ø.**35Ø52**.ØØ | 67 |
| | | | | 51° | Ø.**35Ø53**.ØØ | |
| | 1 HOUR | emergency pack for LED luminaires including Ni/Cd battery with 1h back-up<br><br>sizes in mm:<br>160 x 55 x 90 (LxWxH) | | | Ø.**35Ø81**.ØØ | 00 |
| | | extension lead for LED luminaires<br><br>three-meter, two-core cable complete with quick-fit plug and socket | | | Ø.**351Ø0**.ØØ | 00 |
| | | Phase cut dimmer (max 400W) for LED adjustment | | | Ø.**351Ø0**.ØØ | 00 |

* elliptical beam

| possible configuration | Ø.35Ø05.ØØ 00 |
|---|---|

## Accessories
metal halide lamps / halogen lamps

| DOMINO | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 |  ø80 | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16° | Ø.**113Ø0**.ØØ | 00 |
| | | | | 34° | Ø.**113Ø1**.ØØ | |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | |
| | | | | Mira* | Ø.**113Ø3**.ØØ | |
| MH IOS MH2 FOOD |  ø80 | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16° | Ø.**113Ø0**.ØØ | 64 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 65 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH2 UV/IR<br>MH IOS MH2 |  ø80 | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16° | Ø.**113Ø0**.ØØ | 59 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 79 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| HALO IOS HL2 |  ø80 | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS HL2 | / | Ø.**113Ø0**.ØØ | 00 |
| | | | | / | Ø.**113Ø1**.ØØ | |
| | | | | / | Ø.**113Ø2**.ØØ | |
| | | | | / | Ø.**113Ø3**.ØØ | |
| HALO IOS HL2 FOOD |  ø80 | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS HL2 | / | Ø.**113Ø0**.ØØ | 64 |
| | | | | / | Ø.**113Ø1**.ØØ | 65 |
| | | | | / | Ø.**113Ø2**.ØØ | 66 |
| | | | | / | Ø.**113Ø3**.ØØ | 67 |
| MH IOS MH2 UV/IR<br>HALO IOS HL2 |  ø80 | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS HL2 | 18° | Ø.**113Ø0**.ØØ | 59 |
| | | | | 24° | Ø.**113Ø1**.ØØ | 79 |
| | | | | 30° | Ø.**113Ø2**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |

* elliptical beam

| possible configuration | Ø.113ØØ.ØØ 10 |
|---|---|



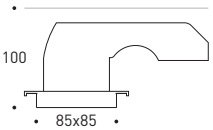


# SOMBRADO

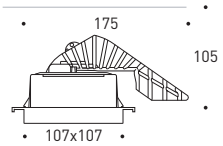
## fixed / adjustable recessed luminaire

## Square, fixed / adjustable trimless recessed luminaire with remote driver








IP20 IP43 | IOS | 850° | g 672 | 85x85

10 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | nom. lm | K | CRI | |
| | Ø | BA32 | 1 | 15° | HQ | 873 | 3000 | >90 | 12 |
| | V | | 2 | 30° | WW | 1044 | 3000 | >80 | |
| | D | | 3 | 48° | NN | 1166 | 4000 | >80 | |
| | T | | K | without optics | | | | | |
| possible configuration | | Ø . BA32 1 . HQ 12 | | | | | | | |

IP20 IP40 | IOS | 850° | 35° | 356° | g 776 | 109x109

10 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | nom. lm | K | CRI | |
| | Ø | CA32 | 1 | 15° | HQ | 873 | 3000 | >90 | 12 |
| | V | | 2 | 30° | WW | 1044 | 3000 | >80 | |
| | D | | 3 | 48° | NN | 1166 | 4000 | >80 | |
| | T | | K | without optics | | | | | |
| possible configuration | | Ø . CA32 1 . HQ 12 | | | | | | | |

LED IOS LL1 | LED IOS LL1 FOOD | DIMMER

Accessories (pg. 227).
Photometric data (pg. 702).

LED IOS LL1 | LED IOS LL1 FOOD | DIMMER

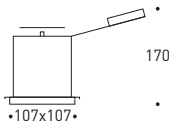
Accessories (pg. 227).
Photometric data (pg. 702).

REGGIANI

## Square, fixed trimless recessed luminaire with remote driver

12






IP20 IP43 | IOS | 850° | g 1201 | 109x109

13 W — 1500 lm

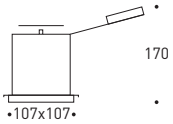
| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | BA33 | A | 11° | HQ | 1221 | 3000 | >90 | 12 |
| | V | | B | 15° | WW | 1500 | 3000 | >80 | |
| | | | C | 21° | NN | 1661 | 4000 | >80 | |
| | D | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | T | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . BA33 A . HQ 12 | | | | | | |

LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

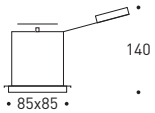
Accessories (pg. 227).
Photometric data (pg. 704-705).

## Square, fixed trimless recessed luminaire with remote driver for metal halide lamps and halogen lamps








IP20 IP43 | IOS | 850° | g 667 | 109x109

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.136Ø2.ØØ | | 14° | 12 |
| Ø.136Ø3.ØØ | | 34° | |
| Ø.136Ø4.ØØ | | 56° | |
| **35 W** | | | |
| Ø.136Ø5.ØØ | | 14° | 12 |
| Ø.136Ø6.ØØ | | 34° | |
| Ø.136Ø7.ØØ | | 56° | |
| **50 W** | | | |
| Ø.5ØØ43.ØØ | | 14° | 12 |
| Ø.5ØØ44.ØØ | | 34° | |
| Ø.5ØØ45.ØØ | | 56° | |
| **70 W** | | | |
| Ø.136Ø8.ØØ | | 16° | 12 |
| Ø.136Ø9.ØØ | | 34° | |
| Ø.1361Ø.ØØ | | 58° | |
| possible configuration | | Ø.136Ø2.ØØ 12 | |

IP20 IP43 | 850° | g 568 | 88x88

| HALO | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| **20 / 35 / 50 W - 12V** | | | |
| Ø.136ØØ.ØØ | | / | 12 |
| possible configuration | | Ø.136ØØ.ØØ 12 | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

Accessories (pg. 227).
Photometric data (pg. 767).

Accessories (pg. 227).

## Accessories
LED

| SOMBRADO | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL1 | • ø50 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | 1 | 15° | Ø.**35Ø05**.ØØ | 00 |
| | | | 2 | 30° | Ø.**35Ø06**.ØØ | |
| | | | 3 | 48° | Ø.**35Ø07**.ØØ | |
| LED IOS LL1 FOOD | • ø50 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL1 | 15° | Ø.**35Ø05**.ØØ | 64 |
| | | | | 30° | Ø.**35Ø06**.ØØ | 65 |
| | | | | 48° | Ø.**35Ø07**.ØØ | 66 |
| | | | | | | 67 |
| LED IOS LL2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.**35Ø5Ø**.ØØ | 00 |
| | | | B | 15° | Ø.**35Ø49**.ØØ | |
| | | | C | 21° | Ø.**35Ø51**.ØØ | |
| | | | D | 29° | Ø.**35Ø52**.ØØ | |
| | | | E | 51° | Ø.**35Ø53**.ØØ | |
| | | | F | Mira* | Ø.**35Ø54**.ØØ | |
| | | | H | W. W. | Ø.**35Ø59**.ØØ | |
| LED IOS LL2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.**35Ø5Ø**.ØØ | 64 |
| | | | | 15° | Ø.**35Ø49**.ØØ | 65 |
| | | | | 21° | Ø.**35Ø51**.ØØ | 66 |
| | | | | 29° | Ø.**35Ø52**.ØØ | 67 |
| | | | | 51° | Ø.**35Ø53**.ØØ | |
| 1 HOUR | | emergency pack for LED luminaires including Ni/Cd battery with 1h back-up<br><br>sizes in mm:<br>L.160 x P.55 x H.90 | | | Ø.**35Ø81**.ØØ | 00 |
| | | extension lead for LED luminaires<br><br>three-metre, two-core cable complete with quick-fit plug and socket | | | Ø.**351Ø0**.ØØ | 00 |
| DIMMER | | Phase cut dimmer (max 400W) for LED adjustment | | | Ø.**3511Ø**.ØØ | 00 |
| | | square matt safety glass with clear round centre 107x107 | | | Ø.**13695**.ØØ | 00 |

* elliptical beam

possible configuration Ø.**35Ø05**.ØØ 00

## Accessories
halogen lamps / metal halide lamps

| SOMBRADO | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16° | Ø.**113Ø0**.ØØ | 00 |
| | | | | 34° | Ø.**113Ø1**.ØØ | |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | |
| | | | | Mira* | Ø.**113Ø3**.ØØ | |
| MH IOS MH2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16° | Ø.**113Ø0**.ØØ | 64 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 65 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH2 UV/IR<br>MH IOS MH2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16° | Ø.**113Ø0**.ØØ | 59 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 79 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| | | square matt safety glass with clear round centre 107x107mm | | | Ø.**13695**.ØØ | 00 |
| | | square matt safety glass with clear round centre 85x85mm | | | Ø.**13697**.ØØ | 00 |

* elliptical beam

possible configuration Ø.**113Ø0**.ØØ 10





# VARIOS

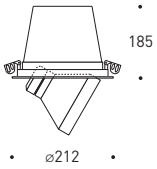
## adjustable recessed luminaire

design by: **L. A. P. D.**

## Round, adjustable recessed luminaire with remote driver

10 28






IP20 IP20 | 850° | 90° | 356° | g 1720 | ø 195

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | BA43 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| V | | | B | 15° | WW | 1500 | 3000 | >80 | 28 |
| D | | | C | 21° | NN | 1661 | 4000 | >80 | |
| T | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . BA43 A . HQ . 10

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | BA47 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| V | | | B | 15° | WW | 3617 | 3000 | >80 | 28 |
| D | | | C | 21° | NN | 3798 | 4000 | >80 | |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . BA47 A . HQ . 10

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | BA45 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| V | | | B | 15° | WW | 2650 | 3000 | >80 | 28 |
| D | | | C | 21° | NN | 2759 | 4000 | >80 | |
| T | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . BA45 A . HQ . 10

**38 W** — **4000 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL7 | | | | | | |
| Ø | | BA48 | N | 14° | HQ | 3578 | 3000 | >90 | 10 |
| V | | | P | 21° | WW | 4329 | 3000 | >80 | 28 |
| D | | | Q | 30° | NN | 4480 | 4000 | >80 | |
| | | | R | 36° | | | | | |
| | | | S | 40° | | | | | |
| | | | T | 69° | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . BA48 N . HQ . 10

LED IOS LL2 | LED IOS LL2 FOOD | LED IOS LL7 | LED IOS LL7 FOOD | 1 HOUR

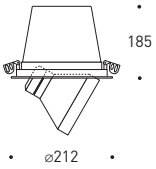
Accessories (pg. 233).
Photometric data (pg. 000).

REGGIANI

## Round, adjustable recessed luminaire with remote driver for metal halide lamps

10 28






IP20 IP20 | 850° | 90° | 356° | g 1908 | ø 195

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** HF control gear | | | |
| Ø.**197Ø6**.ØØ | | 7° | 10 |
| Ø.**197Ø8**.ØØ | | 11° | 28 |
| Ø.**19713**.ØØ | | 14° | |
| Ø.**1971Ø**.ØØ | | 25° | |
| Ø.**19712**.ØØ | | Mira | |
| **35 W** HF control gear | | | |
| Ø.**19716**.ØØ | | 7° | 10 |
| Ø.**19718**.ØØ | | 11° | 28 |
| Ø.**19724**.ØØ | | 14° | |
| Ø.**1972Ø**.ØØ | | 25° | |
| Ø.**19722**.ØØ | | Mira | |
| **50 W** HF control gear | | | |
| Ø.**5ØØ29**.ØØ | | 7° | 10 |
| Ø.**5ØØ3Ø**.ØØ | | 11° | 28 |
| Ø.**5ØØ31**.ØØ | | 14° | |
| Ø.**5ØØ32**.ØØ | | 25° | |
| Ø.**5ØØ33**.ØØ | | Mira | |
| **70 W** HF control gear | | | |
| Ø.**19736**.ØØ | | 7° | 10 |
| Ø.**19738**.ØØ | | 11° | 28 |
| Ø.**19744**.ØØ | | 14° | |
| Ø.**1974Ø**.ØØ | | 25° | |
| Ø.**19742**.ØØ | | Mira | |
| **100 W** HF control gear | | | |
| Ø.**5ØØ34**.ØØ | | 7° | 10 |
| Ø.**5ØØ35**.ØØ | | 11° | 28 |
| Ø.**5ØØ36**.ØØ | | 14° | |
| Ø.**5ØØ37**.ØØ | | 24° | |
| Ø.**5ØØ38**.ØØ | | Mira | |

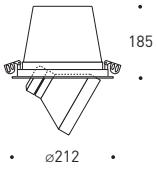
| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **150 W** HF control gear | | | |
| Ø.**19756**.ØØ | | 7° | 10 |
| Ø.**19758**.ØØ | | 11° | 28 |
| Ø.**19764**.ØØ | | 14° | |
| Ø.**1976Ø**.ØØ | | 24° | |
| Ø.**19762**.ØØ | | Mira | |
| **150 W** HPF control gear | | | |
| Ø.**19766**.EV | | 7° | 10 |
| Ø.**19768**.EV | | 11° | 28 |
| Ø.**19784**.EV | | 14° | |
| Ø.**1977Ø**.EV | | 24° | |
| Ø.**19772**.EV | | Mira | |
| possible configuration | | Ø.19706.ØØ 10 | |

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

Accessories (pg. 233).
Photometric data (pg. 770-771).

## Round recessed luminaire for low voltage halogen lamps with built-in reflector



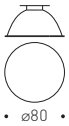
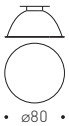
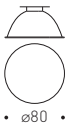
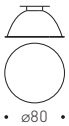



IP20 / IP20 | 850° | 90° | 356° | g 1519 | ø 195

| HALO | QR-111 G53 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| **65 W** - 12V | | | |
| Ø.19790.ØØ | | / | 10 |
| | | | 28 |
| possible configuration | | Ø.19790.ØØ 10 | |

Accessories (pg. 233).

## Accessories
LED

| VARIOS | | details | IOS LL2 | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 |  ø80 | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.**35Ø5Ø**.ØØ | 00 |
| | | | B | 15° | Ø.**35Ø49**.ØØ | |
| | | | C | 21° | Ø.**35Ø51**.ØØ | |
| | | | D | 29° | Ø.**35Ø52**.ØØ | |
| | | | E | 51° | Ø.**35Ø53**.ØØ | |
| | | | F | Mira* | Ø.**35Ø54**.ØØ | |
| | | | H | W. W. | Ø.**35Ø59**.ØØ | |
| LED IOS LL2 FOOD |  ø80 | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.**35Ø5Ø**.ØØ | 64 |
| | | | | 15° | Ø.**35Ø49**.ØØ | 65 |
| | | | | 21° | Ø.**35Ø51**.ØØ | 66 |
| | | | | 29° | Ø.**35Ø52**.ØØ | 67 |
| | | | | 51° | Ø.**35Ø53**.ØØ | |
| LED IOS LL7 |  ø80 | interchangeable optical system<br><br>shield finish:<br>**00** clear | N | 14° | Ø.**35169**.ØØ | 00 |
| | | | P | 21° | Ø.**3517Ø**.ØØ | |
| | | | Q | 30° | Ø.**35171**.ØØ | |
| | | | R | 36° | Ø.**35172**.ØØ | |
| | | | S | 40° | Ø.**35173**.ØØ | |
| | | | T | 69° | Ø.**35174**.ØØ | |
| LED IOS LL7 FOOD |  ø80 | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL7 | 14° | Ø.**35169**.ØØ | 64 |
| | | | | 21° | Ø.**3517Ø**.ØØ | 65 |
| | | | | 30° | Ø.**35171**.ØØ | 66 |
| | | | | 36° | Ø.**35172**.ØØ | 67 |
| | | | | 40° | Ø.**35173**.ØØ | |
| | | | | 69° | Ø.**35174**.ØØ | |
| 1 HOUR | | emergency pack for LED luminaires including Ni/Cd battery with 1h back-up<br><br>sizes in mm:<br>L.160 x P.55 x H.90 | | | Ø.**35Ø81**.ØØ | 00 |
| | | honeycomb anti-glare louvre | | | Ø.**2399Ø**.ØØ | 21 |
| | | hole cutter for cut-outs Ø195 mm | | | Ø.**11345**.ØØ | 00 |
| | | hole cutter handle<br><br>*the handle fits all hole cutters which are available in a range of diameters* | | | Ø.**1ØØ99**.ØØ | 00 |
| | | extension lead for LED luminaires three-metre, two-core cable complete with quick-fi t plug and socket | | | Ø.**351ØØ**.ØØ | 00 |
| | | spotlight support for luminaires with cut-out of Ø195 mm | | | Ø.**1ØØØ3**.ØØ | 10 |

* elliptical beam

possible configuration Ø.**35Ø5Ø**.ØØ 00

## Accessories
halogen lamps / metal halide lamps

| VARIOS | | details | IOS MH5 | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH5 |  ø130 | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH5* | 14°/16° | Ø.**1131Ø**.ØØ | 00 |
| | | | | 22° | Ø.**11311**.ØØ | |
| | | | | 28° | Ø.**11318**.ØØ | |
| | | | | 48°/50° | Ø.**11312**.ØØ | |
| | | | | Mira* | Ø.**11313**.ØØ | |
| MH IOS MH5 FOOD |  ø130 | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH5 | 14°/16° | Ø.**1131Ø**.ØØ | 64 |
| | | | | 22° | Ø.**11311**.ØØ | 65 |
| | | | | 28° | Ø.**11318**.ØØ | 66 |
| | | | | 48°/50° | Ø.**11312**.ØØ | 67 |
| MH IOS MH5<br>MH IOS MH5 UV/IR<br>MH IOS MH5 |  ø130 | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH5 | 14°/16° | Ø.**1131Ø**.ØØ | 59 |
| | | | | 22° | Ø.**11311**.ØØ | 79 |
| | | | | 28° | Ø.**11318**.ØØ | 74 |
| | | | | 48°/50° | Ø.**11312**.ØØ | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| | | hole cutter for cut-outs Ø195 mm | | | Ø.**11345**.ØØ | 00 |
| | | hole cutter handle<br><br>*the handle fits all hole cutters which are available in a range of diameters* | | | Ø.**1ØØ99**.ØØ | 00 |
| | | spotlight support for luminaires with cut-out of Ø195 mm | | | Ø.**1ØØØ3**.ØØ | 10 |

* elliptical beam

possible configuration Ø.**1131Ø**.ØØ 00





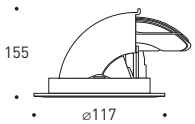
# BISIO

## adjustable recessed luminaire

design by: **Fabio Reggiani**

## Round, adjustable recessed luminaire with remote driver






IP20 IP20 | IOS | 850° | 90° | 358° | g 541 | ø 100

10 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | ▲ | | | | | |
| | Ø | Ø682 | 1 | 15° | HW | 803 | 2700 | >90 | 10 |
| | | | 2 | 30° | HQ | 873 | 3000 | >90 | 28 |
| | V | | 3 | 48° | WW | 1044 | 3000 | >80 | |
| | | | K | without optics | NN | 1166 | 4000 | >80 | |
| | D | | | | | | | | |
| | T | | | | | | | | |
| possible configuration | | | | | Ø · Ø682 · 1 · HQ · 10 | | | | |

LED IOS LL1 | LED IOS LL1 FOOD

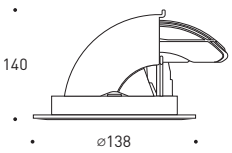
Accessories (pg. 242).
Photometric data (pg. 702).

REGGIANI

## Round, adjustable recessed luminaire with remote driver

10 28






IP20 IP20 | IOS | 850° | 90° | 358° | g 675 | ø 130

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | Ø683 | A | 11° | HW | 1148 | 2700 | >90 | 10 |
| V | | | B | 15° | HQ | 1221 | 3000 | >90 | 28 |
| D | | | C | 21° | WW | 1500 | 3000 | >80 | |
| T | | | D | 29° | NN | 1661 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | F | Mira α/β | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø · Ø683 · A · HQ · 10 | | | | | | |

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | Ø687 | A | 11° | HW | 2767 | 2700 | >90 | 10 |
| V | | | B | 15° | HQ | 2944 | 3000 | >90 | 28 |
| D | | | C | 21° | WW | 3617 | 3000 | >80 | |
| | | | D | 29° | NN | 3798 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | F | Mira α/β | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø · Ø687 · A · HQ · 10 | | | | | | |

**22 W** — **2500 lm**

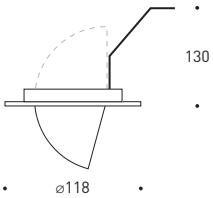
| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | Ø685 | A | 11° | HW | 1916 | 2700 | >90 | 10 |
| V | | | B | 15° | HQ | 2038 | 3000 | >90 | 28 |
| D | | | C | 21° | WW | 2650 | 3000 | >80 | |
| T | | | D | 29° | NN | 2759 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | F | Mira α/β | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø · Ø685 · A · HQ · 10 | | | | | | |

LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

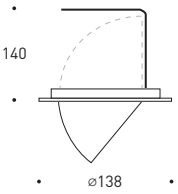
Accessories (pg. 242).
Photometric data (pg. 704-705 / 708-709 / 712-713).

## Round, adjustable recessed luminaire with remote driver for halogen lamps








IP20 IP23 | 850° | 90° | 358° | g 197 | ø 100

IP20 IP23 | IOS | 850° | 90° | 358° | g 560 | ø 130

| HALO | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 20 / 35 / 50 W | | | |
| Ø.1111**Ø**.ØØ | | / | 10<br>28 |
| possible configuration | | Ø.1111**Ø**.ØØ 10 | |

| HALO IOS | QT-12 GY6.35 | IOS HL2 optics | finish reference |
|---|---|---|---|
| 50 W / 12 V | | | |
| Ø.11158.ØØ | | 18° | 10<br>28 |
| Ø.11168.ØØ | | 24° | |
| Ø.11178.ØØ | | 30° | |
| 50 W / 24 V | | | |
| Ø.11158.ØØ | | 12° | 10<br>28 |
| Ø.11168.ØØ | | 34° | |
| Ø.11178.ØØ | | 40° | |
| possible configuration | | Ø.11158.ØØ 10 | |

Accessories (pg. 243).

HALO IOS HL2 | HALO IOS HL2 FOOD | HALO IOS HL2 UV/IR | HALO IOS HL2

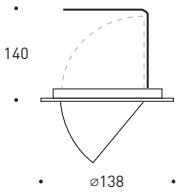
Accessories (pg. 243).
Photometric data (pg. 772).

REGGIANI

## Round, adjustable recessed luminaire with remote driver for metal halide lamps

10 28






IP20 IP43/23 | IOS | 850° | 90° | 358° | g 762 | ø 130

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.111Ø8.ØØ | | 14° | 10 |
| Ø.111Ø2.ØØ | | 34° | 28 |
| Ø.111Ø4.ØØ | | 56° | |
| **35 W** | | | |
| Ø.11130.ØØ | | 14° | 10 |
| Ø.11132.ØØ | | 34° | 28 |
| Ø.11134.ØØ | | 56° | |
| **50 W** | | | |
| Ø.50Ø11.ØØ | | 14° | 10 |
| Ø.50Ø12.ØØ | | 34° | 28 |
| Ø.50Ø13.ØØ | | 56° | |
| **70 W** | | | |
| Ø.11150.ØØ | | 14° | 10 |
| Ø.11152.ØØ | | 34° | 28 |
| Ø.11154.ØØ | | 58° | |
| possible configuration | | Ø.111Ø8.ØØ 10 | |

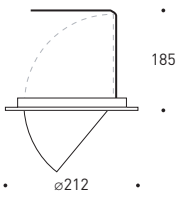
| MH IOS | CDM-T G12 | IOS MH3 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.11294.ØØ | | 12° | 10 |
| Ø.11295.ØØ | | 24° | 28 |
| Ø.11296.ØØ | | 74° | |
| **35 W** | | | |
| Ø.11170.ØØ | | 12° | 10 |
| Ø.11172.ØØ | | 24° | 28 |
| Ø.11174.ØØ | | 74° | |
| **50 W** | | | |
| Ø.50Ø14.ØØ | | 12° | 10 |
| Ø.50Ø15.ØØ | | 24° | 28 |
| Ø.50Ø16.ØØ | | 74° | |
| **70 W** | | | |
| Ø.11190.ØØ | | 12° | 10 |
| Ø.11192.ØØ | | 24° | 28 |
| Ø.11194.ØØ | | 78° | |
| possible configuration | | Ø.11294.ØØ 10 | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS HH2 UV/IR | MH IOS MH2

Accessories (pg. 243).
Photometric data (pg. 767).

## Round, adjustable recessed luminaire with remote driver for metal halide lamps






IP20 / IP23 | IOS | 850° | 90° | 358° | g 1654 | ø 195

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** HF control gear | | | |
| Ø.11360.ØØ | | 14° | 10 28 |
| Ø.11361.ØØ | | 22° | |
| Ø.11363.ØØ | | 28° | |
| Ø.11362.ØØ | | 50° | |
| **35 W** HF control gear | | | |
| Ø.11210.ØØ | | 14° | 10 28 |
| Ø.11212.ØØ | | 22° | |
| Ø.11216.ØØ | | 28° | |
| Ø.11214.ØØ | | 50° | |
| **50 W** HF control gear | | | |
| Ø.50017.ØØ | | 14° | 10 28 |
| Ø.50018.ØØ | | 22° | |
| Ø.50019.ØØ | | 28° | |
| Ø.50020.ØØ | | 50° | |
| possible configuration | | Ø.11360.ØØ 10 | |

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **70 W** HF control gear | | | |
| Ø.11230.ØØ | | 14° | 10 28 |
| Ø.11232.ØØ | | 22° | |
| Ø.11236.ØØ | | 28° | |
| Ø.11234.ØØ | | 50° | |
| possible configuration | | Ø.11230.ØØ 10 | |

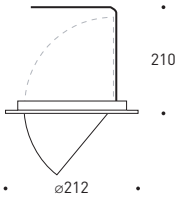
MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

Accessories (pg. 244).
Photometric data (pg. 770-771).

REGGIANI

## Round, adjustable recessed luminaire with remote driver for halogen lamps





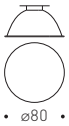
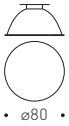

IP20 IP20 | 850° | 90° | 358° | g 1398 | ø 195

| HALO | QR-111 G53 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 65 W | | | |
| Ø.112Ø8.ØØ | | / | 10 |
| | | | 28 |
| possible configuration | | Ø.112Ø8.ØØ 10 | |

Accessories (pg. 244).

# Accessories
## LED

| BISIO | ø 100 | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL1 |  ø50 | interchangeable optical system<br><br>shield finish:<br>**00** clear | 1 | 15° | Ø.**35Ø05**.ØØ | 00 |
| | | | 2 | 30° | Ø.**35Ø06**.ØØ | |
| | | | 3 | 48° | Ø.**35Ø07**.ØØ | |
| LED IOS LL1 FOOD |  ø50 | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL1 | 15° | Ø.**35Ø05**.ØØ | 64 |
| | | | | 30° | Ø.**35Ø06**.ØØ | 65 |
| | | | | 48° | Ø.**35Ø07**.ØØ | 66 |
| | | | | | | 67 |
| | | hole cutter for cut-outs Ø100mm | | | Ø.**111ØØ**.ØØ | 00 |
| | | hole cutter handle<br><br>*the handle fits all hole cutters which are available in a range of diameters* | | | Ø.**1Ø099**.ØØ | 00 |
| | | extension lead for LED LUCE luminaires<br><br>three-metre, two-core cable complete with quick-fit plug and socket | | | Ø.**351ØØ**.ØØ | 00 |
| | | spotlight support for luminaires with cut-out of Ø100 mm trimless | | | Ø.**1ØØØØ**.ØØ | 10 |
| | | possible configuration | | | Ø.35ØØ5.ØØ | 00 |

| BISIO | ø 130 | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 |  ø80 | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.**35Ø5Ø**.ØØ | 00 |
| | | | B | 15° | Ø.**35Ø49**.ØØ | |
| | | | C | 21° | Ø.**35Ø51**.ØØ | |
| | | | D | 29° | Ø.**35Ø52**.ØØ | |
| | | | E | 51° | Ø.**35Ø53**.ØØ | |
| | | | F | Mira* | Ø.**35Ø54**.ØØ | |
| | | | H | W. W. | Ø.**35Ø59**.ØØ | |
| LED IOS LL2 FOOD |  ø80 | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.**35Ø5Ø**.ØØ | 64 |
| | | | | 15° | Ø.**35Ø49**.ØØ | 65 |
| | | | | 21° | Ø.**35Ø51**.ØØ | 66 |
| | | | | 29° | Ø.**35Ø52**.ØØ | 67 |
| | | | | 51° | Ø.**35Ø53**.ØØ | |
| | 1 HOUR | emergency pack for LED LUCE luminaires including Ni/Cd battery with 1h back-up<br><br>sizes in mm:<br>L.160 x P.55 x H.90 | | | Ø.**35Ø81**.ØØ | 00 |
| | | hole cutter for cut-outs Ø130 mm | | | Ø.**11330**.ØØ | 00 |
| | | hole cutter handle<br><br>*the handle fits all hole cutters which are available in a range of diameters* | | | Ø.**1Ø099**.ØØ | 00 |
| | | extension lead for LED LUCE luminaires<br><br>threemetre, two-core cable complete with quick-fit plug and socket | | | Ø.**351ØØ**.ØØ | 00 |
| | | spotlight support for luminaires with cut-out of Ø130 mm trimless | | | Ø.**1ØØ01**.ØØ | 10 |

* elliptical beam

possible configuration: Ø.35Ø5Ø.ØØ 00

## Accessories
halogen lamps

| BISIO | ø 100 | details | reference | finish reference |
|---|---|---|---|---|
| | | dichroic filters<br><br>shield finish:<br>**74** blue<br>**75** green<br>**76** yellow<br>**77** red | Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ | 74<br>75<br>76<br>77 |
| | | hole cutter<br>for cut-outs<br>Ø100 mm | Ø.**11100**.ØØ | 00 |
| | | hole cutter handle<br><br>*the handle fits all hole cutters which are available in a range of diameters* | Ø.**1ØØ99**.ØØ | 00 |
| | | spotlight support for luminaires with cut-out of Ø100 mm | Ø.**1ØØØØ**.ØØ | 10 |
| | | container<br>for concrete ceilings<br><br>sizes in mm:<br>Ø263 x H.151 | Ø.Ø**3863**.ØØ | 00 |

possible configuration: Ø.Ø**6937**.ØØ 74

## Accessories
halogen lamps / metal halide lamps

| BISIO | ø 130 | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16°<br>34°<br>56°/58°<br>Mira* | Ø.**113ØØ**.ØØ<br>Ø.**113Ø1**.ØØ<br>Ø.**113Ø2**.ØØ<br>Ø.**113Ø3**.ØØ | 00 |
| MH IOS MH2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16°<br>34°<br>56°/58°<br>56°/58° | Ø.**113ØØ**.ØØ<br>Ø.**113Ø1**.ØØ<br>Ø.**113Ø2**.ØØ | 64<br>65<br>66<br>67 |
| MH IOS MH2 UV/IR<br>MH IOS MH2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16°<br>34°<br>56°/58° | Ø.**113ØØ**.ØØ<br>Ø.**113Ø1**.ØØ<br>Ø.**113Ø2**.ØØ | 59<br>79<br>74<br>75<br>76<br>77 |
| HALO IOS HL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS HL2 | 18°<br>24°<br>30° | Ø.**113ØØ**.ØØ<br>Ø.**113Ø1**.ØØ<br>Ø.**113Ø2**.ØØ | 00 |
| HALO IOS HL2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS HL2 | 18°<br>24°<br>30° | Ø.**113ØØ**.ØØ<br>Ø.**113Ø1**.ØØ<br>Ø.**113Ø2**.ØØ | 64<br>65<br>66<br>67 |
| HALO IOS HL2 UV/IR<br>HALO IOS HL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS HL2 | 18°<br>24°<br>30° | Ø.**113ØØ**.ØØ<br>Ø.**113Ø1**.ØØ<br>Ø.**113Ø2**.ØØ | 59<br>79<br>74<br>75<br>76<br>77 |
| | | hole cutter<br>for cut-outs<br>Ø130 mm | | | Ø.**1133Ø**.ØØ | 00 |
| | | hole cutter handle<br><br>*the handle fits all hole cutters which are available in a range of diameters* | | | Ø.**1ØØ99**.ØØ | 00 |
| | | spotlight support for luminaires with cut-out of Ø130 mm trimless | | | Ø.**1ØØØ1**.ØØ | 10 |

* elliptical beam

possible configuration: Ø.**113ØØ**.ØØ 10

## Accessories
metal halide lamps / halogen lamps

| BISIO | ø 195 | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH5 |  ø130 | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH5 | 14° | Ø.**1131Ø**.ØØ | 00 |
| | | | | 22° | Ø.**11311**.ØØ | |
| | | | | 28° | Ø.**11318**.ØØ | |
| | | | | 50° | Ø.**11312**.ØØ | |
| | | | | Mira* | Ø.**11313**.ØØ | |
| MH IOS MH5 FOOD |  ø130 | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH5 | 14° | Ø.**1131Ø**.ØØ | 64 |
| | | | | 22° | Ø.**11311**.ØØ | 65 |
| | | | | 28° | Ø.**11318**.ØØ | 66 |
| | | | | 50° | Ø.**11312**.ØØ | 67 |
| MH IOS MH5 UV/IR<br>MH IOS MH5 |  ø130 | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH5 | 14° | Ø.**1131Ø**.ØØ | 59 |
| | | | | 22° | Ø.**11311**.ØØ | 79 |
| | | | | 28° | Ø.**11318**.ØØ | 74 |
| | | | | 50° | Ø.**11312**.ØØ | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| |  | hole cutter<br>for cut-outs<br>Ø195mm | | | Ø.**11345**.ØØ | 00 |
| |  | hole cutter handle<br><br>*The handle fits all hole cutters which are available in a range of diameters* | | | Ø.**1ØØ99**.ØØ | 00 |
| |  | spotlight support for luminaires with cut-out of Ø 195 mm trimless | | | Ø.**1ØØØ3**.ØØ | 10 |

* elliptical beam

| possible configuration | Ø.**1131Ø**.ØØ 00 |
|---|---|



Central Museum of the Risorgimento - Rome Italy





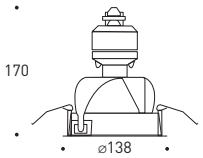
# UNIMOSA

adjustable recessed luminaire

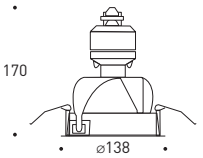
## Round, adjustable recessed luminaire with remote driver

10 21 28








IP20 IP43 | IOS | 850° | 20° | 360° | g 881 | ø 130

13 W — 1500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | ØF23 | A | 11° | HW | 1148 | 2700 | >90 | 10 |
| | | | B | 15° | HQ | 1221 | 3000 | >90 | 21 |
| | V | | C | 21° | WW | 1500 | 3000 | >80 | 28 |
| | | | D | 29° | NN | 1661 | 4000 | >80 | |
| | D | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | T | | K | without optics | | | | | |
| possible configuration | | | Ø . ØF23 A . HQ 10 | | | | | | |

22 W — 2500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | ØF25 | A | 11° | HW | 1916 | 2700 | >90 | 10 |
| | | | B | 15° | HQ | 2038 | 3000 | >90 | 21 |
| | V | | C | 21° | WW | 2650 | 3000 | >80 | 28 |
| | | | D | 29° | NN | 2759 | 4000 | >80 | |
| | D | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | T | | K | without optics | | | | | |
| possible configuration | | | Ø . ØF25 A . HQ 10 | | | | | | |

IP20 IP20 | IOS | 850° | 20° | 360° | g 952 | ø 130

| MH IOS | CDM-T G12 | OS MH4 optics | finish reference |
|---|---|---|---|
| 20 W | | | |
| | Ø.17750.ØØ | 12° | 10 |
| | Ø.17751.ØØ | 24° | 21 |
| | Ø.17752.ØØ | 74° | 28 |
| | Ø.17753.ØØ | Mira | |
| 35 W | | | |
| | Ø.17755.ØØ | 12° | 10 |
| | Ø.17756.ØØ | 22° | 21 |
| | Ø.17757.ØØ | 74° | 28 |
| | Ø.17758.ØØ | Mira | |
| 50 W | | | |
| | Ø.5Ø025.ØØ | 12° | 10 |
| | Ø.5Ø026.ØØ | 24° | 21 |
| | Ø.5Ø027.ØØ | 74° | 28 |
| | Ø.5Ø028.ØØ | Mira | |
| 70 W | | | |
| | Ø.17760.ØØ | 14° | 10 |
| | Ø.17761.ØØ | 24° | 21 |
| | Ø.17762.ØØ | 78° | 28 |
| | Ø.17763.ØØ | Mira | |
| possible configuration | | Ø.17750.ØØ 10 | |

LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

Accessories (pg. 249).
Photometric data (pg. 704-705 / 708-709).

MH IOS MH4 | MH IOS MH4 FOOD | MH IOS MH4 UV/IR | MH IOS MH4

Accessories (pg. 249).
Photometric data (pg. 769).

## Accessories
LED

| UNIMOSA | | details | IOS LL2 | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.**35Ø5Ø**.ØØ | 00 |
| | | | B | 15° | Ø.**35Ø49**.ØØ | |
| | | | C | 21° | Ø.**35Ø51**.ØØ | |
| | | | D | 29° | Ø.**35Ø52**.ØØ | |
| | | | E | 51° | Ø.**35Ø53**.ØØ | |
| | | | F | Mira* | Ø.**35Ø54**.ØØ | |
| | | | H | W. W. | Ø.**35Ø59**.ØØ | |
| LED IOS LL2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.**35Ø5Ø**.ØØ | 64 |
| | | | | 15° | Ø.**35Ø49**.ØØ | 65 |
| | | | | 21° | Ø.**35Ø51**.ØØ | 66 |
| | | | | 29° | Ø.**35Ø52**.ØØ | 67 |
| | | | | 51° | Ø.**35Ø53**.ØØ | |
| 1 HOUR | | emergency pack for LED luminaires including Ni/Cd battery with 1h back-up<br><br>sizes in mm:<br>L.160 x P.55 x H.90 | | | Ø.**35Ø81**.ØØ | 00 |
| | | hole cutter for cut-outs Ø130 mm | | | Ø.**1133Ø**.ØØ | 00 |
| | | hole cutter handle<br><br>*the handle fits all hole cutters which are available in a range of diameters* | | | Ø.**1ØØ99**.ØØ | 00 |
| | | extension lead for LED luminaires<br><br>three-metre, two-core cable complete with quick-fi t plug and socket | | | Ø.**351ØØ**.ØØ | 00 |

* elliptical beam

possible configuration Ø.35Ø5Ø.ØØ 00

## Accessories
metal halide lamps

| UNIMOSA | | details | IOS MH4 | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH4 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH4 | 12°/14° | Ø.**113Ø5**.ØØ | 00 |
| | | | | 22°/24° | Ø.**113Ø6**.ØØ | |
| | | | | 74°/78° | Ø.**113Ø7**.ØØ | |
| | | | | Mira* | Ø.**113Ø8**.ØØ | |
| MH IOS MH4 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH4 | 12°/14° | Ø.**113Ø5**.ØØ | 64 |
| | | | | 22°/24° | Ø.**113Ø6**.ØØ | 65 |
| | | | | 74°/78° | Ø.**113Ø7**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH4<br>MH IOS MH4 UV/IR<br>MH IOS MH4 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH4 | 12°/14° | Ø.**113Ø5**.ØØ | 59 |
| | | | | 22°/24° | Ø.**113Ø6**.ØØ | 79 |
| | | | | 74°/78° | Ø.**113Ø7**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| | | hole cutter for cut-outs Ø130 mm | | | Ø.**1133Ø**.ØØ | 00 |
| | | hole cutter handle<br><br>*the handle fits all hole cutters which are available in a range of diameters* | | | Ø.**1ØØ99**.ØØ | 00 |

* elliptical beam

possible configuration Ø.113Ø5.ØØ 00





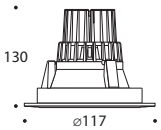
# UNISIO

## fixed recessed luminaire

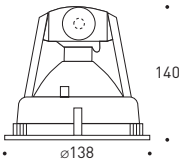
design by: **Fabio Reggiani**

## Round, fixed recessed luminaire with remote driver








IP20 IP20 | IOS | 850° | g 330 | ø 100

10 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | | | | |
| Ø | | B882 | 1 | 15° | HW | 803 | 2700 | >90 | 10 |
| V | | | 2 | 30° | HQ | 873 | 3000 | >90 | 28 |
| D | | | 3 | 48° | WW | 1044 | 3000 | >80 | |
| T | | | K | without optics | NN | 1166 | 4000 | >80 | |
| possible configuration | | | Ø . B882 1 . HQ 10 | | | | | | |

IP20 IP43 | IOS | 850° | g 722 | ø 130

13 W — 1500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | B883 | A | 11° | HW | 1148 | 2700 | >90 | 10 |
| V | | | B | 15° | HQ | 1221 | 3000 | >90 | 28 |
| D | | | C | 21° | WW | 1500 | 3000 | >80 | |
| T | | | D | 29° | NN | 1661 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . B883 A . HQ 10 | | | | | | |

22 W — 2500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | B885 | A | 11° | HW | 1916 | 2700 | >90 | 10 |
| V | | | B | 15° | HQ | 2038 | 3000 | >90 | 28 |
| D | | | C | 21° | WW | 2650 | 3000 | >80 | |
| | | | D | 29° | NN | 2759 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . B885 A . HQ 10 | | | | | | |

LED IOS LL1 | LED IOS LL1 FOOD

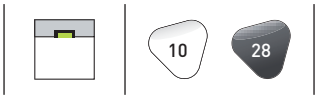
Accessories (pg. 258).
Photometric data (pg. 702).

LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

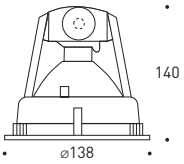
Accessories (pg. 258).
Photometric data (pg. 704-705 / 708-709).

REGGIANI

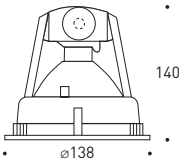
## Round, fixed recessed luminaire with remote driver








IP20 IP43 | IOS | 850° | g 818 | ø 130

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | lumen reference | finish reference |
|---|---|---|---|---|---|
| | | | IOS LL2 | nom. lm / K / CRI | |
| Ø | | B887 | A 11° | HW 2767 2700 >90 | 10 |
| V | | | B 15° | HQ 2944 3000 >90 | 28 |
| D | | | C 21° | WW 3617 3000 >80 | |
| | | | D 29° | NN 3798 4000 >80 | |
| | | | E 51° | | |
| | | | F Mira | | |
| | | | K without optics | | |
| possible configuration | | | | Ø . B887 A . HQ 10 | |

IP20 IP44 | IOS | 850° | g 792 | ø 130

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | lumen reference | finish reference |
|---|---|---|---|---|---|
| | | | IOS LL2 | nom. lm / K / CRI | |
| Ø | | C883 | A 11° | HW 1148 2700 >90 | 10 |
| V | | | B 15° | HQ 1221 3000 >90 | 28 |
| D | | | C 21° | WW 1500 3000 >80 | |
| T | | | D 29° | NN 1661 4000 >80 | |
| | | | E 51° | | |
| | | | F Mira | | |
| | | | K without optics | | |
| possible configuration | | | | Ø . C883 A . HQ 10 | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | lumen reference | finish reference |
|---|---|---|---|---|---|
| | | | IOS LL2 | nom. lm / K / CRI | |
| Ø | | C885 | A 11° | HW 1916 2700 >90 | 10 |
| V | | | B 15° | HQ 2038 3000 >90 | 28 |
| D | | | C 21° | WW 2650 3000 >80 | |
| | | | D 29° | NN 2759 4000 >80 | |
| | | | E 51° | | |
| | | | F Mira | | |
| | | | K without optics | | |
| possible configuration | | | | Ø . C885 A . HQ 10 | |

LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

Accessories (pg. 258).
Photometric data (pg. 712-713).

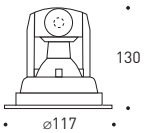
LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

Accessories (pg. 258).
Photometric data (pg. 704-705 / 708-709).

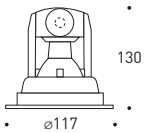
## Round, fixed recessed luminaire with remote driver for halogen lamps with built-in reflector

10 28








IP20 IP23 | 850° | g 1762 | ø 100

IP20 IP23 | 850° | g 1762 | ø 100

| HALO | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 20 / 35 / 50 W | | | |
| Ø.133Ø2.ØØ | | / | 10 |
| | | | 28 |
| possible configuration | | Ø.133Ø2.ØØ 10 | |

| HALO | HI-SPOT GZ10 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 50 W | | | |
| Ø.133ØØ.ØØ | | / | 10 |
| | | | 28 |
| possible configuration | | Ø.133ØØ.ØØ 10 | |

Accessories (pg. 260).

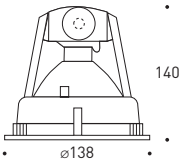
Accessories (pg. 260).

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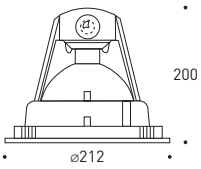
## Round, fixed recessed luminaire with remote driver for metal halide lamps

10 28








IP20 IP23 | IOS | 850° | g 1762 | ø 130

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.13332.ØØ | | 14° | 10 28 |
| Ø.13334.ØØ | | 34° | |
| Ø.13336.ØØ | | 56° | |
| **35 W** | | | |
| Ø.13344.ØØ | | 14° | 10 28 |
| Ø.13346.ØØ | | 34° | |
| Ø.13348.ØØ | | 56° | |
| **50 W** | | | |
| Ø.5ØØØØ.ØØ | | 14° | 10 28 |
| Ø.5ØØØ1.ØØ | | 34° | |
| Ø.5ØØØ2.ØØ | | 56° | |
| **70 W** | | | |
| Ø.13350.ØØ | | 14° | 10 28 |
| Ø.13352.ØØ | | 34° | |
| Ø.13354.ØØ | | 58° | |
| possible configuration | | Ø.13332.ØØ 10 | |

IP20 IP23 | IOS | 850° | g 1762 | ø 195

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** HF control gear | | | |
| Ø.13569.ØØ | | 14° | 10 28 |
| Ø.13571.ØØ | | 22° | |
| Ø.13575.ØØ | | 28° | |
| Ø.13573.ØØ | | 50° | |
| **35 W** HF control gear | | | |
| Ø.13448.ØØ | | 14° | 10 28 |
| Ø.13450.ØØ | | 22° | |
| Ø.13419.ØØ | | 28° | |
| Ø.13452.ØØ | | 50° | |
| **50 W** HF control gear | | | |
| Ø.5ØØØ3.ØØ | | 14° | 10 28 |
| Ø.5ØØØ4.ØØ | | 22° | |
| Ø.5ØØØ5.ØØ | | 28° | |
| Ø.5ØØØ6.ØØ | | 50° | |
| **70 W** HF control gear | | | |
| Ø.13460.ØØ | | 14° | 10 28 |
| Ø.13462.ØØ | | 22° | |
| Ø.13478.ØØ | | 28° | |
| Ø.13464.ØØ | | 50° | |
| **100 W** HF control gear | | | |
| Ø.5ØØØ7.ØØ | | 14° | 10 28 |
| Ø.5ØØØ8.ØØ | | 22° | |
| Ø.5ØØØ9.ØØ | | 28° | |
| Ø.5ØØ1Ø.ØØ | | 48° | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

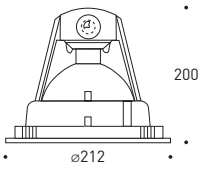
Accessories (pg. 261).
Photometric data (pg. 767).

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

Accessories (pg. 261).
Photometric data (pg. 770-771).

## Round, fixed recessed luminaire with remote driver for metal halide lamps






IP20 / IP23 | IOS | 850° | g 1762 | ø 195

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **150 W** HF control gear | | | |
| Ø.**13472.**ØØ | | 14° | 10 |
| Ø.**13474.**ØØ | | 22° | 28 |
| Ø.**13529.**ØØ | | 28° | |
| Ø.**13476.**ØØ | | 48° | |
| **150 W** HPF control gear | | | |
| Ø.**13466.**EV | | 14° | 10 |
| Ø.**13468.**EV | | 22° | 28 |
| Ø.**13527.**EV | | 28° | |
| Ø.**1347Ø.**EV | | 48° | |
| possible configuration | | Ø.13472.ØØ 10 | |

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

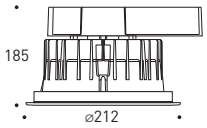
Accessories (pg. 261).
Photometric data (pg. 770-771).

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## Round, fixed recessed luminaire with remote driver

10 28






IP20 IP20 | IOS | 850° | g 1762 | ø 195

4x13 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL3 | | | | | | |
| | Ø | B88T | 0 | 20° | HQ | 3440 | 3000 | >90 | 10 |
| | | | | | WW | 3980 | 3000 | >80 | 28 |
| | V | | | | NN | 6640 | 4000 | >80 | |
| possible configuration | | | | | Ø · B88T 0 · HQ 10 | | | | |

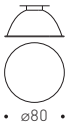
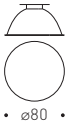
1 HOUR

Accessories (pg. 259).

## Accessories
LED

| UNISIO | ø 100 | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL1 |  ø50 | interchangeable optical system<br><br>shield finish:<br>**00** clear | 1 | 15° | Ø.**35Ø05**.ØØ | 00 |
| | | | 2 | 30° | Ø.**35Ø06**.ØØ | |
| | | | 3 | 48° | Ø.**35Ø07**.ØØ | |
| LED IOS LL1 FOOD |  ø50 | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL1 | 15° | Ø.**35Ø05**.ØØ | 64 |
| | | | | 30° | Ø.**35Ø06**.ØØ | 65 |
| | | | | 48° | Ø.**35Ø07**.ØØ | 66 |
| | | | | | | 67 |
| |  | hole cutter for cut-outs Ø100 mm | | | Ø.**111ØØ**.ØØ | 00 |
| |  | hole cutter handle<br><br>*the handle fits all hole cutters which are available in a range of diameters* | | | Ø.**1ØØ99**.ØØ | 00 |
| |  | extension lead for LED luminaires<br><br>three-metre, two-core cable complete with quick-fit plug and socket | | | Ø.**351ØØ**.ØØ | 00 |
| |  | spotlight support for luminaires with cut-out of Ø100 mm trimless | | | Ø.**1ØØØØ**.ØØ | 10 |
| possible configuration | | | | | Ø.12345.ØØ | 00 |

## Accessories
LED

| UNISIO | ø 130 | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 |  ø80 | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.**35Ø50**.ØØ | 00 |
| | | | B | 15° | Ø.**35Ø49**.ØØ | |
| | | | C | 21° | Ø.**35Ø51**.ØØ | |
| | | | D | 29° | Ø.**35Ø52**.ØØ | |
| | | | E | 51° | Ø.**35Ø53**.ØØ | |
| | | | F | Mira* | Ø.**35Ø54**.ØØ | |
| | | | H | W. W. | Ø.**35Ø59**.ØØ | |
| LED IOS LL2 FOOD |  ø80 | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.**35Ø50**.ØØ | 64 |
| | | | | 15° | Ø.**35Ø49**.ØØ | 65 |
| | | | | 21° | Ø.**35Ø51**.ØØ | 66 |
| | | | | 29° | Ø.**35Ø52**.ØØ | 67 |
| | | | | 51° | Ø.**35Ø53**.ØØ | |
| |  1 HOUR | emergency pack for LED luminaires including Ni/Cd battery with 1h back-up<br><br>sizes in mm:<br>L.160 x P.55 x H.90 | | | Ø.**35Ø81**.ØØ | 00 |
| |  | hole cutter for cut-outs Ø130 mm | | | Ø.**11330**.ØØ | 00 |
| |  | hole cutter handle<br><br>*the handle fits all hole cutters which are available in a range of diameters* | | | Ø.**1ØØ99**.ØØ | 00 |
| |  | extension lead for LED luminaires<br><br>three-metre, two-core cable complete with quick-fit plug and socket | | | Ø.**351ØØ**.ØØ | 00 |
| |  | spotlight support for luminaires with cut-out of Ø130 mm trimless | | | Ø.**1ØØØ1**.ØØ | 10 |

* elliptical beam

| possible configuration | Ø.12345.ØØ 00 |
|---|---|

# Accessories
## LED

| **UNISIO** | ø 195 | details | IOS | reference | finish reference |
|---|---|---|---|---|---|
|  | | emergency pack<br>for LED<br>luminaires including<br>Ni/Cd battery<br>with 1h back-up<br><br>sizes in mm:<br>L.160 x P.55 x H.90 | | Ø.**35Ø81**.ØØ | 00 |
|  | | hole cutter<br>for cut-outs<br>Ø195 mm | | Ø.**11345**.ØØ | 00 |
|  | | hole cutter handle<br><br>*the handle fits all*<br>*hole cutters*<br>*which are available in*<br>*a range of*<br>*diameters* | | Ø.**1ØØ99**.ØØ | 00 |
|  | | extension lead for<br>LED luminaires<br><br>three-metre,<br>two-core<br>cable complete with<br>quick-fit plug and<br>socket | | Ø.**351ØØ**.ØØ | 00 |
|  | | spotlight support for<br>luminaires with<br>cut-out of Ø195 mm<br>trimless | | Ø.**1ØØØ3**.ØØ | 10 |
| | | possible configuration | | Ø.35Ø81.ØØ | 00 |

## Accessories
halogen lamps

| **UNISIO** | ø 100 | details | reference | finish reference |
|---|---|---|---|---|
|  | | hole cutter<br>for cut-outs<br>Ø100 mm | Ø.**111ØØ**.ØØ | 00 |
|  | | hole cutter handle<br><br>*the handle fits all hole cutters which are available in a range of diameters* | Ø.**1ØØ99**.ØØ | 00 |
|  | | spotlight support for luminaires with cut-out of Ø100 mm trimless | Ø.**1ØØØØ**.ØØ | 10 |
| | | possible configuration | Ø.111ØØ.ØØ | 00 |

## Accessories
metal halide lamps

| UNISIO | ø 130 | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 |  ø80 | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 00 |
| | | | | 34° | Ø.**113Ø1**.ØØ | |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | |
| | | | | Mira* | Ø.**113Ø3**.ØØ | |
| MH IOS MH2 FOOD |  ø80 | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 64 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 65 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 66 |
| | | | | Mira* | Ø.**113Ø3**.ØØ | 67 |
| MH IOS MH2 UV/IR<br>MH IOS MH2 |  ø80 | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 59 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 79 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 74 |
| | | | | Mira* | Ø.**113Ø3**.ØØ | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| | | hole cutter for cut-outs Ø130 mm | | | Ø.**1133Ø**.ØØ | 00 |
| | | hole cutter handle<br><br>*the handle fits all hole cutters which are available in a range of diameters* | | | Ø.**1ØØ99**.ØØ | 00 |
| | | spotlight support for luminaires with cut-out of Ø130 mm trimless | | | Ø.**1ØØØ1**.ØØ | 10 |

* elliptical beam

possible configuration Ø.113ØØ.ØØ 10

## Accessories
metal halide lamps

| UNISIO | ø 195 | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH5 |  ø130 | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH5 | 14° | Ø.**1131Ø**.ØØ | 00 |
| | | | | 22° | Ø.**11311**.ØØ | |
| | | | | 28° | Ø.**11318**.ØØ | |
| | | | | 48°/50° | Ø.**11312**.ØØ | |
| | | | | Mira* | Ø.**11313**.ØØ | |
| MH IOS MH5 FOOD |  ø130 | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH5 | 14° | Ø.**1131Ø**.ØØ | 64 |
| | | | | 22° | Ø.**11311**.ØØ | 65 |
| | | | | 28° | Ø.**11318**.ØØ | 66 |
| | | | | 48°/50° | Ø.**11312**.ØØ | 67 |
| | | | | Mira* | Ø.**11313**.ØØ | |
| MH IOS MH5 UV/IR<br>MH IOS MH5 |  ø130 | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH5 | 14° | Ø.**1131Ø**.ØØ | 59 |
| | | | | 22° | Ø.**11311**.ØØ | 79 |
| | | | | 28° | Ø.**11318**.ØØ | 74 |
| | | | | 48°/50° | Ø.**11312**.ØØ | 75 |
| | | | | Mira* | Ø.**11313**.ØØ | 76 |
| | | | | | | 77 |
| | | hole cutter for cut-outs Ø195 mm | | | Ø.**11345**.ØØ | 00 |
| | | hole cutter handle<br><br>*the handle fits all hole cutters which are available in a range of diameters* | | | Ø.**1ØØ99**.ØØ | 00 |
| | | spotlight support for luminaires with cut-out of Ø195 mm trimless | | | Ø.**1ØØØ3**.ØØ | 10 |

* elliptical beam

possible configuration Ø.1131Ø.ØØ 00





# SOMBRA

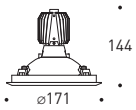
## adjustable recessed luminaire

design by: **Fabio Reggiani**

## Round, adjustable recessed luminaire with remote driver

12 28






IP20 IP43 | IOS | 850° | 45° | 358° | g 700 | ø 155

10 W

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | ▲ | | nom. lm | K | CRI | |
| | Ø | Ø662 | 1 | 15° | HQ | 873 | 3000 | >90 | 12 |
| | V | | 2 | 30° | WW | 1044 | 3000 | >80 | 28 |
| | D | | 3 | 48° | NN | 1166 | 4000 | >80 | |
| | T | | K | without optics | | | | | |
| possible configuration | | | Ø · Ø662 · 1 · HQ · 10 | | | | | | |

1000 lm

LED IOS LL1 | LED IOS LL1 FOOD

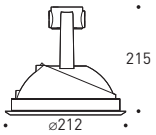
Accessories (pg. 269).
Photometric data (pg. 702).

REGGIANI

## Round, adjustable recessed luminaire with remote driver

10 28






IP20 IP40 | IOS | 850° | 45° | 356° | g 948 | ø 195

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | Ø663 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| V | | | B | 15° | WW | 1500 | 3000 | >80 | 28 |
| D | | | C | 21° | NN | 1661 | 4000 | >80 | |
| T | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø · Ø663 · A · HQ · 10

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | Ø667 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| V | | | B | 15° | WW | 3617 | 3000 | >80 | 28 |
| D | | | C | 21° | NN | 3798 | 4000 | >80 | |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø · Ø667 · A · HQ · 10

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | Ø665 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| V | | | B | 15° | WW | 2650 | 3000 | >80 | 28 |
| D | | | C | 21° | NN | 2759 | 4000 | >80 | |
| T | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø · Ø665 · A · HQ · 10

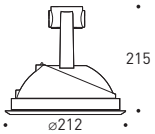
LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

Accessories (pg. 269).
Photometric data (pg. 704-705 / 708-709 / 712-713).

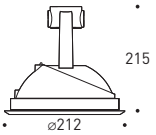
## Round, adjustable recessed luminaire with remote driver for metal halide lamps

10 28








IP20 IP40 | IOS | 850° | 45° | 356° | g 1334 | ø 195

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.**1Ø6Ø2**.ØØ | | 14° | 10 |
| Ø.**1Ø6Ø4**.ØØ | | 34° | 28 |
| Ø.**1Ø6Ø6**.ØØ | | 56° | |
| Ø.**1Ø6Ø8**.ØØ | | Mira | |
| **35 W** | | | |
| Ø.**1Ø61Ø**.ØØ | | 14° | 10 |
| Ø.**1Ø612**.ØØ | | 34° | 28 |
| Ø.**1Ø614**.ØØ | | 56° | |
| Ø.**1Ø616**.ØØ | | Mira | |
| **50 W** | | | |
| Ø.**5Ø046**.ØØ | | 14° | 10 |
| Ø.**5Ø047**.ØØ | | 34° | 28 |
| Ø.**5Ø048**.ØØ | | 56° | |
| Ø.**5Ø049**.ØØ | | Mira | |
| **70 W** | | | |
| Ø.**1Ø618**.ØØ | | 16° | 10 |
| Ø.**1Ø62Ø**.ØØ | | 34° | 28 |
| Ø.**1Ø622**.ØØ | | 58° | |
| Ø.**1Ø624**.ØØ | | Mira | |
| possible configuration | | Ø.**1Ø6Ø2**.ØØ 10 | |

IP20 IP40 | IOS | 850° | 45° | 356° | g 789 | ø 195

| HALO IOS | QT-12 GY6.5 | IOS HL2 optics | finish reference |
|---|---|---|---|
| **50 W / 12 V** | | | |
| Ø.**1Ø654**.ØØ | | 18° | 10 |
| Ø.**1Ø656**.ØØ | | 24° | 28 |
| Ø.**1Ø658**.ØØ | | 30° | |
| possible configuration | | Ø.**1Ø654**.ØØ 10 | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

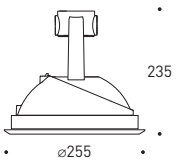
Accessories (pg. 270).
Photometric data (pg. 767).

HALO IOS HL2 | HALO IOS HL2 FOOD | HALO IOS HL2 UV/IR | HALO IOS HL2

Accessories (pg. 270).
Photometric data (pg. 772).

## Round, adjustable recessed luminaire with remote driver for metal halide lamps






IP20 / IP43 | IOS | 850° | 45° | 356° | g 1438 | ø 235

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** | HF control gear | | |
| Ø.**1Ø540**.ØØ | | 14° | 10 |
| Ø.**1Ø542**.ØØ | | 22° | 28 |
| Ø.**1Ø546**.ØØ | | 28° | |
| Ø.**1Ø544**.ØØ | | 50° | |
| **35 W** | HF control gear | | |
| Ø.**1Ø256**.ØØ | | 14° | 10 |
| Ø.**1Ø258**.ØØ | | 22° | 28 |
| Ø.**1Ø210**.ØØ | | 28° | |
| Ø.**1Ø260**.ØØ | | 50° | |
| **50 W** | HF control gear | | |
| Ø.**5Ø05Ø**.ØØ | | 14° | 10 |
| Ø.**5Ø051**.ØØ | | 22° | 28 |
| Ø.**5Ø052**.ØØ | | 28° | |
| Ø.**5Ø053**.ØØ | | 50° | |
| **70 W** | HF control gear | | |
| Ø.**1Ø268**.ØØ | | 14° | 10 |
| Ø.**1Ø270**.ØØ | | 22° | 28 |
| Ø.**1Ø214**.ØØ | | 28° | |
| Ø.**1Ø272**.ØØ | | 50° | |
| **100 W** | HF control gear | | |
| Ø.**5Ø054**.ØØ | | 14° | 10 |
| Ø.**5Ø055**.ØØ | | 22° | 28 |
| Ø.**5Ø056**.ØØ | | 28° | |
| Ø.**5Ø057**.ØØ | | 48° | |

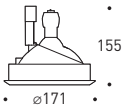
| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **150 W** | HF control gear | | |
| Ø.**1Ø280**.ØØ | | 14° | 10 |
| Ø.**1Ø282**.ØØ | | 22° | 28 |
| Ø.**1Ø218**.ØØ | | 28° | |
| Ø.**1Ø284**.ØØ | | 48° | |
| **150 W** | HPF control gear | | |
| Ø.**1Ø274**.EV | | 14° | 10 |
| Ø.**1Ø276**.EV | | 22° | 28 |
| Ø.**1Ø216**.EV | | 28° | |
| Ø.**1Ø278**.EV | | 48° | |
| possible configuration | | Ø.**1Ø540**.ØØ 10 | |

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

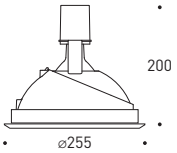
Accessories (pg. 270).
Photometric data (pg. 770-771).

## Recessed luminaire for halogen lamps with built-in reflector








IP20 IP43 | 850° | 90° | 356° | g 529 | ø 155

| HALO | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 20 / 35 / 50 W - 12V | | | |
| Ø.1Ø116.ØØ | | / | 10<br>28 |
| possible configuration | | Ø.1Ø116.ØØ 10 | |

| HALO | HI-SPOT GZ10 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| € 000,00 | 50 W | | |
| | Ø.1Ø118.ØØ | / | 10<br>28 |
| possible configuration | | Ø.1Ø118.ØØ 10 | |

IP20 IP20 | 850° | 90° | 356° | g 1162 | ø 235

| HALO | QR-111 G53 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 65 W - 12V | | | |
| Ø.1Ø3Ø2.ØØ | | / | 10<br>28 |
| possible configuration | | Ø.1Ø3Ø2.ØØ 10 | |

Accessories (pg. 271).

Accessories (pg. 271).

# Accessories
## LED

| SOMBRA | ø 155 | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL1 | • ø50 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | 1 | 15° | Ø.35Ø05.ØØ | 00 |
| | | | 2 | 30° | Ø.35Ø06.ØØ | |
| | | | 3 | 48° | Ø.35Ø07.ØØ | |
| LED IOS LL1 FOOD | • ø50 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL1 | 15° | Ø.35Ø05.ØØ | 64 |
| | | | | 30° | Ø.35Ø06.ØØ | 65 |
| | | | | 48° | Ø.35Ø07.ØØ | 66 |
| | | | | | | 67 |
| | | hole cutter for cut-outs Ø151 mm | | | Ø.1Ø151.ØØ | 00 |
| | | hole cutter handle<br><br>*the handle fits all hole cutters which are available in a range of diameters* | | | Ø.1ØØ99.ØØ | 00 |
| | | extension lead for LED luminaires<br><br>three-metre, two-core cable complete with quick-fit plug and socket | | | Ø.351ØØ.ØØ | 00 |
| | | spotlight support for luminaires with cut-out of Ø151 mm | | | Ø.1ØØØ2.ØØ | 10 |
| possible configuration | | | | | Ø.35Ø05.ØØ | 00 |

| SOMBRA | ø 195 | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.35Ø5Ø.ØØ | 00 |
| | | | B | 15° | Ø.35Ø49.ØØ | |
| | | | C | 21° | Ø.35Ø51.ØØ | |
| | | | D | 29° | Ø.35Ø52.ØØ | |
| | | | E | 51° | Ø.35Ø53.ØØ | |
| | | | F | Mira* | Ø.35Ø54.ØØ | |
| | | | H | W. W. | Ø.35Ø59.ØØ | |
| LED IOS LL2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.35Ø5Ø.ØØ | 64 |
| | | | | 15° | Ø.35Ø49.ØØ | 65 |
| | | | | 21° | Ø.35Ø51.ØØ | 66 |
| | | | | 29° | Ø.35Ø52.ØØ | 67 |
| | | | | 51° | Ø.35Ø53.ØØ | |
| | 1 HOUR | emergency pack for LED luminaires including Ni/Cd battery with 1h back-up<br><br>sizes in mm:<br>L.160 x P.55 x H.90 | | | Ø.35Ø81.ØØ | 00 |
| | | Hole cutter for cut-outs Ø195 mm | | | Ø.11345.ØØ | 00 |
| | | hole cutter handle<br><br>*the handle fits all hole cutters which are available in a range of diameters* | | | Ø.1ØØ99.ØØ | 00 |
| | | extension lead for LED luminaires<br><br>three-metre, two-core cable complete with quick-fi tplug and socket | | | Ø.351ØØ.ØØ | 00 |
| | | spotlight support for luminaires with cut-out of Ø195 mm | | | Ø.1ØØØ3.ØØ | 10 |

* elliptical beam

| possible configuration | Ø.35Ø5Ø.ØØ 00 |
|---|---|

## Accessories
metal halide lamps / halogen lamps

| SOMBRA | ø 195 | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16°<br>34°<br>56°/58°<br>Mira* | Ø.**113ØØ**.ØØ<br>Ø.**113Ø1**.ØØ<br>Ø.**113Ø2**.ØØ<br>Ø.**113Ø3**.ØØ | 00 |
| MH IOS MH2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16°<br>34°<br>56°/58°<br>Mira* | Ø.**113ØØ**.ØØ<br>Ø.**113Ø1**.ØØ<br>Ø.**113Ø2**.ØØ<br>Ø.**113Ø3**.ØØ | 64<br>65<br>66<br>67 |
| MH IOS MH2 UV/IR<br>MH IOS MH2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** anti UV - **79** IR<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16°<br>34°<br>56°/58°<br>Mira* | Ø.**113ØØ**.ØØ<br>Ø.**113Ø1**.ØØ<br>Ø.**113Ø2**.ØØ<br>Ø.**113Ø3**.ØØ | 59<br>79<br>74<br>75<br>76<br>77 |
| HALO IOS HL2 |  • ø80 • | interchangeable optical system<br><br>shield finish::<br>**00** clear | IOS HL2 | 18°<br>24°<br>30°<br>Mira* | Ø.**113ØØ**.ØØ<br>Ø.**113Ø1**.ØØ<br>Ø.**113Ø2**.ØØ<br>Ø.**113Ø3**.ØØ | 00 |
| HALO IOS HL2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS HL2 | 18°<br>24°<br>30° | Ø.**113ØØ**.ØØ<br>Ø.**113Ø1**.ØØ<br>Ø.**113Ø2**.ØØ | 64<br>65<br>66<br>67 |
| HALO IOS HL2 UV/IR<br>HALO IOS HL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** anti UV - **79** IR<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS HL2 | 18°<br>24°<br>30° | Ø.**113ØØ**.ØØ<br>Ø.**113Ø1**.ØØ<br>Ø.**113Ø2**.ØØ | 59<br>79<br>74<br>75<br>76<br>77 |
| | | hole cutter for cut-outs Ø195 mm | | | Ø.**11345**.ØØ | 00 |
| | | hole cutter handle<br><br>*the handle fits all hole cutters which are available in a range of diameters* | | | Ø.**1ØØ99**.ØØ | 00 |
| | | spotlight support for luminaires with cut-out of Ø195 mm | | | Ø.**1ØØØ3**.ØØ | 10 |

* elliptical beam

possible configuration Ø.**113ØØ**.ØØ 10

## Accessories
metal halide lamps / halogen lamps

| SOMBRA | ø 235 | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH5 |  Ø130 | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH5 | 14°/16°<br>22°<br>28°<br>48°/50°<br>Mira* | Ø.**11310**.ØØ<br>Ø.**11311**.ØØ<br>Ø.**11318**.ØØ<br>Ø.**11312**.ØØ<br>Ø.**11313**.ØØ | 00 |
| MH IOS MH5 FOOD |  Ø130 | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH5 | 14°/16°<br>22°<br>28°<br>48°/50° | Ø.**11310**.ØØ<br>Ø.**11311**.ØØ<br>Ø.**11318**.ØØ<br>Ø.**11312**.ØØ | 64<br>65<br>66<br>67 |
| MH IOS MH5 UV/IR<br>MH IOS MH5 |  Ø130 | interchangeable optical system<br><br>shield finish:<br>**59** anti UV - **79** IR<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH5 | 14°/16°<br>22°<br>28°<br>48°/50° | Ø.**11310**.ØØ<br>Ø.**11311**.ØØ<br>Ø.**11318**.ØØ<br>Ø.**11312**.ØØ | 59<br>79<br>74<br>75<br>76<br>77 |
| | | hole cutter for cut-outs Ø235 mm | | | Ø.**1Ø235**.ØØ | 00 |
| | | hole cutter handle<br><br>*the handle fits all hole cutters which are available in a range of diameters* | | | Ø.**1ØØ99**.ØØ | 00 |
| | | spotlight support for luminaires with cut-out of Ø235 mm | | | Ø.**1ØØØ4**.ØØ | 10 |

* elliptical beam

possible configuration Ø.**1131Ø**.ØØ 10

## Accessories
halogen lamps

| **SOMBRA** | ø 155 | details | reference | finish reference |
|---|---|---|---|---|
|  | | dichroic filters<br><br>shield finish:<br>**74** blue<br>**75** green<br>**76** yellow<br>**77** red | Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ | 74<br>75<br>76<br>77 |
|  | | hole cutter<br>for cut-outs<br>Ø195 mm | Ø.1Ø**151**.ØØ | 00 |
|  | | hole cutter handle<br><br>*the handle fits all hole cutters which are available in a range of diameters* | Ø.1Ø**Ø99**.ØØ | 00 |
|  | | spotlight support for luminaires with cut-out of Ø195 mm | Ø.1Ø**Ø02**.ØØ | 10 |
| | | possible configuration | Ø.Ø6937.ØØ 00 | |

## Accessories
halogen lamps

| **SOMBRA** | ø 235 | details | reference | finish reference |
|---|---|---|---|---|
|  | | hole cutter for<br>cut-outs<br>Ø235 mm | Ø.**11235**.ØØ | 00 |
|  | | hole cutter handle<br><br>*the handle fits all hole cutters which are available in a range of diameters* | Ø.1Ø**Ø99**.ØØ | 00 |
|  | | spotlight support for luminaires with cut-out of Ø235 mm | Ø.1Ø**Ø04**.ØØ | 10 |
| | | possible configuration | Ø.11235.ØØ 00 | |







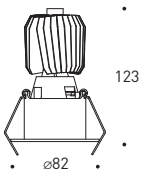


# RE LOW LED

## fixed / adjustable recessed luminaire

## Fixed Comfort recessed round luminaire with remote driver






IP20 IP65 | IOS | 850° | g 234 | ø 60

10 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | ▲ | | | | | |
| Ø | | VE32 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| V | | | 2 | 30° | HQ | 873 | 3000 | >90 | 28 |
| D | | | 3 | 48° | WW | 1044 | 3000 | >80 | 31 |
| T | | | K | senza ottica | NN | 1166 | 4000 | >95 | |

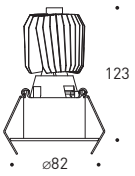
possible configuration: Ø . VE32 1 . HQ 10

LED IOS LL1 | LED IOS LL1 FOOD | 1 HOUR

Accessories (pg. 281).
Photometric data (pg. 702).

## Fixed Comfort recessed round luminaire with remote driver






IP20 IP23 | IOS | 850° | g 228 | ø 66

10 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | ▲ | | | | | |
| Ø | | UE32 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| V | | | 2 | 30° | HQ | 873 | 3000 | >90 | 28 |
| D | | | 3 | 48° | WW | 1044 | 3000 | >80 | 31 |
| T | | | K | without optics | NN | 1166 | 4000 | >95 | |

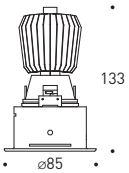
possible configuration: Ø . UE32 1 . HQ 10

LED IOS LL1 | LED IOS LL1 FOOD | 1 HOUR

Accessories (pg. 281).
Photometric data (pg. 702).

## Fixed recessed round luminaire with remote driver






IP20 IP23 | IOS | 850° | g 185 | ø 73

10 W

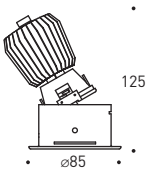
| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | nom. lm | K | CRI | |
| Ø | | RE32 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| V | | | 2 | 30° | HQ | 873 | 3000 | >90 | 28 |
| D | | | 3 | 48° | WW | 1044 | 3000 | >80 | 31 |
| T | | | K | without optics | NN | 1166 | 4000 | >95 | |
| | | | | | 1000 lm | | | | |
| possible configuration | | | | | Ø . RE32 1 . HQ 10 | | | | |

LED IOS LL1 | LED IOS LL1 FOOD | 1 HOUR

Accessories (pg. 281).
Photometric data (pg. 702).

## Adjustable Comfort recessed round luminaire with remote driver






IP20 IP23 | IOS | 850° | 30° | 356° | g 232 | ø 73

10 W

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | nom. lm | K | CRI | |
| Ø | | TE32 | 1 | 15° | HW | 803 | 2700 | >90 | 05* |
| V | | | 2 | 30° | HQ | 873 | 3000 | >90 | 12 |
| D | | | 3 | 48° | WW | 1044 | 3000 | >80 | 28 |
| T | | | K | without optics | NN | 1166 | 4000 | >95 | 31 |
| | | | | | 1000 lm | | | | |
| possible configuration | | | | | Ø . TE32 1 . HQ 05 | | | | |

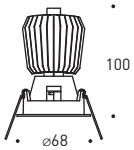
**Special finish 05**: please contact Reggiani

LED IOS LL1 | LED IOS LL1 FOOD | 1 HOUR

Accessories (pg. 281).
Photometric data (pg. 702).

## Fixed recessed round luminaire with remote driver






IP20 IP43 | IOS | 850° | g 175 | ø 60

10 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | ▲ | | | | | |
| Ø | | HE32 | 1 | 15° | HW | 803 | 2700 | >90 | 01 * |
| V | | | 2 | 30° | HQ | 873 | 3000 | >90 | 05 * |
| D | | | 3 | 48° | WW | 1044 | 3000 | >80 | 12 |
| T | | | K | without optics | NN | 1166 | 4000 | >95 | 28 |
| | | | | | | | | | 31 |
| possible configuration | | | Ø . HE32 1 . HQ 10 | | | | | | |

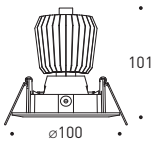
**Special finish 01**: please contact Reggiani
**Special finish 05**: please contact Reggiani

LED IOS LL1 | LED IOS LL1 FOOD | 1 HOUR

Accessories (pg. 281).
Photometric data (pg. 702).

## Adjustable recessed round luminaire with retracted tilting optics and remote driver






IP20 IP23 | IOS | 850° | 32° | 356° | g 230 | ø 90

10 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | ▲ | | | | | |
| Ø | | ME32 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| V | | | 2 | 30° | HQ | 873 | 3000 | >90 | 28 |
| D | | | 3 | 48° | WW | 1044 | 3000 | >80 | 31 |
| T | | | K | without optics | NN | 1166 | 4000 | >95 | |
| possible configuration | | | Ø . ME32 1 . HQ 05 | | | | | | |

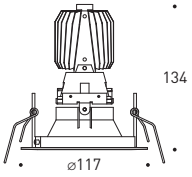
LED IOS LL1 | LED IOS LL1 FOOD | 1 HOUR

Accessories (pg. 281).
Photometric data (pg. 702).

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## Fixed Comfort recessed round luminaire with remote driver






IP20 IP23 | IOS | 850° | g 234 | ø 105

10 W

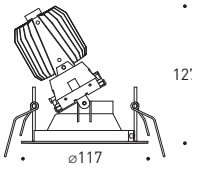
| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | | | | |
| Ø | | NE32 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| V | | | 2 | 30° | HQ | 873 | 3000 | >90 | 28 |
| D | | | 3 | 48° | WW | 1044 | 3000 | >80 | 31 |
| T | | | K | without optics | NN | 1166 | 4000 | >95 | |

1000 lm

| possible configuration | Ø . NE32 1 . HQ 10 |
|---|---|

## Comfort recessed round luminaire with tilting optics and remote driver






IP20 IP23 | IOS | 850° | 30° | 356° | g 192 | ø 105

10 W

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | | | | |
| Ø | | PE32 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| V | | | 2 | 30° | HQ | 873 | 3000 | >90 | 28 |
| D | | | 3 | 48° | WW | 1044 | 3000 | >80 | 31 |
| T | | | K | without optics | NN | 1166 | 4000 | >95 | |

1000 lm

| possible configuration | Ø . PE32 1 . HQ 05 |
|---|---|

LED IOS LL1 | LED IOS LL1 FOOD | 1 HOUR

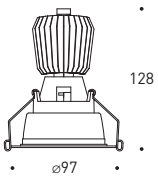
Accessories (pg. 281).
Photometric data (pg. 702).

LED IOS LL1 | LED IOS LL1 FOOD | 1 HOUR

Accessories (pg. 281).
Photometric data (pg. 702).

## Fixed recessed round luminaire in solid brass with remote driver






IP20 IP43 | IOS | 850° | g 350 | ø 82

10 W

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | ▲ | | | | | |
| Ø | | GE32 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| V | | | 2 | 30° | HQ | 873 | 3000 | >90 | 28 |
| D | | | 3 | 48° | WW | 1044 | 3000 | >80 | 31 |
| T | | | K | without optics | NN | 1166 | 4000 | >95 | |

1000 lm

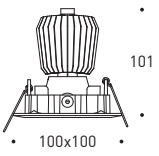
| possible configuration | Ø, GE32, 1, HQ, 10 |
|---|---|

LED IOS LL1 | LED IOS LL1 FOOD | 1 HOUR

Accessories (pg. 281).
Photometric data (pg. 702).

## Adjustable recessed round luminaire with retracted tilting optics and remote driver






IP20 IP23 | IOS | 850° | 30° | 356° | g 270 | ø 90

10 W

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | ▲ | | | | | |
| Ø | | LE32 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| V | | | 2 | 30° | HQ | 873 | 3000 | >90 | 28 |
| D | | | 3 | 48° | WW | 1044 | 3000 | >80 | 31 |
| T | | | K | without optics | NN | 1166 | 4000 | >95 | |

1000 lm

| possible configuration | Ø, LE32, 1, HQ, 10 |
|---|---|

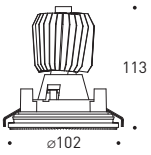
LED IOS LL1 | LED IOS LL1 FOOD | 1 HOUR

Accessories (pg. 281).
Photometric data (pg. 702).

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## Fixed recessed round luminaire (IP65, IK06); prismatic glass diffuser with clear glass central lens






IP20 IP65 | IOS | 850° | g 327 | ø 86

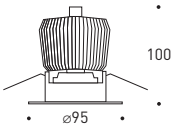
10 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | | | | |
| Ø | | CE32 | 1 | 15° | HW | 803 | 2700 | >90 | 80 |
| V | | | 2 | 30° | HQ | 873 | 3000 | >90 | |
| D | | | 3 | 48° | WW | 1044 | 3000 | >80 | |
| T | | | K | without optics | NN | 1166 | 4000 | >95 | |

possible configuration: Ø . CE32 . 1 . HQ . 10

## Fixed recessed round luminaire with retracted tilting optics and remote driver






IP20 IP23 | IOS | 850° | 25° | 356° | g 230 | ø 80

10 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | | | | |
| Ø | | BE32 | 1 | 15° | HW | 803 | 2700 | >90 | 05* |
| V | | | 2 | 30° | HQ | 873 | 3000 | >90 | 10 |
| D | | | 3 | 48° | WW | 1044 | 3000 | >80 | 12 |
| T | | | K | without optics | NN | 1166 | 4000 | >95 | 21 |
| | | | | | | | | | 28 |
| | | | | | | | | | 31 |

possible configuration: Ø . BE32 . 1 . HQ . 10

**Special finish 05**: please contact Reggiani

LED IOS LL1 | LED IOS LL1 FOOD | 1 HOUR

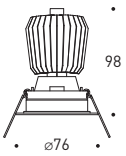
Accessories (pg. 281).
Photometric data (pg. 702).

LED IOS LL1 | LED IOS LL1 FOOD | 1 HOUR

Accessories (pg. 281).
Photometric data (pg. 702).

## Fixed recessed round luminaire in solid brass with remote driver






IP20 IP43 | IOS | 850° | g 250 | ø 65

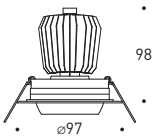
10 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | ▲ | | | | | |
| | Ø | DE32 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| | V | | 2 | 30° | HQ | 873 | 3000 | >90 | 21 |
| | D | | 3 | 48° | WW | 1044 | 3000 | >80 | 28 |
| | T | | K | without optics | NN | 1166 | 4000 | >95 | |

possible configuration: Ø . DE32 1 . HQ 10

## Adjustable recessed round luminaire in solid brass with remote driver






IP20 IP43 | IOS | 850° | 28° | 356° | g 380 | ø 82

10 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | ▲ | | | | | |
| | Ø | FE32 | 1 | 15° | HW | 803 | 2700 | >90 | 12 |
| | V | | 2 | 30° | HQ | 873 | 3000 | >90 | 21 |
| | D | | 3 | 48° | WW | 1044 | 3000 | >80 | 28 |
| | T | | K | without optics | NN | 1166 | 4000 | >95 | |

possible configuration: Ø . FE32 1 . HQ 10

LED IOS LL1 | LED IOS LL1 FOOD | 1 HOUR

Accessories (pg. 281).
Photometric data (pg. 702).

LED IOS LL1 | LED IOS LL1 FOOD | 1 HOUR

Accessories (pg. 281).
Photometric data (pg. 702).

# Accessories
## LED

| | | details | IOS | ▲ | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL1 |  • ø50 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | 1 | 15° | Ø.**35Ø0**5.ØØ | 00 |
| | | | 2 | 30° | Ø.**35Ø0**6.ØØ | |
| | | | 3 | 48° | Ø.**35Ø0**7.ØØ | |
| LED IOS LL1 FOOD |  • ø50 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL1 | 15° | Ø.**35Ø0**5.ØØ | 64 |
| | | | | 30° | Ø.**35Ø0**6.ØØ | 65 |
| | | | | 48° | Ø.**35Ø0**7.ØØ | 66 |
| | | | | | | 67 |
|   | | emergency pack for LED LUCE luminaires including Ni/Cd battery with 1h back-up | | | Ø.**35Ø1**.ØØ | 00 |
|  | | Extension lead For LED LUCE luminaires<br><br>Three-metre, two-core cable complete with quick-fi t plug and socket | | | Ø.**351Ø0**.ØØ | 00 |

| | |
|---|---|
| possible configuration | Ø.12345.ØØ 00 |





# TTILE

## fixed recessed luminaire

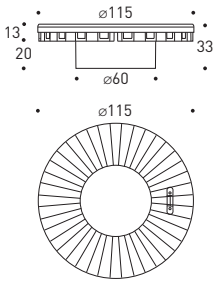
design by: **Fabio Reggiani**

## Round, fixed recessed luminaire with remote driver

01 03 10 21 28

### TTile in






Trimless ø 60 mm
Round trim* ø 65 mm
Square trim* ⧈ 65 mm

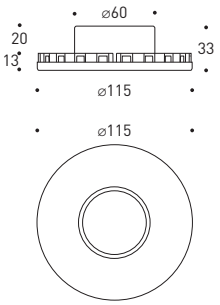
IP20 IP40 | IOS | 850° | g 566 | ø 60

10 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | nom. lm | K | CRI | |
| | Ø | BB52 | 1 | 15° | HQ | 873 | 3000 | >90 | 01 |
| | V | | 2 | 30° | WW | 1044 | 3000 | >80 | 03 |
| | D | | 3 | 48° | NN | 1166 | 4000 | >80 | 10 |
| | T | | K | without optics | | | | | 21 |
| | | | | | | | | | 28 |
| possible configuration | | | Ø. BB52 1 . HQ 01 | | | | | | |

### TTile out

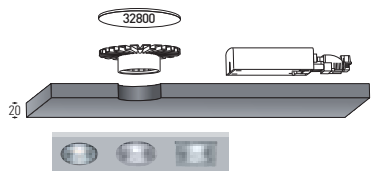




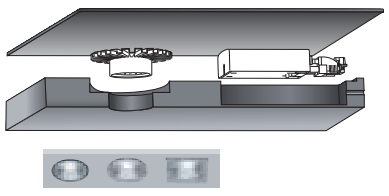

IP20 IP40 | IOS | 850° | g 566 | ø 65

10 W — 1000 lm

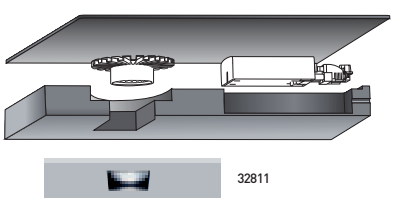
| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | nom. lm | K | CRI | |
| | Ø | CB52 | 1 | 15° | HQ | 873 | 3000 | >90 | 10 |
| | V | | 2 | 30° | WW | 1044 | 3000 | >80 | 21 |
| | D | | 3 | 48° | NN | 1166 | 4000 | >80 | 28 |
| | T | | K | without optics | | | | | |
| possible configuration | | | Ø. CB52 1 . HQ 01 | | | | | | |




On a 20 mm thick panel, with optional back cover plate (accessory ref. Ø.**328ØØ**.ØØ).

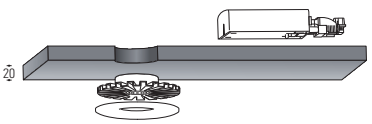


On shelves thick enough to contain the luminaire and driver (both 33 mm high), with grooves for flush mounting of the luminaire/driver and then positioning of cover.



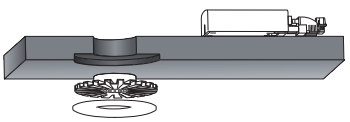
On shelves thick enough to contain the luminaire and driver (both 33 mm high) + 10 mm height for the square antiglare attachment (ref. Ø.**32811**.ØØØØ).




Semi-recessed

Flush recessed on panel thick enough to contain the luminaire and driver (both 33 mm high), with groove to house the luminaire; the driver will need to be housed in the plenum space above or remotely (optional, extension lead ref. Ø.**351ØØ**.ØØ).



LED IOS LL1 | LED IOS LL1 FOOD

Accessories (pg. 285).
Photometric data (pg. 702).

LED IOS LL1 | LED IOS LL1 FOOD

Accessories (pg. 285).
Photometric data (pg. 702).

# Accessories
## LED

| TTILE IN / OUT | ø 65 | details | IOS LL1 | ▲ | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL1 |  • ø50 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | 1 | 15° | Ø.35Ø05.ØØ | 00 |
| | | | 2 | 30° | Ø.35Ø06.ØØ | |
| | | | 3 | 48° | Ø.35Ø07.ØØ | |
| LED IOS LL1 FOOD |  • ø50 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL1 | 15° | Ø.35Ø05.ØØ | 64 |
| | | | | 30° | Ø.35Ø06.ØØ | 65 |
| | | | | 48° | Ø.35Ø07.ØØ | 66 |
| | | | | | | 67 |
|  | | extension lead for LED luminaires<br><br>three-metre, two-core cable complete with quick-fit plug and socket | / | | Ø.351Ø0.ØØ | 00 |
|  | | Phase cut dimmer (max 400 W) for LED LUCE adjustment | / | | Ø.3511Ø.ØØ | 00 |
|  | | back cover plate only for Ttile in 117 mm x h6 mm | / | | Ø.328Ø0.ØØ | 01 |
| | | | | | | 10 |
| | | | | | | 21 |
| | | | | | | 28 |
|  | | square anti-glare attachment only for Ttile in L65 mm x l65 mm x h14 mm | / | | Ø.32811.ØØ | 42 |

| possible configuration | Ø.35Ø05.ØØ 00 |
|---|---|





# SPLED

## fixed recessed luminaire

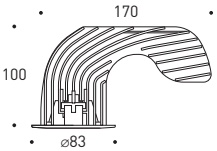
design by: **Fabio Reggiani**

## Round, fixed recessed luminaire with remote driver



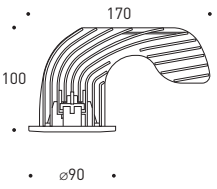







Round trim* ø 83 mm
Square trim* ⧈ 83 mm






Prismatic clear* diffuser.

IP20 IP40 | | IOS | 850° | g 521 | ø 75 | | |

10 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | ▲ | | nom. lm | K | CRI | |
| | Ø | BB42 | 1 | 15° | HQ | 873 | 3000 | >90 | 01 |
| | V | | 2 | 30° | WW | 1044 | 3000 | >80 | 10 |
| | D | | 3 | 48° | NN | 1166 | 4000 | >80 | 21 |
| | T | | K | without optics | | | | | 28 |

possible configuration: Ø . BB42 1 . HQ 01

[*] Round or square trim included in every pack

IP20 IP65 | | IOS | 850° | g 494 | ø 75 | | |

10 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | ▲ | | nom. lm | K | CRI | |
| | Ø | CB42 | 1 | 15° | HQ | 873 | 3000 | >90 | 01 |
| | | | 2 | 30° | WW | 1044 | 3000 | >80 | |
| | | | 3 | 48° | NN | 1166 | 4000 | >80 | |
| | | | K | without optics | | | | | |

possible configuration: Ø . CB42 1 . HQ 01

[*] Round or square trim included in every pack

LED IOS LL1 | LED IOS LL1 FOOD

Accessories (pg. 289).
Photometric data (pg. 702).

LED IOS LL1 | LED IOS LL1 FOOD

Accessories (pg. 289).
Photometric data (pg. 702).

# Accessories
## LED

| SPLED | ø75 | details | IOS LL1 | ▲ | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL1 |   | interchangeable optical system<br><br>shield finish:<br>**00** clear | 1 | 15° | Ø.35Ø05.ØØ | 00 |
| | | | 2 | 30° | Ø.35Ø06.ØØ | |
| | | | 3 | 48° | Ø.35Ø07.ØØ | |
| LED IOS LL1 FOOD |   | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL1 | 15° | Ø.35Ø05.ØØ | 64 |
| | | | | 30° | Ø.35Ø06.ØØ | 65 |
| | | | | 48° | Ø.35Ø07.ØØ | 66 |
| | | | | | | 67 |
| | | extension lead for LED luminaires<br><br>three-metre, two-core cable complete with quick-fit plug and socket | | | Ø.351Ø0.ØØ | 42 |
| | | possible configuration | | | Ø.12345.ØØ | 00 |



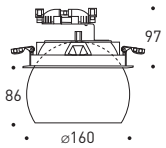
# IONE

## adjustable recessed luminaire

## Round, adjustable recessed luminaire with remote driver









**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | BB93 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| V | | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| D | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| T | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . BB93 A . HQ 10 | | | | |

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | BB97 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 3617 | 3000 | >80 | 21 |
| V | | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| D | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . BB97 A . HQ 10 | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | BB95 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| V | | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| D | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| T | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . BB95 A . HQ 10 | | | | |



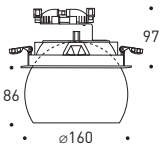

Accessories (pg. 295).
Photometric data (pg. 704-705 / 708-709 / 712-713).

REGGIANI

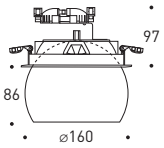
## Round, adjustable recessed luminaire with remote driver for metal halide lamps and halogen lamps

10 21 28








IP20 IP20 | IOS | 850° | 60° | 356° | g 1157 | ø 155

IP20 IP20 | IOS | 850° | 60° | 356° | g 1048 | ø 155

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.20Ø2.ØØ | | 7° | 10 |
| Ø.20Ø4.ØØ | | 17° | 21 |
| Ø.20Ø6.ØØ | | 28° | 28 |
| Ø.20Ø8.ØØ | | Mira | |
| **35 W** | | | |
| Ø.2041 2.ØØ | | 7° | 10 |
| Ø.2041 4.ØØ | | 17° | 21 |
| Ø.2041 6.ØØ | | 28° | 28 |
| Ø.2041 8.ØØ | | Mira | |
| **50 W** | | | |
| Ø.5003 9.ØØ | | 7° | 10 |
| Ø.5004 0.ØØ | | 17° | 21 |
| Ø.5004 1.ØØ | | 28° | 28 |
| Ø.5004 2.ØØ | | Mira | |
| **70 W** | | | |
| Ø.2042 2.ØØ | | 8° | 10 |
| Ø.2042 4.ØØ | | 17° | 21 |
| Ø.2042 6.ØØ | | 29° | 28 |
| Ø.2042 8.ØØ | | Mira | |
| possible configuration | | Ø.2Ø4Ø2.ØØ 10 | |

| HALO IOS | QT-12 GY6.5 | IOS HL2 optics | finish reference |
|---|---|---|---|
| **60 W** | | | |
| Ø.2043 2.ØØ | | 18° | 10 |
| Ø.2043 4.ØØ | | 24° | 21 |
| Ø.2043 6.ØØ | | 30° | 28 |
| possible configuration | | Ø.2Ø432.ØØ 10 | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

Accessories (pg. 295).
Photometric data (pg. 767).

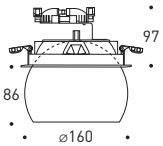
HALO IOS HL2 | HALO IOS HL2 FOOD | HALO IOS HL2 UV/IR | HALO IOS HL2

Accessories (pg. 295).
Photometric data (pg. 772).

## Round, adjustable recessed luminaire with remote driver for halogen lamps

10 21 28

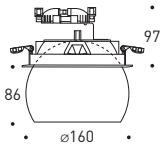





IP20 IP20 | 850° | 60° | 356° | g 920 | ø 155

| HALO | QR-111 G53 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 75 W | | | |
| Ø.2Ø44Ø.ØØ | | / | 10 |
| | | | 21 |
| | | | 28 |
| possible configuration | | Ø.2Ø44Ø.ØØ 10 | |






IP20 IP20 | 850° | 60° | 356° | g 1102 | ø 155

| HALO | CDM-R111 GX8.5 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.2Ø452.ØØ | | / | 10 |
| | | | 21 |
| | | | 28 |
| Ø.2Ø454.ØØ | | / | 10 |
| | | | 21 |
| | | | 28 |
| Ø.2Ø456.ØØ | | / | 10 |
| | | | 21 |
| | | | 28 |
| possible configuration | | Ø.2Ø452.ØØ 10 | |

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## Accessories
LED

| IONE | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.**35Ø5Ø**.ØØ | 00 |
| | | | B | 15° | Ø.**35Ø49**.ØØ | |
| | | | C | 21° | Ø.**35Ø51**.ØØ | |
| | | | D | 29° | Ø.**35Ø52**.ØØ | |
| | | | E | 51° | Ø.**35Ø53**.ØØ | |
| | | | F | Mira* | Ø.**35Ø54**.ØØ | |
| | | | H | W. W. | Ø.**35Ø59**.ØØ | |
| LED IOS LL2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.**35Ø5Ø**.ØØ | 64 |
| | | | | 15° | Ø.**35Ø49**.ØØ | 65 |
| | | | | 21° | Ø.**35Ø51**.ØØ | 66 |
| | | | | 29° | Ø.**35Ø52**.ØØ | 67 |
| | | | | 51° | Ø.**35Ø53**.ØØ | |
| 1 HOUR | | emergency pack for LED luminaires including Ni/Cd battery with 1h back-up<br><br>sizes in mm:<br>L.160 x P.55 x H.90 | | | Ø.**35Ø81**.ØØ | 00 |
| DIMMER | | phase cut dimmer (max 400W) for LED adjustment | | | Ø.**3511Ø**.ØØ | 00 |
| | | extension lead for LED LUCE luminaires<br><br>three-metre, two-core cable complete with quick-fit plug and socket | | | Ø.**351ØØ**.ØØ | 00 |

* elliptical beam

possible configuration Ø.35Ø5Ø.ØØ 00

## Accessories
halogen lamps / metal halide lamps

| IONE | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 00 |
| | | | | 34° | Ø.**1131Ø**.ØØ | |
| | | | | 56°/58° | Ø.**1132Ø**.ØØ | |
| | | | | Mira* | Ø.**1133Ø**.ØØ | |
| MH IOS MH2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 64 |
| | | | | 34° | Ø.**1131Ø**.ØØ | 65 |
| | | | | 56°/58° | Ø.**1132Ø**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH2 UV/IR<br>MH IOS MH2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 59 |
| | | | | 34° | Ø.**1131Ø**.ØØ | 79 |
| | | | | 56°/58° | Ø.**1132Ø**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| HALO IOS HL2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS HL2 | 18° | Ø.**113ØØ**.ØØ | 00 |
| | | | | 24° | Ø.**1131Ø**.ØØ | |
| | | | | 30° | Ø.**1132Ø**.ØØ | |
| HALO IOS HL2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS HL2 | 18° | Ø.**113ØØ**.ØØ | 64 |
| | | | | 24° | Ø.**1131Ø**.ØØ | 65 |
| | | | | 30° | Ø.**1132Ø**.ØØ | 66 |
| | | | | | | 67 |
| HALO IOS HL2 UV/IR<br>HALO IOS HL2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS HL2 | 18° | Ø.**113ØØ**.ØØ | 59 |
| | | | | 24° | Ø.**1131Ø**.ØØ | 79 |
| | | | | 30° | Ø.**1132Ø**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |

* elliptical beam

possible configuration Ø.113ØØ.ØØ 10





# QUADRIPLUS

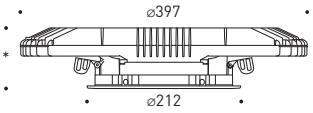
## fixed recessed luminaire

design by: **Fabio Reggiani**

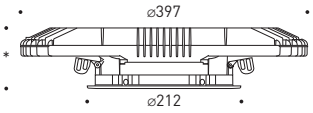
## Round, fixed recessed luminaire with remote driver

10 21 28








IP40 IP40 | IOS | 850° | g 2156 | ø 195

SYMMETRIC

4x13 W — 6000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL4 | | | | | | |
| Ø | | BB6T | J | 21° | HQ | 4480 | 3000 | >90 | 10 |
| V | | | V | 25° | WW | 6000 | 3000 | >80 | 21 |
| D | | | W | 34° | NN | 6640 | 4000 | >80 | 28 |
| | | | X | 45° | | | | | |
| | | | Y | 71° | | | | | |

possible configuration: Ø . BB6T A . HQ 10

IP40 IP40 | 850° | g 2156 | ø 195

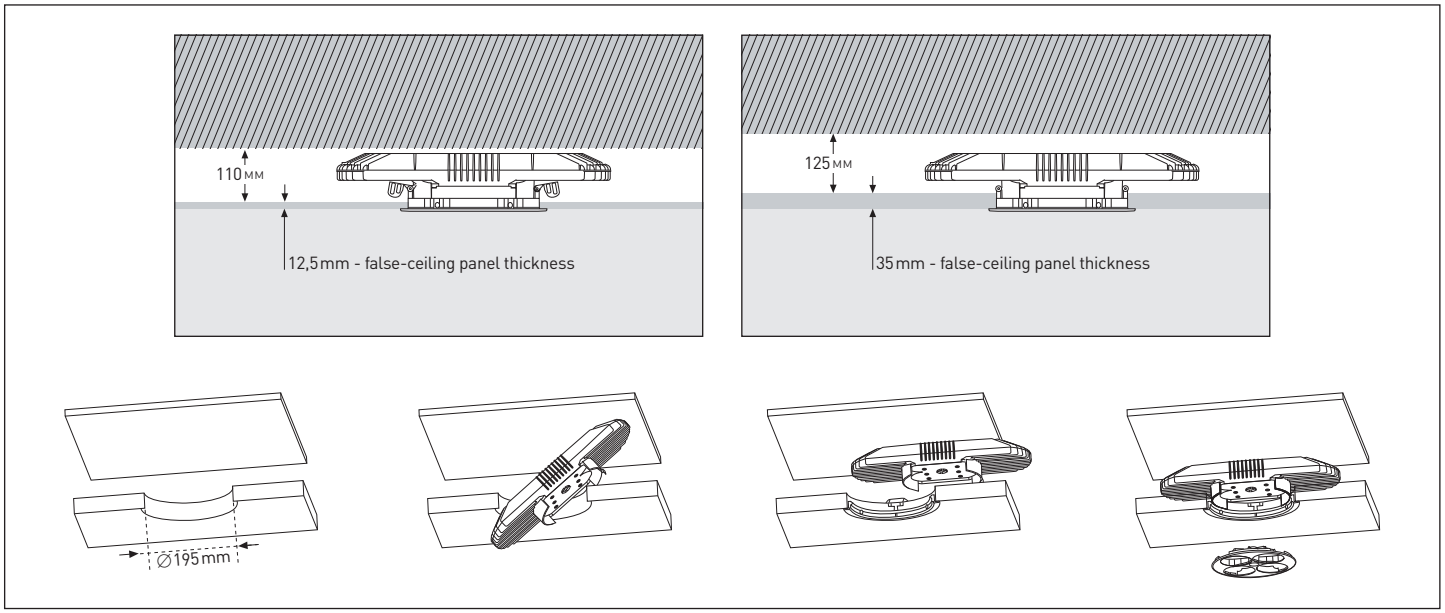
ASYMMETRIC

2x13 W — 3000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL5 | | | | | | |
| Ø | | CB6R | 0 | α 44° β 89° | HQ | 2240 | 3000 | >90 | 10 |
| V | | | | | WW | 3000 | 3000 | >80 | 21 |
| D | | | | | NN | 3320 | 4000 | >80 | 28 |

possible configuration: Ø . CB6R 0 . HQ 10

**Recessed housing depth**



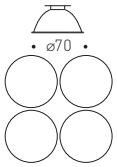

LED IOS LL4 | 1 HOUR

Accessories (pg. 299).
Photometric data (pg. 732-733).

1 HOUR

Accessories (pg. 299).
Photometric data (pg. 732-733).

# Accessories
## LED

| QUADRIPLUS | ø 195 | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL4 |   | system with interchangeable and independent optics<br><br>shield finish:<br>**00** clear | J | 21° | Ø.3516Ø.ØØ | 00 |
| | | | V | 25° | Ø.35161.ØØ | |
| | | | W | 34° | Ø.35162.ØØ | |
| | | | X | 45° | Ø.35163.ØØ | |
| | | | Y | 71° | Ø.35164.ØØ | |
| 1 HOUR | | emergency pack for LED luminaires including Ni/Cd battery with 1h back-up<br><br>sizes in mm:<br>L.160 x P.55 x H.90 | | | Ø.35Ø81.ØØ | 00 |
| | | integral satin shield to position on the optics structure to soften the light beam | | | Ø.35Ø67.ØØ | 00 |
| | | hole cutter for cut-outs Ø195 mm | | | Ø.11345.ØØ | 00 |
| | | hole cutter handle<br><br>*the handle fits all hole cutters which are available in a range of diameters* | | | Ø.1ØØ99.ØØ | 00 |
| | | extension lead for LED luminaires<br><br>three-metre, two-core cable complete with quick-fit plug and socket | | | Ø.351ØØ.ØØ | 00 |
| | | spotlight support for luminaires with cut-out of Ø195 mm | | | Ø.1ØØØ3.ØØ | 10 |
| | | possible configuration | | | Ø.3516Ø.ØØ | 00 |

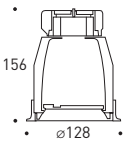


# SUPERAXEL

## fixed recessed luminaire

## Fixed recessed luminaire with control gear technology for compact fluorescent lamps, halogen lamps and metal halide lamps






IP20 / IP44 | 850° | g 521 | ø 120

**1x13W**

| FLU | TC-TE (GX24q-1) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11544.ØØ | | 56° | 10 / 28 |

**1x70W**

| HALO | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11483.ØØ | | 82° | 10 / 28 |

**1x60W**

| HALO | QT-14 (G9) mains voltage | beam width | finish reference |
|---|---|---|---|
| Ø.11848.ØØ | | 54° | 10 / 28 |

**1x20W**

| HALO | CDM-T (G12) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11475.ØØ | | 82° | 10 / 28 |

**50 W / 12 V**

| HALO | QT-12 (GY6.35) | beam width | finish reference |
|---|---|---|---|
| Ø.11858.ØØ | | 54° | 10 / 28 |

**1x35W**

| HALO | CDM-T (G12) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11411.ØØ | | 82° | 10 / 28 |

**1x35W**

| HALO | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11481.ØØ | | 82° | 10 / 28 |

**1x70W**

| HALO | CDM-T (G12) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11413.ØØ | | 82° | 10 / 28 |

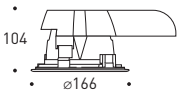
| possible configuration | Ø.11544.ØØ 10 |
|---|---|

REGGIANI

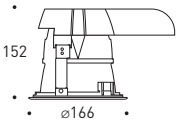
## Fixed recessed COMPACT and COMFORT luminaire with control gear technology for compact fluorescent lamps

10 28








IP20 IP44 | 850° | g 558 | ø 154

### COMPACT

1x13W

| FLU | TC-DE (G24q-1) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.171ØØ.ØØ | | 100° | 10 |
| HF control gear with emergency pack | | | 28 |
| Ø.171Ø1.ØØ | | 100° | |

1x18W

| FLU | TC-DE (G24q-2) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.171Ø5.ØØ | | 100° | 10 |
| HF control gear with emergency pack | | | 28 |
| Ø.171Ø6.ØØ | | 100° | |

1x26W

| FLU | TC-DE (G24q-3) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.1711Ø.ØØ | | 100° | 10 |
| HF control gear with emergency pack | | | 28 |
| Ø.17111.ØØ | | 100° | |

| possible configuration | Ø.171ØØ.ØØ 10 |
|---|---|

IP20 IP44 | 850° | g 757 | ø 154

### COMFORT

1x13W

| FLU | TC-DE (G24q-1) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.1716Ø.ØØ | | 92° | 10 |
| HF control gear with emergency pack | | | 28 |
| Ø.17161.ØØ | | 92° | |

1x18W

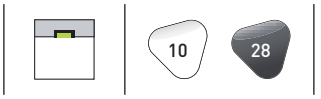
| FLU | TC-DE (G24q-2) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.17165.ØØ | | 92° | 10 |
| HF control gear with emergency pack | | | 28 |
| Ø.17166.ØØ | | 92° | |

1x26W

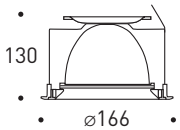
| FLU | TC-DE (G24q-3) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.1717Ø.ØØ | | 92° | 10 |
| HF control gear with emergency pack | | | 28 |
| Ø.17171.ØØ | | 92° | |

| possible configuration | Ø.1716Ø.ØØ 10 |
|---|---|

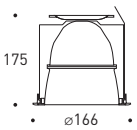
## Fixed recessed COMPACT and COMFORT luminaire for halogen lamps








IP20 IP44 | 850° | g 639 | ø 154

### COMPACT

1x120W

| HALO | QT-DE (R7s) mains voltage | beam width | finish reference |
|---|---|---|---|
| | Ø.17155.ØØ | 80° | 10 / 28 |

1x35W

| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17145.ØØ | 80° | 10 / 28 |

1x70W

| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17150.ØØ | 80 | 10 / 28 |
| possible configuration | | Ø.17155.ØØ 10 | |

IP20 IP44 | 850° | g 855 | ø 154

### COMFORT

1x120W

| HALO | QT-DE (R7s) mains voltage | beam width | finish reference |
|---|---|---|---|
| | Ø.17215.ØØ | 54° | 10 / 28 |

1x35W

| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17205.ØØ | 54° | 10 / 28 |

1x70W

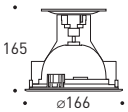
| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17210.ØØ | 54° | 10 / 28 |
| possible configuration | | Ø.17215.ØØ 10 | |

REGGIANI

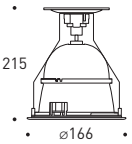
## Fixed recessed COMPACT and COMFORT luminaire with control gear technology for metal halide lamps

10 28








IP20 IP44 | 850° | g 565 | ø 154

### COMPACT

1x20W

| MH | CDM-T (G12) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17120.ØØ | 52° | 10 28 |

1x35W

| MH | CDM-T (G12) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17125.ØØ | 52° | 10 28 |

1x70W

| MH | CDM-T (G12) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17130.ØØ | 52° | 10 28 |

1x150W

| MH | CDM-T (G12) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17135.ØØ | 52° | 10 28 |
| | possible configuration | | Ø.17120.ØØ 10 |

IP20 IP44 | 850° | g 895 | ø 154

### COMFORT

1x20W

| MH | CDM-T (G12) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17180.ØØ | 68° | 10 28 |

1x35W

| MH | CDM-T (G12) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17185.ØØ | 68° | 10 28 |

1x70W

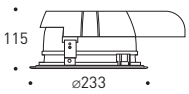
| MH | CDM-T (G12) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17190.ØØ | 68° | 10 28 |

1x150W

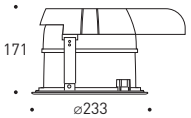
| MH | CDM-T (G12) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17195.ØØ | 68° | 10 28 |
| | possible configuration | | Ø.17180.ØØ 10 |

## Fixed recessed COMPACT and COMFORT luminaire with control gear technology for compact fluorescent lamps








IP20 IP44 | 850° | g 669 | ø 220

### COMPACT

1x18W

| FLU | TC-DE (G24q-2) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17220.ØØ | 102° | 10 |
| | HF control gear with emergency pack | | 28 |
| | Ø.17221.ØØ | 102° | |

1x26W

| FLU | TC-DE (G24q-3) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17225.ØØ | 102° | 10 |
| | HF control gear with emergency pack | | 28 |
| | Ø.17226.ØØ | 102° | |
| | possible configuration | Ø.17220.ØØ 10 | |

IP20 IP44 | 850° | g 1062 | ø 220

### COMFORT

1x18W

| FLU | TC-DE (G24q-2) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17310.ØØ | 100° | 10 |
| | HF control gear with emergency pack | | 28 |
| | Ø.17311.ØØ | 100° | |

1x26W

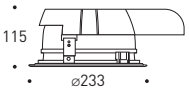
| FLU | TC-DE (G24q-3) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17315.ØØ | 100° | 10 |
| | HF control gear with emergency pack | | 28 |
| | Ø.17316.ØØ | 100° | |
| | possible configuration | Ø.17310.ØØ 10 | |

REGGIANI

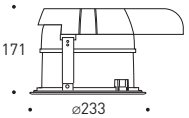
## Fixed recessed COMPACT and COMFORT luminaire with control gear technology for compact fluorescent lamps

10 28








IP20 IP44 | 850° | g 1115 | ø 220

### COMPACT

2x13W

| FLU | TC-DE (G24q-1) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17240.ØØ | 108° | 10 |
| | HF control gear with emergency pack | | 28 |
| | Ø.17241.ØØ | 108° | |

2x18W

| FLU | TC-DE (G24q-2) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17245.ØØ | 108° | 10 |
| | HF control gear with emergency pack | | 28 |
| | Ø.17246.ØØ | 108° | |

2x26W

| FLU | TC-DE (G24q-3) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17250.ØØ | 108° | 10 |
| | HF control gear with emergency pack | | 28 |
| | Ø.17251.ØØ | 108° | |
| | possible configuration | Ø.17240.ØØ 10 | |

IP20 IP44 | 850° | g 1137 | ø 220

### COMFORT

2x13W

| FLU | TC-DE (G24q-1) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17330.ØØ | 108° | 10 |
| | HF control gear with emergency pack | | 28 |
| | Ø.17331.ØØ | 108° | |

2x18W

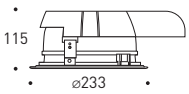
| FLU | TC-DE (G24q-2) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17335.ØØ | 108° | 10 |
| | HF control gear with emergency pack | | 28 |
| | Ø.17336.ØØ | 108° | |

2x26W

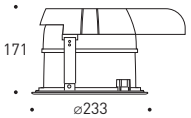
| FLU | TC-DE (G24q-3) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17340.ØØ | 108° | 10 |
| | HF control gear with emergency pack | | 28 |
| | Ø.17341.ØØ | 108° | |
| | possible configuration | Ø.17330.ØØ 10 | |

## Fixed recessed COMPACT and COMFORT luminaire with control gear technology for compact fluorescent lamps








IP20 IP44 | 850° | g 1278 | ø 220

### COMPACT

1x32W

| FLU | TC-TE (GX24q-3) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17230.ØØ | 102° | 10 |
| | HF control gear with emergency pack | | 28 |
| | Ø.17231.ØØ | 102° | |

1x42W

| FLU | TC-TE (GX24q-4) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17235.ØØ | 102° | 10 |
| | HF control gear with emergency pack | | 28 |
| | Ø.17236.ØØ | 102° | |
| | possible configuration | Ø.17230.ØØ 10 | |

IP20 IP44 | 850° | g 1295 | ø 220

### COMFORT

1x32W

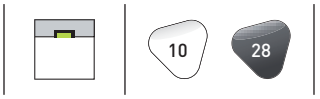
| FLU | TC-TE (GX24q-3) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17320.ØØ | 64° | 10 |
| | HF control gear with emergency pack | | 28 |
| | Ø.17321.ØØ | 64° | |

1x42W

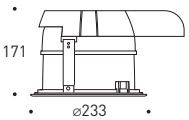
| FLU | TC-TE (GX24q-4) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17325.ØØ | 64° | 10 |
| | HF control gear with emergency pack | | 28 |
| | Ø.17326.ØØ | 64° | |
| | possible configuration | Ø.17320.ØØ 10 | |

REGGIANI

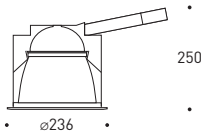
## Fixed recessed COMPACT and COMFORT luminaire with control gear technology for compact fluorescent lamps








IP20 IP23 | 850° | g 1198 | ø 220

### COMPACT

2x13W

| FLU | TC-DE (G24q-1) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17345.ØØ | 90° | 10 |
| | HF control gear with emergency pack | | 28 |
| | Ø.17346.ØØ | 90° | |

2x18W

| FLU | TC-DE (G24q-2) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17350.ØØ | 92° | 10 |
| | HF control gear with emergency pack | | 28 |
| | Ø.17351.ØØ | 92° | |
| | possible configuration | Ø.17345.ØØ 10 | |

IP20 IP23 | 850° | g 1276 | ø 220

### COMFORT

1x35W

| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17415.ØØ | 60° | 10 |
| | | | 28 |

1x70W

| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17420.ØØ | 60° | 10 |
| | | | 28 |

1x150W

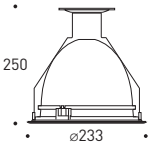
| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17425.ØØ | 60° | 10 |
| | | | 28 |

1x150W

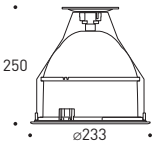
| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17426.EV | 60° | 10 |
| | | | 28 |
| | possible configuration | Ø.17415.ØØ 10 | |

## Fixed recessed COMPACT and COMFORT luminaire with control gear technology for metal halide lamps








IP20 IP44 | 850° | g 1430 | ø 220

### COMPACT

**1x35W**

| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17260.ØØ | 62° | 10 / 28 |

**1x70W**

| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17265.ØØ | 62° | 10 / 28 |

**1x150W**

| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17270.ØØ | 60° | 10 / 28 |

**1x150W**

| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17271.EV | 60° | 10 / 28 |

possible configuration: Ø.17260.ØØ 10

IP20 IP44 | 850° | g 1057 | ø 220

### COMFORT

**1x35W**

| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17360.ØØ | 42° | 10 / 28 |

**1x70W**

| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17365.ØØ | 42° | 10 / 28 |

**1x150W**

| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17370.ØØ | 46° | 10 / 28 |

**1x150W**

| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17371.EV | 46° | 10 / 28 |

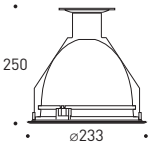
possible configuration: Ø.17360.ØØ 10

REGGIANI

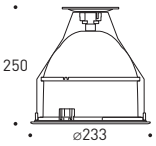
## Fixed recessed COMPACT and COMFORT luminaire with control gear technology for metal halide lamps

10 28








IP20 IP44 | 850° | g 1072 | ø 220

### COMPACT

| | | | |
|---|---|---|---|
| 1x20W | | | |
| MH | CDM-T (G12) HF control gear | beam width | finish reference |
| | Ø.17280.ØØ | 10° | 10 28 |
| 1x35W | | | |
| MH | CDM-T (G12) HF control gear | beam width | finish reference |
| | Ø.17285.ØØ | 10° | 10 28 |
| 1x70W | | | |
| MH | CDM-T (G12) HF control gear | beam width | finish reference |
| | Ø.17290.ØØ | 12° | 10 28 |
| 1x150W | | | |
| MH | CDM-T (G12) HF control gear | beam width | finish reference |
| | Ø.17296.EV | 14° | 10 28 |
| 1x150W | | | |
| MH | CDM-T (G12) HF control gear | beam width | finish reference |
| | Ø.17295.ØØ | 14° | 10 28 |
| possible configuration | | Ø.17280.ØØ 10 | |

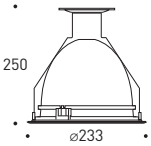
IP20 IP44 | 850° | g 1047 | ø 220

### COMFORT

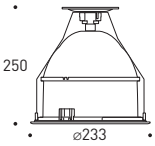
| | | | |
|---|---|---|---|
| 1x20W | | | |
| MH | CDM-T (G12) HF control gear | beam width | finish reference |
| | Ø.17380.ØØ | 10° | 10 28 |
| 1x35W | | | |
| MH | CDM-T (G12) HF control gear | beam width | finish reference |
| | Ø.17385.ØØ | 10° | 10 28 |
| 1x70W | | | |
| MH | CDM-T (G12) HF control gear | beam width | finish reference |
| | Ø.17390.ØØ | 14° | 10 28 |
| 1x150W | | | |
| MH | CDM-T (G12) HF control gear | beam width | finish reference |
| | Ø.17396.EV | 12° | 10 28 |
| 1x150W | | | |
| MH | CDM-T (G12) HF control gear | beam width | finish reference |
| | Ø.17395.ØØ | 12° | 10 28 |
| possible configuration | | Ø.17380.ØØ 10 | |

## Fixed recessed COMPACT and COMFORT luminaire with control gear technology for halogen lamps and metal halide lamps








IP20 IP44 | 850° | g 1227 | ø 220

**COMPACT**

1x230W

| HALO | 114.2 | QT-DE (R7s) mains voltage | beam width | finish reference |
|---|---|---|---|---|
| | | | ▲ | |
| | | Ø.173ØØ.ØØ | 88° | 10<br>28 |
| possible configuration | | | Ø.173ØØ.ØØ 10 | |

IP20 IP44 | 850° | g 898 | ø 220

**COMFORT**

1x230W

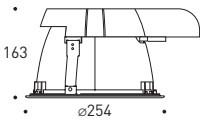
| HALO | 114.2 | QT-DE (R7s) mains voltage | beam width | finish reference |
|---|---|---|---|---|
| | | | ▲ | |
| | | Ø.174ØØ.ØØ | 74° | 10<br>28 |
| possible configuration | | | Ø.174ØØ.ØØ 10 | |

REGGIANI

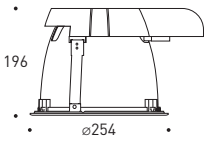
## Fixed recessed COMPACT and COMFORT luminaire with control gear technology for compact fluorescent lamps

10 28








IP20 IP23 | 850° | g 1386 | ø 242

### COMPACT

| 2x18W | | | |
|---|---|---|---|
| FLU | TC-DE (G24q-2) HF control gear | beam width | finish reference |
| | **Ø.17435.ØØ** | 94° | 10 |
| | HF control gear with emergency pack | | 28 |
| | **Ø.17436.ØØ** | 94° | |

| 2x26W | | | |
|---|---|---|---|
| FLU | TC-DE (G24q-3) HF control gear | beam width | finish reference |
| | **Ø.17440.ØØ** | 94° | 10 |
| | HF control gear with emergency pack | | 28 |
| | **Ø.17441.ØØ** | 94° | |

| 2x32W | | | |
|---|---|---|---|
| FLU | TC-TE (GX24q-3) HF control gear | beam width | finish reference |
| | **Ø.17445.ØØ** | 104° | 10 |
| | HF control gear with emergency pack | | 28 |
| | **Ø.17446.ØØ** | 104° | |
| | possible configuration | Ø.17435.ØØ 10 | |

IP20 IP23 | 850° | g 1226 | ø 220

### COMFORT

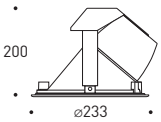
| 2x18W | | | |
|---|---|---|---|
| FLU | TC-DE (G24q-2) HF control gear | beam width | finish reference |
| | **Ø.17450.ØØ** | 108° | 10 |
| | HF control gear with emergency pack | | 28 |
| | **Ø.17451.ØØ** | 108° | |

| 2x26W | | | |
|---|---|---|---|
| FLU | TC-DE (G24q-3) HF control gear | beam width | finish reference |
| | **Ø.17455.ØØ** | 94° | 10 |
| | HF control gear with emergency pack | | 28 |
| | **Ø.17456.ØØ** | 94° | |

| 2x32W | | | |
|---|---|---|---|
| FLU | TC-TE (GX24q-3) HF control gear | beam width | finish reference |
| | **Ø.17460.ØØ** | 102° | 10 |
| | HF control gear with emergency pack | | 28 |
| | **Ø.17461.ØØ** | 102° | |
| | possible configuration | Ø.17450.ØØ 10 | |

## Fixed recessed luminaire with Wall Washer optics and control gear technology for compact fluorescent lamps and metal halide lamps






IP20 / IP23 | 850° | g 951 | ø 220

**2x13W**

| FLU | TC-DE (G24q-1) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17470.ØØ | Wall Washer | 10 / 28 |
| | HF control gear with emergency pack | | |
| | Ø.17471.ØØ | Wall Washer | |

**2x18W**

| FLU | TC-DE (G24q-2) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17475.ØØ | Wall Washer | 10 / 28 |
| | HF control gear with emergency pack | | |
| | Ø.17476.ØØ | Wall Washer | |

**1x35W**

| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17485.ØØ | Wall Washer | 10 / 28 |

**1x70W**

| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17490.ØØ | Wall Washer | 10 / 28 |

**1x150W**

| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17496.EV | Wall Washer | 10 / 28 |

**1x150W**

| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.17495.ØØ | Wall Washer | 10 / 28 |

| possible configuration | Ø.17470.ØØ 10 |
|---|---|




Guangzhou Baiyun International Airport



# SUPERTECHNE

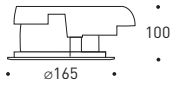
## fixed recessed luminaire

design by: **Fabio Reggiani**

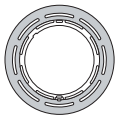
# Fixed recessed COMPACT luminaire with control gear technology for compact fluorescent lamps

10 21 28

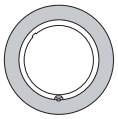
Special finishes:
**.01** chrome **.02** satin matt chrome **.05** gold plated
contact manufacturer for more details





bezel with AVS system



solid bezel

IP20 IP23/44 | 850° | g 599 | ø 150

## LUMINAIRES WITH POLYCARBONATE REFLECTOR

1x13W

| FLU | TC-DE (G24q-1) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø66Ø1.ØØ | Ø.Ø6755.ØØ | 110° | 10 |
| | | | | 21 |
| | | | | 28 |

1x18W

| FLU | TC-DE (G24q-2) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø66Ø5.ØØ | Ø.Ø65Ø3.ØØ | 110° | 10 |
| | HF control gear with emergency pack | | | 21 |
| | Ø.Ø667Ø.ØØ | Ø.Ø65Ø4.ØØ | 110° | 28 |

1x26W

| FLU | TC-DE (G24q-3) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø66Ø6.ØØ | Ø.Ø6579.ØØ | 118° | 10 |
| | HF control gear with emergency pack | | | 21 |
| | Ø.Ø6672.ØØ | Ø.Ø6569.ØØ | 118° | 28 |
| | possible configuration | | Ø.Ø66Ø1.ØØ 10 | |

## LUMINAIRES WITH ALUMINIUM REFLECTOR

1x13W

| FLU | TC-DE (G24q-1) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.166Ø1.ØØ | Ø.164Ø1.ØØ | 110° | 10 |
| | | | | 21 |
| | | | | 28 |

1x18W

| FLU | TC-DE (G24q-2) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.166Ø5.ØØ | Ø.164Ø5.ØØ | 110° | 10 |
| | | | | 21 |
| | | | | 28 |

1x26W

| FLU | TC-DE (G24q-3) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.166Ø6.ØØ | Ø.16579.ØØ | 118° | 10 |
| | | | | 21 |
| | | | | 28 |
| | possible configuration | | Ø.166Ø1.ØØ 10 | |

FOOD | FILTERS | GLASS

Accessories (pg. 331).

REGGIANI

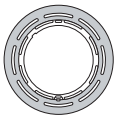
## Fixed recessed COMFORT luminaire with control gear technology for compact fluorescent lamps

10 21 28

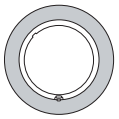
Special finishes:
**.01** chrome **.02** satin matt chrome **.05** gold plated
contact manufacturer for more details





bezel with AVS system



solid bezel

IP20 IP23/44 | 850° | g 1004 | ø 220

### LUMINAIRES WITH POLYCARBONATE REFLECTOR

**1x18W**

| FLU | TC-DE (G24q-2) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6611.ØØ | Ø.Ø64Ø7.ØØ | 112° | 10 21 28 |

**1x26W**

| FLU | TC-DE (G24q-3) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6612.ØØ | Ø.Ø64Ø8.ØØ | 118° | 10 21 28 |

**1x32W**

| FLU | TC-TE (GX24q-3) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø66Ø8.ØØ | Ø.Ø6417.ØØ | 92° | 10 21 28 |

**1x42W**

| FLU | TC-TE (GX24q-4) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø66Ø9.ØØ | Ø.Ø6425.ØØ | 104° | 10 21 28 |
| | possible configuration | | Ø.Ø6611.ØØ 10 | |

### LUMINAIRES WITH ALUMINIUM REFLECTOR

**1x13W**

| FLU | TC-DE (G24q-1) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.16610.ØØ | Ø.16410.ØØ | 108° | 10 21 28 |

**1x18W**

| FLU | TC-DE (G24q-2) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.16611.ØØ | Ø.16411.ØØ | 112° | 10 21 28 |

**1x26W**

| FLU | TC-DE (G24q-3) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.16612.ØØ | Ø.16412.ØØ | 118° | 10 21 28 |

**1x32W**

| FLU | TC-TE (GX24q-3) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.166Ø8.ØØ | Ø.164Ø8.ØØ | 92° | 10 21 28 |

**1x42W**

| FLU | TC-TE (GX24q-4) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.166Ø9.ØØ | Ø.164Ø9.ØØ | 104° | 10 21 28 |
| | possible configuration | | Ø.16610.ØØ 10 | |

FOOD FILTERS GLASS

Accessories (pg. 331).

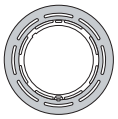
# Fixed recessed COMFORT luminaire with control gear technology for compact fluorescent lamps

10 21 28

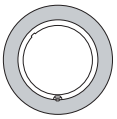
Special finishes:
**.01** chrome **.02** satin matt chrome **.05** gold plated
contact manufacturer for more details





bezel with AVS system



solid bezel

IP20 IP23/44 | 850° | g 1111 | ø 220

## LUMINAIRES WITH POLYCARBONATE REFLECTOR

**2x13W**

| FLU | TC-DE (G24q-1) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6614.ØØ | Ø.Ø64Ø4.ØØ | 98° | 10 |
| | | | | 21 |
| | | | | 28 |

**2x18W**

| FLU | TC-DE (G24q-2) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6615.ØØ | Ø.Ø6551.ØØ | 98° | 10 |
| | HF control gear with emergency pack | | | 21 |
| | Ø.Ø665Ø.ØØ | Ø.Ø6552.ØØ | 98° | 28 |

**2x26W**

| FLU | TC-DE (G24q-3) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6616.ØØ | Ø.Ø6566.ØØ | 100° | 10 |
| | HF control gear with emergency pack | | | 21 |
| | Ø.Ø6654.ØØ | Ø.Ø6599.ØØ | 100° | 28 |
| | possible configuration | | Ø.Ø6614.ØØ 10 | |

## LUMINAIRES WITH ALUMINIUM REFLECTOR

**2x13W**

| FLU | TC-DE (G24q-1) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.16614.ØØ | Ø.16414.ØØ | 98° | 10 |
| | | | | 21 |
| | | | | 28 |

**2x18W**

| FLU | TC-DE (G24q-2) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.16615.ØØ | Ø.16415.ØØ | 98° | 10 |
| | | | | 21 |
| | | | | 28 |

**2x26W**

| FLU | TC-DE (G24q-3) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.16616.ØØ | Ø.16566.ØØ | 100° | 10 |
| | | | | 21 |
| | | | | 28 |
| | possible configuration | | Ø.16614.ØØ 10 | |

FOOD | FILTERS | GLASS

Accessories (pg. 331).

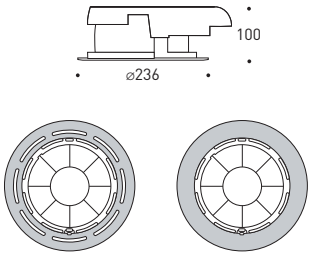
REGGIANI

## Fixed recessed luminaire with anti-glare turbo louvre and control gear technology for compact fluorescent lamps

10 21 28

Special finishes:
**.01** chrome **.02** satin matt chrome **.05** gold plated
contact manufacturer for more details






bezel with AVS system | solid bezel

IP20 IP23 | 850° | g 1028 | ø 220

### ANTI-GLARE TURBO LOUVRE

2x18W

| FLU | TC-DE (G24q-2) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.**Ø6675**.ØØ | Ø.**Ø6655**.ØØ | 94° | 10 / 21 / 28 |

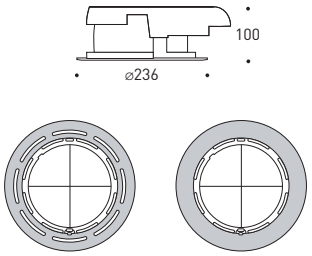
2x26W

| FLU | TC-DE (G24q-3) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.**Ø6679**.ØØ | Ø.**Ø664Ø**.ØØ | 92° | 10 / 21 / 28 |
| possible configuration | | | Ø.Ø6675.ØØ 10 | |

GLASS

Accessories (pg. 331).






bezel with AVS system | solid bezel

IP20 IP23 | 850° | g 1028 | ø 220

### ANTI-GLARE CROSS-BLADE LOUVRE

2x18W

| FLU | TC-DE (G24q-2) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.**Ø6667**.ØØ | Ø.**Ø6563**.ØØ | 94° | 10 / 21 / 28 |

2x26W

| FLU | TC-DE (G24q-3) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.**Ø6668**.ØØ | Ø.**Ø6725**.ØØ | 92° | 10 / 21 / 28 |
| possible configuration | | | Ø.Ø6667.ØØ 10 | |

GLASS

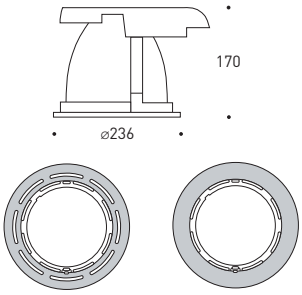
Accessories (pg. 331).

## Fixed recessed DARK LIGHT/COMFORT luminaire with control gear technology for compact fluorescent lamps

10 21 28

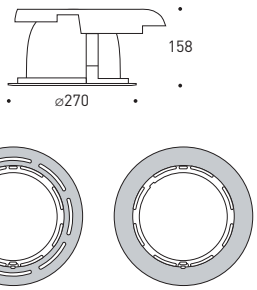
Special finishes:
**.01** chrome **.02** satin matt chrome **.05** gold plated
contact manufacturer for more details






bezel with AVS system | solid bezel






bezel with AVS system | solid bezel

IP20 IP23 | 850° | g 1038 | ø 220

### DARK LIGHT

2x13W

| FLU | TC-DE (G24q-1) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6622.ØØ | Ø.Ø6436.ØØ | 90° | 10 |
| | HF control gear with emergency pack | | | 21 |
| | Ø.Ø6648.ØØ | Ø.Ø6439.ØØ | 90° | 28 |

2x18W

| FLU | TC-DE (G24q-2) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6624.ØØ | Ø.Ø645Ø.ØØ | 92° | 10 |
| | HF control gear with emergency pack | | | 21 |
| | Ø.Ø6649.ØØ | Ø.Ø6451.ØØ | 92° | 28 |
| | possible configuration | | Ø.Ø6622.ØØ 10 | |

IP20 IP23 | 850° | g 1347 | ø 242

### DARK LIGHT

2x18W

| FLU | TC-DE (G24q-2) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6637.ØØ | Ø.Ø6786.ØØ | 94° | 10 |
| | HF control gear with emergency pack | | | 21 |
| | Ø.Ø6653.ØØ | Ø.Ø6787.ØØ | 94° | 28 |

2x26W

| FLU | TC-DE (G24q-3) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6638.ØØ | Ø.Ø6789.ØØ | 94° | 10 |
| | HF control gear with emergency pack | | | 21 |
| | Ø.Ø6657.ØØ | Ø.Ø679Ø.ØØ | 94° | 28 |
| | possible configuration | | Ø.Ø6637.ØØ 10 | |

### COMFORT

2x32W

| FLU | TC-TE (GX24q-3) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6642.ØØ | Ø.Ø6452.ØØ | 106° | 10 |
| | HF control gear with emergency pack | | | 21 |
| | Ø.Ø6699.ØØ | Ø.Ø6453.ØØ | 106° | 28 |
| | possible configuration | | Ø.Ø6642.ØØ 10 | |

GLASS

Accessories (pg. 331).

GLASS

Accessories (pg. 331).

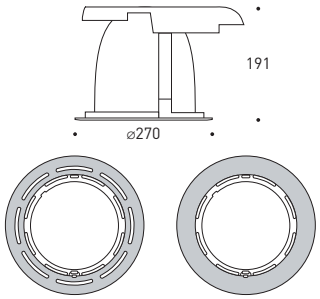
REGGIANI

## Fixed recessed DARK LIGHT/COMFORT luminaire with control gear technology for compact fluorescent lamps

10 21 28

Special finishes:
**.01** chrome **.02** satin matt chrome **.05** gold plated
contact manufacturer for more details






bezel with AVS system | solid bezel

IP20 IP23 | 850° | g 1419 | ø 242

### DARK LIGHT

**2x18W**

| FLU | TC-DE (G24q-2) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | ▲ | |
| | Ø.Ø6632.ØØ | Ø.Ø6455.ØØ | 94° | 10 |
| | HF control gear with emergency pack | | | 21 |
| | Ø.Ø6652.ØØ | Ø.Ø6456.ØØ | 94° | 28 |

**2x26W**

| FLU | TC-DE (G24q-3) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | ▲ | |
| | Ø.Ø6633.ØØ | Ø.Ø6594.ØØ | 94° | 10 |
| | HF control gear with emergency pack | | | 21 |
| | Ø.Ø6656.ØØ | Ø.Ø6568.ØØ | 94° | 28 |
| | possible configuration | | Ø.Ø6632.ØØ 10 | |

### COMFORT

**2x32W**

| FLU | TC-TE (GX24q-3) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | ▲ | |
| | Ø.Ø6641.ØØ | Ø.Ø6457.ØØ | 102° | 10 |
| | HF control gear with emergency pack | | | 21 |
| | Ø.Ø6643.ØØ | Ø.Ø6458.ØØ | 102° | 28 |
| | possible configuration | | Ø.Ø6641.ØØ 10 | |

GLASS

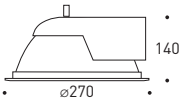
Accessories (pg. 331).

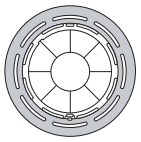
## Fixed recessed COMPACT luminaire with control gear technology for compact fluorescent lamps

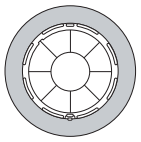
10 21 28

Special finishes:
**.01** chrome **.02** satin matt chrome **.05** gold plated
contact manufacturer for more details



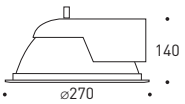


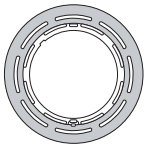



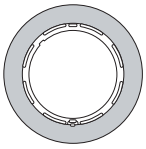


bezel with AVS system | solid bezel







bezel with AVS system | solid bezel

IP20 IP23 | 850° | g 1140 | ø 242

### ANTI-GLARE TURBO LOUVRE

2x32W

| FLU | TC-TE (GX24q-3) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | ▲ | |
| | Ø.Ø66Ø4.ØØ | Ø.Ø6466.ØØ | 82° | 10 |
| | HF control gear with emergency pack | | | 21 |
| | Ø.Ø6671.ØØ | Ø.Ø6467.ØØ | 82° | 28 |

2x42W

| FLU | TC-TE (GX24q-3) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | ▲ | |
| | Ø.Ø6623.ØØ | Ø.Ø6468.ØØ | 94° | 10 |
| | HF control gear with emergency pack | | | 21 |
| | Ø.Ø6673.ØØ | Ø.Ø6469.ØØ | 94° | 28 |
| | possible configuration | | Ø.Ø66Ø4.ØØ 10 | |

GLASS

Accessories (pg. 331).

IP20 IP23 | 850° | g 1329 | ø 242

### COMPACT

2x32W

| FLU | TC-TE (GX24q-3) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | ▲ | |
| | Ø.Ø66Ø2.ØØ | Ø.Ø6459.ØØ | 62° | 10 |
| | HF control gear with emergency pack | | | 21 |
| | Ø.Ø6666.ØØ | Ø.Ø6462.ØØ | 62° | 28 |

2x42W

| FLU | TC-TE (GX24q-3) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | ▲ | |
| | Ø.Ø66Ø3.ØØ | Ø.Ø6463.ØØ | 61° | 10 |
| | HF control gear with emergency pack | | | 21 |
| | Ø.Ø6669.ØØ | Ø.Ø6494.ØØ | 61° | 28 |
| | possible configuration | | Ø.Ø66Ø2.ØØ 10 | |

GLASS

Accessories (pg. 331).

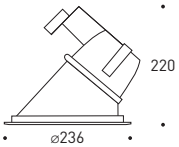
REGGIANI

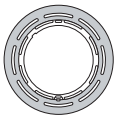
## Fixed recessed luminaire with WALL WASHER optics and control gear technology for compact fluorescent lamps

10 21 28

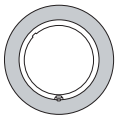
Special finishes:
**.01** chrome **.02** satin matt chrome **.05** gold plated
contact manufacturer for more details





bezel with AVS system



solid bezel

IP20 IP23 | 850° | g 1078 | ø 220

2x18W

| FLU | TC-DE (G24q-2) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6665.ØØ | Ø.Ø6559.ØØ | Wall Washer | 10 |
| | | | | 21 |
| | | | | 28 |
| | possible configuration | | Ø.Ø6665.ØØ 10 | |

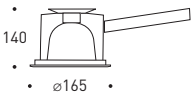
GLASS

Accessories (pg. 331).

## Fixed recessed luminaire with control gear technology for metal halide lamps

10 21 28

Special finishes:
**.01** chrome **.02** satin matt chrome **.05** gold plated
contact manufacturer for more details








bezel with AVS system



solid bezel

IP20 IP23/43 | 850° | g 1002 | ø 150

1x20W

| MH | CDM-T (G12) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6845.ØØ | Ø.Ø6847.ØØ | 58° | 10 21 28 |

1x35W

| MH | CDM-T (G12) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø674Ø.ØØ | Ø.Ø6736.ØØ | 58° | 10 21 28 |

1x70W

| MH | CDM-T (G12) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6741.ØØ | Ø.Ø6728.ØØ | 66° | 10 21 28 |

1x150W

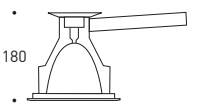
| MH | CDM-T (G12) HPF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6742.EV | Ø.Ø6729.EV | 68° | 10 21 28 |

1x70W

| MH | HIT-DE (RX7s) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6743.ØØ | Ø.Ø6739.ØØ | 62° | 10 21 28 |
| | possible configuration | | Ø.Ø6845.ØØ 10 | |

FOOD FILTERS GLASS

Accessories (pg. 331).








bezel with AVS system



solid bezel

IP20 IP23/43 | 850° | g 837 | ø 150

1x20W

| MH | CDM-T (G12) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6846.ØØ | Ø.Ø6848.ØØ | 42° | 10 21 28 |

1x35W

| MH | CDM-T (G12) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6745.ØØ | Ø.Ø6737.ØØ | 42° | 10 21 28 |

1x70W

| MH | CDM-T (G12) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6746.ØØ | Ø.Ø6744.ØØ | 44° | 10 21 28 |

1x150W

| MH | CDM-T (G12) HPF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6747.EV | Ø.Ø6748.EV | 54° | 10 21 28 |
| | possible configuration | | Ø.Ø6846.ØØ 10 | |

FOOD FILTERS GLASS

Accessories (pg. 331).

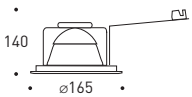
REGGIANI

## Fixed recessed luminaire with control gear technology for halogen lamps

10 21 28

Special finishes:
**.01** chrome **.02** satin matt chrome **.05** gold plated
contact manufacturer for more details










bezel with AVS system | solid bezel

IP20 IP23/43 | 850° | g 563 | ø 150

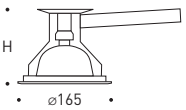
**1x100W / 12 V**

| HALO | QT-12 (GY6.35) | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | ▲ | |
| | Ø.Ø63ØØ.ØØ | Ø.Ø6335.ØØ | 38° | 10 |
| **1x150W / 24 V** | | | | 21 |
| | Ø.Ø63ØØ.ØØ | Ø.Ø6335.ØØ | 38° | 28 |

**1x150W**

| HALO | QT-DE (R7s) mains voltage | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | ▲ | |
| | Ø.Ø63Ø1.ØØ | Ø.Ø6336.ØØ | 70° | 10 |
| | | | | 21 |
| | | | | 28 |
| | possible configuration | | Ø.Ø63ØØ.ØØ 10 | |










bezel with AVS system | solid bezel

IP20 IP23/43 | 850° | g 685 | ø 150

**1x150W H/mm 160**

| HALO | QT-32 (E27) mains voltage | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | ▲ | |
| | Ø.Ø63Ø6.ØØ | Ø.Ø6337.ØØ | 64° | 10 |
| **1x150W H/mm 200** | | | | 21 |
| | Ø.Ø6332.ØØ | Ø.Ø6338.ØØ | 88° | 28 |
| | possible configuration | | Ø.Ø63Ø6.ØØ 10 | |

FOOD FILTERS

Accessories (pg. 331).

FOOD FILTERS

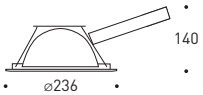
Accessories (pg. 331).

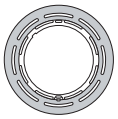
## Fixed recessed luminaire with control gear technology for metal halide lamps

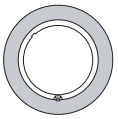
10 21 28

Special finishes:
**.01** chrome **.02** satin matt chrome **.05** gold plated
contact manufacturer for more details







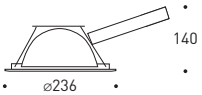
bezel with AVS system | solid bezel

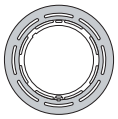
IP20 IP23/43 | 850° | g 886 | ø 220

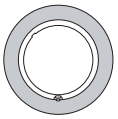
1x150W

| MH | HIT-DE (RX7s) HPF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | ▲ | |
| | Ø.**Ø677Ø**.EV | Ø.**Ø6774.**EV | 60° | 10<br>21<br>28 |
| | possible configuration | | Ø.Ø677Ø.EV 10 | |







bezel with AVS system | solid bezel

IP20 IP23/43 | 850° | g 1067 | ø 220

1x20W

| MH | CDM-T (G12) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | ▲ | |
| | Ø.**Ø6855.**ØØ | Ø.**Ø6858.**ØØ | 44° | 10<br>21<br>28 |

1x35W

| MH | CDM-T (G12) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | ▲ | |
| | Ø.**Ø6749.**ØØ | Ø.**Ø68Ø8.**ØØ | 44° | 10<br>21<br>28 |

1x150W

| MH | CDM-T (G12) HPF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | ▲ | |
| | Ø.**Ø6751.**EV | Ø.**Ø6818.**EV | 50° | 10<br>21<br>28 |
| | possible configuration | | Ø.Ø6855.ØØ 10 | |

FOOD FILTERS GLASS

Accessories (pg. 331).

FOOD FILTERS GLASS

Accessories (pg. 331).

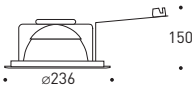
REGGIANI

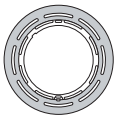
## Fixed recessed luminaire with control gear technology for metal halide lamps and halogen lamps

10 21 28

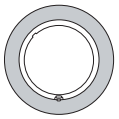
Special finishes:
**.01** chrome **.02** satin matt chrome **.05** gold plated
contact manufacturer for more details





bezel with AVS system



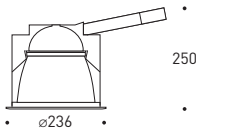
solid bezel

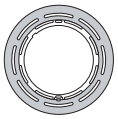
IP20 IP23/43 | 850° | g 911 | ø 220

1x230W

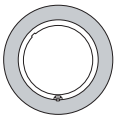
| HALO | QT-DE (R7s) mains voltage | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø634Ø.ØØ | Ø.Ø6347.ØØ | 74° | 10<br>21<br>28 |
| possible configuration | | | Ø.Ø634Ø.ØØ 10 | |





bezel with AVS system



solid bezel

IP20 IP23/43 | 850° | g 1380 | ø 220

1x70W

| MH | HIT-DE (RX7s) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6791.ØØ | Ø.Ø6793.ØØ | 60° | 10<br>21<br>28 |

1x150W

| MH | HIT-DE (RX7s) HPF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6782.EV | Ø.Ø6733.EV | 60° | 10<br>21<br>28 |

1x150W

| MH | HIT-DE (RX7s) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6792.ØØ | Ø.Ø6794.ØØ | 60° | 10<br>21<br>28 |

1x230W

| HALO | QT-DE (R7s) mains voltage | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.Ø6326.ØØ | Ø.Ø6356.ØØ | 62° | 10<br>21<br>28 |
| possible configuration | | | Ø.Ø6846.ØØ 10 | |

FOOD | FILTERS

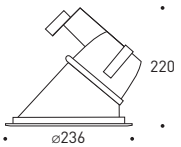
Accessories (pg. 331).

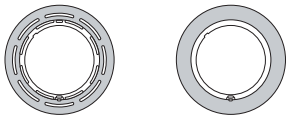
## Fixed recessed luminaire with WALL WASHER optics and control gear technology for metal halide lamps

10 21 28

Special finishes:
**.01** chrome **.02** satin matt chrome **.05** gold plated
contact manufacturer for more details





bezel with AVS system | solid bezel

IP20 IP23/23 | 850° | g 1072 | ø 220

**1x20W**

| MH | CDM-T (G12) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.**Ø6856**.ØØ | Ø.**Ø6859**.ØØ | asymmetric | 10 / 21 / 28 |

**1x35W**

| MH | CDM-T (G12) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.**Ø6783**.ØØ | Ø.**Ø6824**.ØØ | asymmetric | 10 / 21 / 28 |

**1x70W**

| MH | CDM-T (G12) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.**Ø6784**.ØØ | Ø.**Ø6825**.ØØ | asymmetric | 10 / 21 / 28 |

**1x70W**

| MH | HIT-DE (RX7s) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.**Ø6756**.ØØ | Ø.**Ø6826**.ØØ | asymmetric | 10 / 21 / 28 |

**1x150W**

| MH | HIT-DE (RX7s) HPF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | bezel with AVS system | solid bezel | | |
| | Ø.**Ø6757**.EV | Ø.**Ø6827**.EV | asymmetric | 10 / 21 / 28 |
| | possible configuration | | Ø.Ø6856.ØØ 10 | |

GLASS

Accessories (pg. 331).

# Accessories

| SUPERTECHNE ø 150 | details | reference | finish reference |
|---|---|---|---|
| FOOD | selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | Ø.Ø**6933**.ØØ | 64 |
| | | Ø.Ø**6933**.ØØ | 65 |
| | | Ø.Ø**6933**.ØØ | 66 |
| | | Ø.Ø**6933**.ØØ | 67 |
| FILTERS | safety filters<br><br>shield finish:<br>**79** anti UV<br>**80** clear<br>**81** matt | Ø.Ø**6933**.ØØ | 79 |
| | | Ø.Ø**6933**.ØØ | 80 |
| | | Ø.Ø**6933**.ØØ | 81 |
| GLASS | image glass<br><br>glass finishes:<br>**72** matt centre<br>**73** clear centre<br>**80** clear | Ø.Ø**693Ø**.ØØ | 72 |
| | | Ø.Ø**693Ø**.ØØ | 73 |
| | | Ø.Ø**693Ø**.ØØ | 80 |
| | glass cylinder<br><br>glass finishes:<br>**81** matt | Ø.Ø**698Ø**.ØØ | 81 |
| | anti-glare louvre | Ø.Ø**6963**.ØØ | 21 |
| | container for concrete ceilings<br><br>sizes in mm:<br>Ø460 x h 151 mm | Ø.Ø**3865**.ØØ | 00 |
| | possible configuration | Ø.12345.ØØ | 10 |

| SUPERTECHNE ø 220 | details | reference | finish reference |
|---|---|---|---|
| FOOD | selective filters<br><br>shield finish:<br>**65** light blue<br>**66** orange<br>**67** pink | Ø.Ø**6934**.ØØ | 65 |
| | | Ø.Ø**6934**.ØØ | 66 |
| | | Ø.Ø**6934**.ØØ | 67 |
| FILTERS | safety filters<br><br>shield finish:<br>**79** anti UV<br>**80** clear<br>**81** matt | Ø.Ø**6934**.ØØ | 79 |
| | | Ø.Ø**6934**.ØØ | 80 |
| | | Ø.Ø**6934**.ØØ | 81 |
| GLASS | image glass<br><br>glass finishes:<br>**72** matt centre<br>**73** clear centre<br>**80** clear | Ø.Ø**6931**.ØØ | 72 |
| | | Ø.Ø**6931**.ØØ | 73 |
| | | Ø.Ø**6931**.ØØ | 80 |
| | anti-glare louvre | Ø.Ø**6964**.ØØ | 21 |
| | container for concrete ceilings<br><br>sizes in mm:<br>Ø460 x h 151 mm | Ø.Ø**3866**.ØØ | 00 |

| SUPERTECHNE ø 242 | details | reference | finish reference |
|---|---|---|---|
| GLASS | image glass<br><br>glass finishes:<br>**72** matt centre<br>**73** clear centre<br>**80** clear | Ø.Ø**6932**.ØØ | 72 |
| | | Ø.Ø**6932**.ØØ | 73 |
| | | Ø.Ø**6932**.ØØ | 80 |
| | possible configuration | Ø.12345.ØØ | 10 |

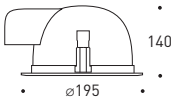




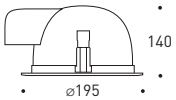
# MIMO
## fixed recessed luminaire

## Round, fixed recessed luminaire with remote driver for compact fluorescent lamps and control gear technology








IP20 IP44 | 850° | g 2108 | ø 185

### PRISMATIC SHIELD

| | | | |
|---|---|---|---|
| 1x18W | | | |
| FLU | TC-DE (G24q-2) HF control gear | beam width | finish reference |
| | Ø.**Ø7Ø14**.ØØ | 82° - 114° | 10 |
| 1x26W | | | |
| FLU | TC-DE (G24q-3) HF control gear | beam width | finish reference |
| | Ø.**Ø7Ø18**.ØØ | 84° - 114° | 10 |
| 2x13W | | | |
| FLU | TC-DE (G24q-1) HF control gear | beam width | finish reference |
| | Ø.**Ø7Ø13**.ØØ | 80° - 106° | 10 |
| 2x18W | | | |
| FLU | TC-DE (G24q-2) HF control gear | beam width | finish reference |
| | Ø.**Ø7Ø15**.ØØ | 82° - 104° | 10 |
| | HF control gear with emergency pack | | |
| | Ø.**Ø7Ø47**.ØØ | 82° - 88° | |
| 2x26W | | | |
| FLU | TC-DE (G24q-2) HF control gear | beam width | finish reference |
| | Ø.**Ø7Ø16**.ØØ | 84° - 110° | 10 |
| | HF control gear with emergency pack | | |
| | Ø.**Ø7Ø48**.ØØ | 76° - 88° | |
| | possible configuration | Ø.Ø7Ø14.ØØ 10 | |

GLASS

Accessories (pg. 338).

IP20 IP44 | 850° | g 583 | ø 185

### INTEGRAL SHIELD

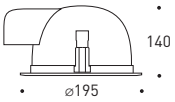
| | | | |
|---|---|---|---|
| 1x18W | | | |
| FLU | TC-DE (G24q-2) HF control gear | beam width | finish reference |
| | Ø.**Ø4894**.ØØ | 82° - 114° | 10 |
| 1x26W | | | |
| FLU | TC-DE (G24q-3) HF control gear | beam width | finish reference |
| | Ø.**Ø4898**.ØØ | 84° - 114° | 10 |
| 2x13W | | | |
| FLU | TC-DE (G24q-1) HF control gear | beam width | finish reference |
| | Ø.**Ø4893**.ØØ | 80° - 106° | 10 |
| 2x18W | | | |
| FLU | TC-DE (G24q-2) HF control gear | beam width | finish reference |
| | Ø.**Ø4895**.ØØ | 82° - 104° | 10 |
| | HF control gear with emergency pack | | |
| | Ø.**Ø4869**.ØØ | 82° - 88° | |
| 2x26W | | | |
| FLU | TC-DE (G24q-2) HF control gear | beam width | finish reference |
| | Ø.**Ø4896**.ØØ | 84° - 110° | 10 |
| | HF control gear with emergency pack | | |
| | Ø.**Ø4858**.ØØ | 76° - 88° | |
| | possible configuration | Ø.Ø4894.ØØ 10 | |

GLASS

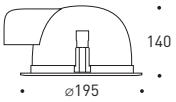
Accessories (pg. 338).

## Round, fixed recessed luminaire with remote driver for compact fluorescent lamps








IP20 IP44 | 850° | g 2479 | ø 185

**PRISMATIC SHIELD**

1x32W

| FLU | TC-TE (GX24q-3) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø7Ø19**.ØØ | 86° - 104° | 10 |
| | possible configuration | Ø.Ø7Ø19.ØØ | 10 |

IP20 IP44 | 850° | g 2479 | ø 185

**INTEGRAL SHIELD**

1x32W

| FLU | TC-TE (GX24q-3) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø4899**.ØØ | 86° - 104° | 10 |
| | possible configuration | Ø.Ø4899.ØØ | 10 |

GLASS

Accessories (pg. 338).

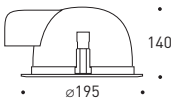
GLASS

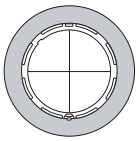
Accessories (pg. 338).

## Round, fixed recessed luminaire with remote driver for for compact fluorescent lamps

10





Anti-glare
cross-blade louvre

IP20 IP23 | 850° | g 584 | ø 185

### ANTI-GLARE CROSS-BLADE LOUVRE

2x13W

| FLU | TC-DE (G24q-1) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø7Ø73**.ØØ | | 104° | 10 |

2x18W

| FLU | TC-DE (G24q-2) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø7Ø75**.ØØ | | 104° | 10 |
| HF control gear with emergency pack | | | |
| Ø.**Ø7Ø87**.ØØ | | 82° | |

2x26W

| FLU | TC-DE (G24q-3) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø7Ø77**.ØØ | | 104° | 10 |
| HF control gear with emergency pack | | | |
| Ø.**Ø7Ø88**.ØØ | | 74° | |

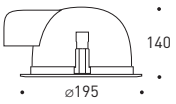
1x32W

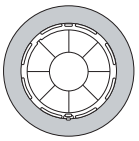
| FLU | TC-TE (GX24q-3) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø7Ø15**.ØØ | | 114° | 10 |
| possible configuration | | Ø.Ø7Ø73.ØØ 10 | |

GLASS

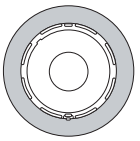
Accessories (pg. 338).





Anti-glare
turbo louvre



Anti-glare
cone louvre

IP20 IP23 | 850° | g 1012 | ø 185

### ANTI-GLARE TURBO LOUVRE / ANTI-GLARE CONE LOUVRE

2x13W

| FLU | TC-DE (G24q-1) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | Anti-glare turbo louvre | Anti-glare cone louvre | | |
| | Ø.**27Ø30**.ØØ | Ø.**27Ø20**.ØØ | 102° | 10 |

2x18W

| FLU | TC-DE (G24q-2) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | Anti-glare turbo louvre | Anti-glare cone louvre | | |
| | Ø.**27Ø32**.ØØ | Ø.**27Ø22**.ØØ | 102° | 10 |
| HF control gear with emergency pack | | | | |
| | Ø.**27Ø34**.ØØ | Ø.**27Ø24**.ØØ | 102° | |

2x26W

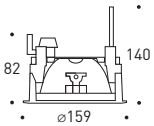
| FLU | TC-DE (G24q-3) HF control gear | | beam width | finish reference |
|---|---|---|---|---|
| | Anti-glare turbo louvre | Anti-glare cone louvre | | |
| | Ø.**27Ø36**.ØØ | Ø.**27Ø26**.ØØ | 102° | 10 |
| HF control gear with emergency pack | | | | |
| | Ø.**27Ø38**.ØØ | Ø.**27Ø28**.ØØ | 102° | |
| possible configuration | | Ø.27Ø3Ø.ØØ 10 | | |

GLASS

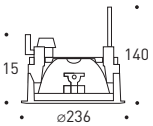
Accessories (pg. 338).

## Fixed recessed luminaire with control gear technology for metal halide lamps








IP20 IP23 | 850° | g 454 | ø 150

1x70W

| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.Ø4855.ØØ | 74° | 10 |
| | possible configuration | Ø.Ø4855.ØØ 10 | |

IP20 IP23 | 850° | g 1136 | ø 220

1x70W

| MH | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.Ø4863.ØØ | 76° | 10 |
| | possible configuration | Ø.Ø4863.ØØ 10 | |

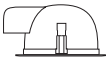
FILTERS | MOLLE

Accessories (pg. 339).

FILTERS | MOLLE

Accessories (pg. 339).

## Accessories
compact fluorescent lamps



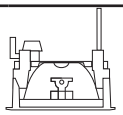
| **MIMO** | ø 185 | details | reference | finish reference |
|---|---|---|---|---|
| GLASS | | image glass, clear centre | Ø.Ø**6967**.ØØ | 10 |
| | | | | 01 |
| | | | | 21 |
| | | | | 28 |
| | | | | 05 |
| GLASS | | image glass, matt centre | Ø.Ø**6977**.ØØ | 10 |
| | | | | 01 |
| | | | | 21 |
| | | | | 28 |
| | | | | 05 |
| | | container for concrete ceilings<br><br>sizes in mm:<br>Ø421 x h 151 mm | Ø.Ø**3867**.ØØ | 00 |
| | | possible configuration | Ø.Ø**6967**.ØØ | 10 |

## Accessories
metal halide lamps



| MIMO | ø 150 | details | reference | finish reference |
|---|---|---|---|---|
| FILTERS | | protection filters | Ø.Ø**6938**.ØØ | 79 |
| | | shield finish:<br>**79** anti UV<br>**80** clear<br>**81** matt | Ø.Ø**6938**.ØØ<br>Ø.Ø**6938**.ØØ | 80<br>81 |
| | | anti-glare attachment | Ø.Ø**8170**.ØØ | 21 |
| | | barn doors | Ø.Ø**8172**.ØØ | 21 |
| | | louvre | Ø.Ø**8174**.ØØ | 21 |
| MOLLE | | special spring clips for thin false ceilings | Ø.Ø**1988**.ØØ | 00 |
| | | possible configuration | Ø.Ø6938.ØØ 79 | |

## Accessories
metal halide lamps



| MIMO | ø 220 | details | reference | finish reference |
|---|---|---|---|---|
| FILTERS | | protection filters | Ø.Ø**6939**.ØØ | 79 |
| | | shield finish:<br>**79** anti UV<br>**80** clear<br>**81** matt | Ø.Ø**6939**.ØØ<br>Ø.Ø**6939**.ØØ | 80<br>81 |
| | | anti-glare attachment | Ø.Ø**8171**.ØØ | 21 |
| | | barn doors | Ø.Ø**8173**.ØØ | 21 |
| | | louvre | Ø.Ø**8175**.ØØ | 21 |
| MOLLE | | special spring clips for thin false ceilings | Ø.Ø**1988**.ØØ | 00 |
| | | possible configuration | Ø.Ø6939.ØØ 79 | |





# DOWNSPOT

## adjustable recessed luminaire

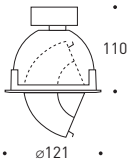
design by: **Fabio Reggiani**

## Adjustable recessed luminaire for low voltage halogen lamps with built-in reflector and metal halide lamps

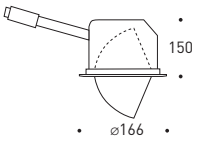
10 21 28

Special finishes:
**.01** chrome **.02** satin matt chrome **.05** gold plated
contact manufacturer for more details








IP20 IP23 | 850° | 60° | 356° | g 259 | ø 105

1x20/35/50 W

| HALO | QR-CB (GU5.3) | lamp with built-in reflector | finish reference |
|---|---|---|---|
| Ø.Ø8Ø11.ØØ | | / | 10 21 28 |
| possible configuration | | Ø.Ø8Ø11.ØØ 10 | |

IP20 IP20 | 850° | 60° | 356° | g 0000 | ø 154

1x35W

| MH | CDM-T (G12) HF | beam width | finish reference |
|---|---|---|---|
| Ø.Ø843Ø.ØØ | | 64° | 10 21 28 |

1x70W

| MH | CDM-T (G12) HF | beam width | finish reference |
|---|---|---|---|
| Ø.Ø8431.ØØ | | 12° | 10 21 28 |

1x70W

| MH | CDM-T (G12) HF | beam width | finish reference |
|---|---|---|---|
| Ø.Ø8432.ØØ | | 44° | 10 21 28 |

1x70W

| MH | CDM-T (G12) HF | beam width | finish reference |
|---|---|---|---|
| Ø.Ø8433.ØØ | | 66° | 10 21 28 |
| possible configuration | | Ø.Ø843Ø.ØØ 10 | |

FOOD FILTERS

Accessories (pg. 343).

Accessories (pg. 343).

# Accessories
## halogen lamps / metal halide lamps

| DOWNSPOT ø 105 | details | reference | finish reference |
|---|---|---|---|
| | dichroic filters<br><br>shield finish:<br>**74** blue<br>**75** green<br>**76** yellow<br>**77** red | Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ | 74<br>75<br>76<br>77 |
| | barn doors | Ø.Ø**1914**.ØØ | 21 |
| | anti-glare attachment | Ø.Ø**1946**.ØØ | 21 |
| | wing framing projector (round, square or rectangular light frames) | Ø.Ø**1912**.ØØ | 21 |
| | round framing projector | Ø.Ø**1913**.ØØ | 21 |
| | container for concrete ceilings<br><br>sizes in mm:<br>Ø263 x h 151 mm | Ø.Ø**3863**.ØØ | 00 |
| | possible configuration | Ø.12345.ØØ | 10 |

| DOWNSPOT ø 154 | details | reference | finish reference |
|---|---|---|---|
| | dichroic filters<br><br>shield finish:<br>**74** blue<br>**75** green<br>**76** yellow<br>**77** red | Ø.Ø**6942**.ØØ<br>Ø.Ø**6942**.ØØ<br>Ø.Ø**6942**.ØØ<br>Ø.Ø**6942**.ØØ | 74<br>75<br>76<br>77 |
| FOOD | selective filters<br><br>shield finish:<br>**65** light blue<br>**66** orange<br>**67** pink | Ø.Ø**6938**.ØØ<br>Ø.Ø**6938**.ØØ<br>Ø.Ø**6938**.ØØ | 65<br>66<br>67 |
| FILTERS | protection filters<br><br>shield finish:<br>**79** anti UV<br>**80** transparent<br>**81** matt | Ø.Ø**6938**.ØØ<br>Ø.Ø**6938**.ØØ<br>Ø.Ø**6938**.ØØ | 79<br>80<br>81 |
| | anti-glare attachment | Ø.Ø**8170**.ØØ | 21 |
| | barn doors | Ø.Ø**8172**.ØØ | 21 |
| | louvre | Ø.Ø**8174**.ØØ | 21 |
| | container for concrete ceilings<br><br>sizes in mm:<br>Ø460 x h 151 mm | Ø.Ø**3865**.ØØ | 00 |
| | possible configuration | Ø.12345.ØØ | 10 |



# LOW VOLTAGE / BIJOU / SPLASH

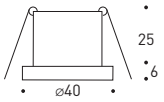
## fixed / adjustable projector

## Fixed and adjustable solid brass recessed luminaire for low voltage halogen lamps

10 21 28

Special finishes:
**.01** chrome **.02** satin matt chrome **.05** gold plated
contact manufacturer for more details





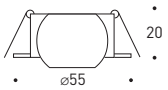

IP20 IP20 | 850° | g 184 | ø 33

1x20W

| HALO | QT (G4) lamp with built-in reflector | finish reference |
|---|---|---|
| Ø.Ø37Ø7.ØØ | | 10 21 28 |
| possible configuration | Ø.Ø37Ø7.ØØ 10 | |

FILTERS





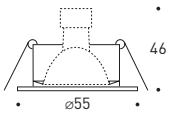

IP20 IP20 | 850° | 20° | g 330 | ø 46

1x20W

| HALO | QT (G4) lamp with built-in reflector | finish reference |
|---|---|---|
| Ø.Ø2ØØØ.ØØ | | 10 21 28 |
| possible configuration | Ø.Ø2ØØØ.ØØ 10 | |

FILTERS





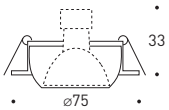

IP20 IP43 | 850° | g 113 | ø 43

1x20/35W

| HALO | QR-CB (GU4) lamp with built-in reflector | finish reference |
|---|---|---|
| Ø.Ø37Ø9.ØØ | | 10 21 28 |
| possible configuration | Ø.Ø37Ø9.ØØ 10 | |

FILTERS






IP20 IP43 | 850° | 28° | g 214 | ø 65

1x20/35W

| HALO | QR-CB (GU4) lamp with built-in reflector | finish reference |
|---|---|---|
| Ø.Ø2Ø01.ØØ | | 10 21 28 |
| possible configuration | Ø.Ø2Ø01.ØØ 10 | |

FILTERS

Accessories (pg. 355).

Accessories (pg. 355).



CE

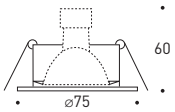
REGGIANI

## Fixed and adjustable solid brass recessed luminaire for low voltage halogen lamps with dichroic reflector

10 21 28

Special finishes:
**.01** chrome **.02** satin matt chrome **.05** gold plated
contact manufacturer for more details



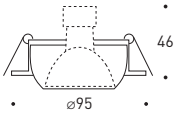



IP20 IP43 | 850° | g 208 | ø 65

1x20/35/50W

| HALO | QR-CB (GU5.3) lamp with built-in reflector | finish reference |
|---|---|---|
| | Ø.**Ø3711**.ØØ | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.**Ø3711**.ØØ 10 | |



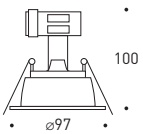



IP20 IP43 | 850° | 28° | g 338 | ø 82

1x20/35/50W

| HALO | QR-CB (GU5.3) lamp with built-in reflector | finish reference |
|---|---|---|
| | Ø.**Ø2Ø02**.ØØ | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.**Ø2Ø02**.ØØ 10 | |






IP20 IP43 | 850° | g 283 | ø 82

**COMFORT**

1x20/35/50W

| HALO | QR-CB (GU5.3) lamp with built-in reflector | finish reference |
|---|---|---|
| | Ø.**Ø2Ø09**.ØØ | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.**Ø2Ø09**.ØØ 10 | |

Accessories (pg. 355).

Accessories (pg. 355).



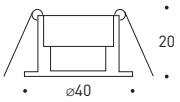
CE

## Fixed and adjustable recessed luminaire for low voltage halogen lamps

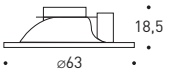
10 21 28

Special finishes:
**.01** chrome **.02** satin matt chrome **.05** gold plated
contact manufacturer for more details








IP20 IP20 | 850° | g 86 | ø 33

1x20W

| HALO | QT (G4) lamp with built-in reflector | finish reference |
|---|---|---|
| Ø.Ø3718.ØØ | | 10 21 28 |
| possible configuration | Ø.Ø3718.ØØ 10 | |

FILTERS

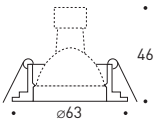
IP20 IP20 | 850° | g 109 | ø 58

1x20W

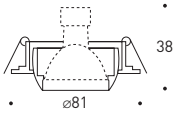
| HALO | QT (G4) lamp with built-in reflector | finish reference |
|---|---|---|
| Ø.Ø4874.ØØ | | 10 21 28 |
| possible configuration | Ø.Ø4874.ØØ 10 | |

FILTERS








IP20 IP23 | 850° | g 79 | ø 55

1x20/35W

| HALO | QR-CB (GU4) lamp with built-in reflector | finish reference |
|---|---|---|
| Ø.Ø77Ø9.ØØ | | 10 21 28 |
| possible configuration | Ø.Ø77Ø9.ØØ 10 | |

FILTERS

IP20 IP23 | 850° | 26° | g 156 | ø 73

1x20/35W

| HALO | QR-CB (GU4) lamp with built-in reflector | finish reference |
|---|---|---|
| Ø.Ø2Ø07.ØØ | | 10 21 28 |
| possible configuration | Ø.Ø2Ø07.ØØ 10 | |

FILTERS

Accessories (pg. 356).

Accessories (pg. 356).



CE

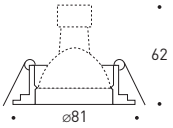
REGGIANI

## Fixed and adjustable recessed luminaire for low voltage halogen lamps with dichroic reflector

10 21 28

Special finishes:
**.01** chrome **.02** satin matt chrome **.05** gold plated
contact manufacturer for more details



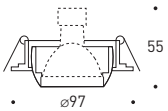



IP20 IP23 | 850° | g 110 | ø 73

1x20/35/50W

| HALO | QR-CB (GU5.3) lamp with built-in reflector | finish reference |
|---|---|---|
| Ø.**Ø7711**.ØØ | | 10 21 28 |
| possible configuration | Ø.**Ø7711**.ØØ | 10 |



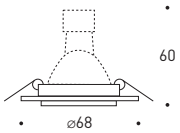



IP20 IP23 | 850° | 28° | g 217 | ø 89

1x20/35/50W

| HALO | QR-CB (GU5.3) lamp with built-in reflector | finish reference |
|---|---|---|
| Ø.**Ø2Ø8**.ØØ | | 10 21 28 |
| possible configuration | Ø.**Ø2Ø8**.ØØ | 10 |



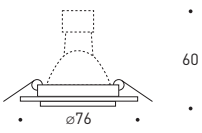



IP20 IP43 | 850° | g 78 | ø 60

1x20/35/50W

| HALO | QR-CB (GU5.3) lamp with built-in reflector | finish reference |
|---|---|---|
| Ø.**Ø379Ø**.ØØ | | 10 21 28 |
| possible configuration | Ø.**Ø379Ø**.ØØ | 10 |






IP20 IP43 | 850° | g 105 | ø 65

1x20/35/50W

| HALO | QR-CB (GU5.3) lamp with built-in reflector | finish reference |
|---|---|---|
| Ø.**Ø3789**.ØØ | | 10 21 28 |
| possible configuration | Ø.**Ø3789**.ØØ | 10 |

Accessories (pg. 356).

Accessories (pg. 356).



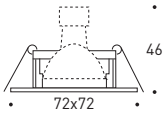
CE

## Fixed and adjustable recessed luminaire for low voltage halogen lamps with dichroic reflector

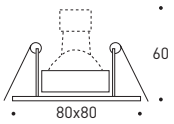
10 21 28

Special finishes:
**.01** chrome **.02** satin matt chrome **.03** brass/solid bronze
contact manufacturer for more details








IP20 IP23 | III | 850° | 30° | g 114 | ø 66

1x20/35W

| HALO | QR-CB (GU4) lamp with built-in reflector | finish reference |
|---|---|---|
| | Ø.**Ø37Ø1**.ØØ | 10 21 28 |
| possible configuration | Ø.**Ø37Ø1**.ØØ 10 | |

FILTERS

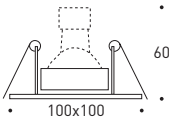
IP20 IP44 | III | 850° | g 213 | ø 60

1x20/35/50W

| HALO | QR-CB (GU5.3) lamp with built-in reflector | finish reference |
|---|---|---|
| | Ø.**Ø3991**.ØØ | 10 21 28 |
| possible configuration | Ø.**Ø3991**.ØØ 10 | |








IP20 IP23 | III | 850° | 32° | g 215 | ø 90

1x20/35/50W

| HALO | QR-CB (GU5.3) lamp with built-in reflector | finish reference |
|---|---|---|
| | Ø.**Ø37Ø2**.ØØ | 10 21 28 |
| possible configuration | Ø.**Ø37Ø2**.ØØ 10 | |

IP20 IP23 | III | 850° | 30° | g 101 | ø 90

**RETRACTED TILTING OPTICS**

1x20/35/50W

| HALO | QR-CB (GU5.3) lamp with built-in reflector | finish reference |
|---|---|---|
| | Ø.**Ø3992**.ØØ | 10 21 28 |
| possible configuration | Ø.**Ø3992**.ØØ 10 | |

Accessories (pg. 356).

Accessories (pg. 356).



CE

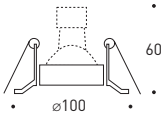
REGGIANI

## Fixed and adjustable recessed luminaire for low voltage halogen lamps with dichroic reflector

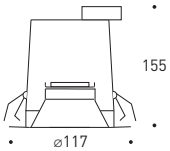
10 21 28

Special finishes:
**.01** chrome **.03** brass/solid bronze
contact manufacturer for more details








IP20 IP23 | III | 850° | 32° | g 139 | ø 90

**RETRACTED TILTING OPTICS**

1x20/35/50W

| HALO | QR-CB (GU5.3) lamp with built-in reflector | finish reference |
|---|---|---|
| | Ø.**Ø376Ø**.ØØ | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.**Ø376Ø**.ØØ 10 | |

IP20 IP20 | III | 850° | g 186 | ø 105

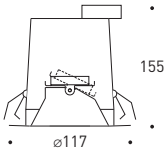
**COMFORT**

1x20/35/50W

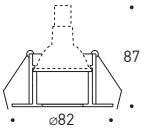
| HALO | QR-CB (GU5.3) lamp with built-in reflector | finish reference |
|---|---|---|
| | Ø.**Ø342Ø**.ØØ | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.**Ø342Ø**.ØØ 10 | |

FILTERS








IP20 IP20 | III | 850° | 25° | g 192 | ø 105

**COMFORT TILTING OPTICS**

1x20/35/50W

| HALO | QR-CB (GU5.3) lamp with built-in reflector | finish reference |
|---|---|---|
| | Ø.**Ø343Ø**.ØØ | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.**Ø343Ø**.ØØ 10 | |

IP20 IP20 | III | 850° | g 179 | ø 66

**COMFORT**

1x20/35/50W

| HALO | QR-CB (GU5.3) lamp with built-in reflector | finish reference |
|---|---|---|
| | Ø.**Ø3758**.ØØ | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.**Ø3758**.ØØ 10 | |



Accessories (pg. 356).

Accessories (pg. 356).



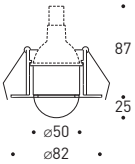
CE

## Fixed and adjustable recessed luminaire for low voltage halogen lamps with dichroic reflector

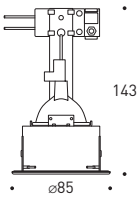
10 21 28

Special finishes:
**.01** chrome **.03** brass/solid bronze
contact manufacturer for more details








IP20 IP43 | III | 850° | g 179 | ø 66

**GLASS DIFFUSER**

1x20/35/50W

| HALO | QR-CB (GU5.3) lamp with built-in reflector | finish reference |
|---|---|---|
| Ø.Ø3418.ØØ | | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.Ø3418.ØØ 10 | |

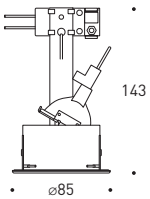
IP20 IP20 | III | 850° | g 188 | ø 73

1x20/35/50W

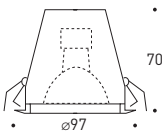
| HALO | QR-CB (GU5.3) lamp with built-in reflector | finish reference |
|---|---|---|
| Ø.Ø3475.ØØ | | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.Ø3475.ØØ 10 | |

FILTERS








IP20 IP20 | III | 850° | 30° | 356° | g 216 | ø 73

1x20/35/50W

| HALO | QR-CB (GU5.3) lamp with built-in reflector | finish reference |
|---|---|---|
| Ø.Ø3476.ØØ | | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.Ø3476.ØØ 10 | |

FILTERS

Accessories (pg. 356).

IP20 IP43 | III | 850° | g 145 | ø 86

1x20/35/50W

| HALO | QR-CB (GU5.3) lamp with built-in reflector | finish reference |
|---|---|---|
| Ø.Ø37Ø4.ØØ | | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.Ø37Ø4.ØØ 10 | |

FILTERS

Accessories (pg. 356).



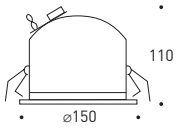
CE

REGGIANI

## Fixed and adjustable recessed luminaire for low voltage halogen lamps with dichroic reflector






IP20 IP20 | III | 850° | 45° | g 524 | ø 137

**WITH BACK HOUSING**

1x20/35/50W

| HALO | QR-CB (GU5.3) lamp with built-in reflector | finish reference |
|---|---|---|
| | Ø.**Ø3714.**ØØ | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.**Ø3714.**ØØ 10 | |

Accessories (pg. 356).

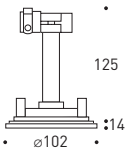


CE

## Fixed recessed luminaire for low voltage halogen lamps

80 81 82 83





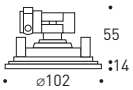

IP20 IP65 | 850° | g 338 | ø 86

1x20/35W

| HALO | QR-CB (GU4) lamp with built-in reflector | finish reference |
|---|---|---|
| | Ø.**Ø749Ø**.ØØ | 80 |
| | | 81 |
| | | 82 |
| | | 83 |
| possible configuration | Ø.**Ø749Ø**.ØØ 10 | |







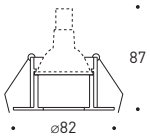

IP20 IP65 | 850° | g 380 | ø 86

1x20W

| HALO | QT (G4) lamp with built-in reflector | finish reference |
|---|---|---|
| | Ø.**Ø7491**.ØØ | 80 |
| | | 81 |
| | | 82 |
| | | 83 |
| possible configuration | Ø.**Ø7491**.ØØ 10 | |








IP20 IP65 | 850° | g 179 | ø 66

1x20/35/50W

| HALO | QR-CB (GU5.3) lamp with built-in reflector | finish reference |
|---|---|---|
| | Ø.**Ø3759**.ØØ | 80 |
| | | 81 |
| | | 82 |
| | | 83 |
| possible configuration | Ø.**Ø3759**.ØØ 10 | |

Accessories (pg. 355).

# Accessories
## halogen lamps

| **BIJOU** | details | reference | finish reference |
|---|---|---|---|
| FILTERS | safety filters<br><br>shield finish:<br>**79** anti UV<br>**81** matt | Ø.Ø**6936**.ØØ<br>Ø.Ø**6936**.ØØ | 79<br>81 |
| ref. **03709-02001** | dichroic filters<br><br>shield finish:<br>**74** blue<br>**75** green<br>**76** yellow<br>**77** red | Ø.Ø**6936**.ØØ<br>Ø.Ø**6936**.ØØ<br>Ø.Ø**6936**.ØØ<br>Ø.Ø**6936**.ØØ | 74<br>75<br>76<br>77 |
| ref. **03711-02002**<br>**02009** | dichroic filters<br><br>shield finish:<br>**74** blue<br>**75** green<br>**76** yellow<br>**77** red | Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ | 74<br>75<br>76<br>77 |
| | reflector aluminium | Ø.Ø**1917**.ØØ | 07 |
| | container<br>for concrete<br>ceilings<br><br>sizes in mm:<br>Ø263 x h 151 mm | Ø.Ø**3860**.ØØ | 00 |
| | possible configuration | Ø.Ø**6936**.ØØ | 79 |

| **SPLASH** | details | reference | finish reference |
|---|---|---|---|
| | anti-theft ring glass | Ø.Ø**7498**.ØØ | 10<br>21 |
| | back housing | Ø.Ø**7499**.ØØ | 79 |
| | possible configuration | Ø.Ø**7498**.ØØ | 10 |

# Accessories
## halogen lamps

| LOW VOLTAGE | details | reference | finish reference |
|---|---|---|---|
| FILTERS ref. **03718-04874** **07709-02007** **03701-03475** **03476** | safety filters<br><br>shield finish:<br>**79** anti UV<br>**81** matt | Ø.Ø**6936**.ØØ<br>Ø.Ø**6936**.ØØ | 79<br>81 |
| FILTERS ref. **03704-03427** | filters<br><br>shield finish:<br>**79** anti UV<br>**81** matt<br>**86** elliptic<br>**87** softener | Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ | 79<br>81<br>86<br>87 |
| ref. **03709-02001** **03701** | dichroic filters<br><br>shield finish:<br>**74** blue<br>**75** green<br>**76** yellow<br>**77** red | Ø.Ø**6936**.ØØ<br>Ø.Ø**6936**.ØØ<br>Ø.Ø**6936**.ØØ<br>Ø.Ø**6936**.ØØ | 74<br>75<br>76<br>77 |
| ref. **07711-02008** **03790-03789** **03991-03702** **03760-03704** **03427** | dichroic filters<br><br>shield finish:<br>**74** blue<br>**75** green<br>**76** yellow<br>**77** red | Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ | 74<br>75<br>76<br>77 |
| ref. **03718-04874** **07709-02007** **03701-03475** **03476** | aluminium reflector | Ø.Ø**1917**.ØØ | 07 |
| ref. **07711-02008** **03790-03789** **03991-03702** **03992-03760** | aluminium reflector | Ø.Ø**1915**.ØØ<br>Ø.Ø**1916**ØØ | 07<br>07 |
| ref. **03701** | container for concrete ceilings<br><br>sizes in mm:<br>Ø263 x h 151 mm | Ø.Ø**3860**.ØØ | 00 |
| ref. **02007-07711** | | Ø.Ø**3861**.ØØ | 00 |
| ref. **03702** | | Ø.Ø**3862**.ØØ | 00 |
| | barn doors (ø 50 mm) with Polyblok | Ø.Ø**1914**.ØØ | 21 |
| possible configuration | | Ø.Ø**6936**.ØØ 79 | |

| LOW VOLTAGE | details | reference | finish reference |
|---|---|---|---|
| | anti-glare attachment (ø 50 mm) with Polyblok | Ø.Ø**1946**.ØØ | 00 |
| | special spring clips for thin false ceilings | Ø.Ø**1987**.ØØ | 00 |
| possible configuration | | Ø.Ø**1946**.ØØ 00 | |



ABSA Bank , Johannesburg - South Africa Bernhard Kristinn Photography

# Ceiling and Wall mounted luminairess


| | |
|---|---|
| Varios | 360 |
| Envios | 388 |
| Roll ios | 396 |
| Hako | 406 |
| Sun luce Sunios | 412 |
| Ione | 428 |
| Cubios | 434 |
| Kyneo | 440 |
| Tobuled | 450 |
| Zerozerouno | 456 |
| Bink | 468 |
| Unisio | 476 |
| Ambar | 486 |
| Revios | 492 |
| Kylios | 502 |
| Kaze | 508 |
| Trisio | 518 |
| Low voltage | 536 |
| Binari | 546 |
| Cyl light | 554 |
| Narancia | 564 |
| Ladder | 572 |



# VARIOS

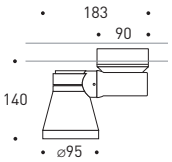
## adjustable projector

design by: **LAPD**

## Adjustable projector for 3-circuit track mounting

10 21 28



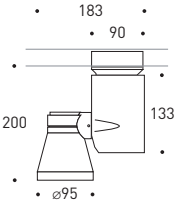



IP20 | IOS | 850° | 356° | 135° | -135° | g 893

13 W — 1500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | CA43 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| | V* | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | D* | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | T** | | K | without optics | | | | | |
| | possible configuration | | | | Ø, CA43, A, HQ, 10 | | | | |






IP20 | IOS | 850° | 356° | 135° | -135° | g 871

13 W — 1500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | DA43 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| | V* | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | D* | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | T** | | K | without optics | | | | | |
| | possible configuration | | | | Ø, DA43, A, HQ, 10 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

LED IOS LL2 | LED IOS LL2 FOOD

Accessories (pg. 385). Components for track (pg. 548-553).
Photometric data (pg. 704-705).

LED IOS LL2 | LED IOS LL2 FOOD

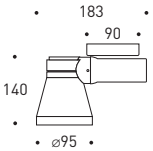
Accessories (pg. 385). Components for track (pg. 548-553).
Photometric data (pg. 704-705).

REGGIANI

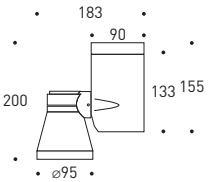
## Adjustable projector for surface mounting

10 21 28








IP20 | IOS | 850° | 356° | 135° | -135° | g 983

13 W — 1500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| Ø | | FA43 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| V* | | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| D* | | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| T** | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø - FA43 - A - HQ - 10 | | | | | | |

IP20 | IOS | 850° | 356° | 135° | -135° | g 951

13 W — 1500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| Ø | | GA43 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| V* | | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| D* | | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| T** | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø - GA43 - A - HQ - 10 | | | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

LED IOS LL2 | LED IOS LL2 FOOD

Accessories (pg. 385).
Photometric data (pg. 704-705).

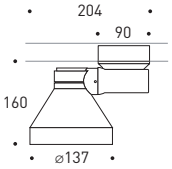
LED IOS LL2 | LED IOS LL2 FOOD

Accessories (pg. 385).
Photometric data (pg. 704-705).

## Adjustable projector for 3-circuit track mounting






IP20 | IOS | 850° | 356° | 135° | -135° | g 1017

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | MA43 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | T** | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . MA43 A . HQ 10 | | | | |

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | MA47 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 3617 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . MA47 A . HQ 10 | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | MA45 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . MA45 A . HQ 10 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

LED IOS LL2 | LED IOS LL2 FOOD

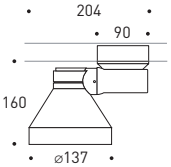
Accessories (pg. 385). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709 / 712-713).

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## Adjustable projector for 3-circuit track mounting

10 21 28






IP20 | IOS | 850° | 356° | 135° | -135° | g 1017

**46 W** — **4500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL7 | | | | | | |
| | Ø | MA49 | N | 14° | HQ | 4147 | 3000 | >90 | 10 |
| | V* | | P | 21° | WW | 5017 | 3000 | >80 | 21 |
| | D* | | Q | 30° | NN | 5196 | 4000 | >80 | 28 |
| | | | R | 36° | | | | | |
| | | | S | 40° | | | | | |
| | | | T | 69° | | | | | |
| | | | U | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . MA49 K . HQ 10 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

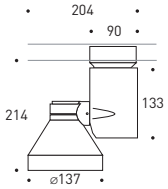
LED IOS LL7 | LED IOS LL7 FOOD

Accessories (pg. 385). Components for track (pg. 548-553).
Photometric data (pg. 738-739).

## Adjustable projector for 3-circuit track mounting






IP20 | IOS | 850° | 356° | 135° | -135° | g 955

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | NA43 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| | V* | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | D* | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | T** | | K | without optics | | | | | |
| possible configuration | | | | | Ø . NA43 A . HQ 10 | | | | |

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | NA47 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 3617 | 3000 | >80 | 21 |
| | V* | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | D* | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . NA47 A . HQ 10 | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | NA45 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| | V* | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | D* | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . NA45 A . HQ 10 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

LED IOS LL2 | LED IOS LL2 FOOD

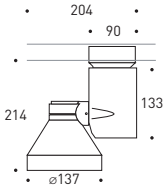
Accessories (pg. 385). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709 / 712-713).

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## Adjustable projector for 3-circuit track mounting

10 21 28






IP20 | IOS | 850° | 356° | 135° | -135° | g 955

**46 W** — **4500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL7 | | | | | | |
| | Ø | NA49 | N | 14° | HQ | 4147 | 3000 | >90 | 10 |
| | V* | | P | 21° | WW | 5017 | 3000 | >80 | 21 |
| | D* | | Q | 30° | NN | 5196 | 4000 | >80 | 28 |
| | | | R | 36° | | | | | |
| | | | S | 40° | | | | | |
| | | | T | 69° | | | | | |
| | | | U | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . NA49 K . HQ 10 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

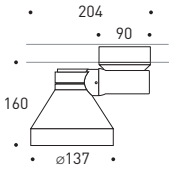
LED IOS LL7 | LED IOS LL7 FOOD

Accessories (pg. 385). Components for track (pg. 548-553).
Photometric data (pg. 738-739).

## Adjustable projector for surface mounting






IP20 | IOS | 850° | 356° | 135° | -135° | g 1116

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | PA43 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | T** | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . PA43 A . HQ 10 | | | | |

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | PA47 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 3617 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . PA47 A . HQ 10 | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | PA45 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . PA45 A . HQ 10 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

LED IOS LL2 | LED IOS LL2 FOOD

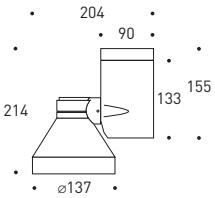
Accessories (pg. 385).
Photometric data (pg. 704-705 / 708-709 / 712-713).

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## Adjustable projector for surface mounting

10 21 28






IP20 IOS 850° 356° 135° -135° g 1024

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | RA43 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | T** | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø, RA43, A, HQ, 10 | | | | | | |

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | RA47 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 3617 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø, RA47, A, HQ, 10 | | | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | RA45 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø, RA45, A, HQ, 10 | | | | | | |

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**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
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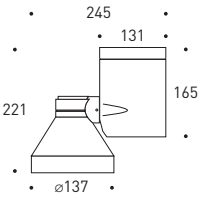
LED IOS LL2 | LED IOS LL2 FOOD

Accessories (pg. 385).
Photometric data (pg. 704-705 / 708-709 / 712-713).

## Adjustable projector for 3-circuit track mounting






IP20 | IOS | 850° | 356° | 135° | -135° | g 1362

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | TA43 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | T** | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø, TA43, A, HQ, 10 | | | | |

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | TA47 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 3617 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø, TA47, A, HQ, 10 | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | TA45 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø, TA45, A, HQ, 10 | | | | |

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**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
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LED IOS LL2 | LED IOS LL2 FOOD

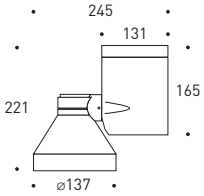
Accessories (pg. 385). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709 / 712-713).

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## Adjustable projector for 3-circuit track mounting

10 21 28






IP20 | IOS | 850° | 356° | 135° | -135° | g 1362

**46 W** — **4500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL7 | | | | | | |
| | Ø | TA49 | N | 14° | HQ | 4147 | 3000 | >90 | 10 |
| | V* | | P | 21° | WW | 5017 | 3000 | >80 | 21 |
| | D* | | Q | 30° | NN | 5196 | 4000 | >80 | 28 |
| | | | R | 36° | | | | | |
| | | | S | 40° | | | | | |
| | | | T | 69° | | | | | |
| | | | U | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . TA49 K . HQ 10 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

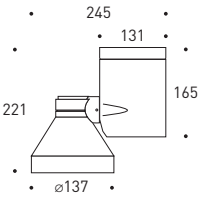
LED IOS LL7 | LED IOS LL7 FOOD

Accessories (pg. 385). Components for track (pg. 548-553).
Photometric data (pg. 738-739).

## Adjustable projector for surface mounting






IP20 | IOS | 850° | 356° | 135° | -135° | g 1422

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | UA43 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | T** | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . UA43 A . HQ 10 | | | | | | |

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | UA47 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 3617 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . UA47 A . HQ 10 | | | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | UA45 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . UA45 A . HQ 10 | | | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

LED IOS LL2 | LED IOS LL2 FOOD

Accessories (pg. 385).
Photometric data (pg. 704-705 / 708-709 / 712-713).

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## Adjustable projector for 3-circuit track mounting

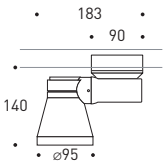








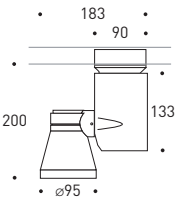





IP20 | IOS | 850° | 356° | 135° | -135° | g 827

| MH IOS | CDM-T G12 | IOS MH3 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.19635.ØØ | | 12° | 10 |
| Ø. 19636.ØØ | | 24° | 21 |
| Ø.19637.ØØ | | 74° | 28 |
| Ø.19638.ØØ | | Mira | |
| **35 W** | | | |
| Ø.19640.ØØ | | 12° | 10 |
| Ø.19641.ØØ | | 22° | 21 |
| Ø.19642.ØØ | | 74° | 28 |
| Ø.19643.ØØ | | Mira | |
| **50 W** | | | |
| Ø.5Ø120.ØØ | | 12° | 10 |
| Ø.5Ø121.ØØ | | 24° | 21 |
| Ø.5Ø122.ØØ | | 74° | 28 |
| Ø.5Ø123.ØØ | | Mira | |
| **70 W** | | | |
| Ø.19645.ØØ | | 14° | 10 |
| Ø.19646.ØØ | | 24° | 21 |
| Ø.19647.ØØ | | 78° | 28 |
| Ø.19648.ØØ | | Mira | |
| possible configuration | | Ø.19635.ØØ 10 | |






IP20 | IOS | 850° | 356° | 135° | -135° | g 810

| MH IOS | CDM-T G12 | IOS MH3 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.19510.ØØ | | 12° | 10 |
| Ø. 19511.ØØ | | 24° | 21 |
| Ø.19512.ØØ | | 74° | 28 |
| Ø.19513.ØØ | | Mira | |
| **35 W** | | | |
| Ø.19515.ØØ | | 12° | 10 |
| Ø.19516.ØØ | | 22° | 21 |
| Ø.19517.ØØ | | 74° | 28 |
| Ø.19518.ØØ | | Mira | |
| **50 W** | | | |
| Ø.5Ø128.ØØ | | 12° | 10 |
| Ø.5Ø129.ØØ | | 24° | 21 |
| Ø.5Ø130.ØØ | | 74° | 28 |
| Ø.5Ø131.ØØ | | Mira | |
| **70 W** | | | |
| Ø.19520.ØØ | | 14° | 10 |
| Ø.19521.ØØ | | 24° | 21 |
| Ø.19522.ØØ | | 78° | 28 |
| Ø.19523.ØØ | | Mira | |
| possible configuration | | Ø.19510.ØØ 10 | |

MH IOS MH3 | MH IOS MH3 FOOD | MH IOS MH3 UV/IR | MH IOS MH3

Accessories (pg. 386). Components for track (pg. 548-553).
Photometric data (pg. 768).

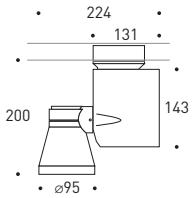
MH IOS MH3 | MH IOS MH3 FOOD | MH IOS MH3 UV/IR | MH IOS MH3

Accessories (pg. 386). Components for track (pg. 548-553).
Photometric data (pg. 768).

## Adjustable projector for 3-circuit track mounting






IP20 | IOS | 850° | 356° | 135° | -135° | g 1322

| MH IOS | CDM-T G12 | IOS MH3 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.2Ø11Ø.ØØ | | 12° | 10 |
| Ø. 2Ø111.ØØ | | 24° | 21 |
| Ø.2Ø112.ØØ | | 74° | 28 |
| Ø.2Ø113.ØØ | | Mira | |
| **35 W** | | | |
| Ø.2Ø116.ØØ | | 12° | 10 |
| Ø.2Ø117.ØØ | | 22° | 21 |
| Ø.2Ø118.ØØ | | 74° | 28 |
| Ø.2Ø119.ØØ | | Mira | |
| **50 W** | | | |
| Ø.5Ø136.ØØ | | 12° | 10 |
| Ø.5Ø137.ØØ | | 24° | 21 |
| Ø.5Ø138.ØØ | | 74° | 28 |
| Ø.5Ø139.ØØ | | Mira | |
| **70 W** | | | |
| Ø.2Ø122.ØØ | | 14° | 10 |
| Ø.2Ø123.ØØ | | 24° | 21 |
| Ø.2Ø124.ØØ | | 78° | 28 |
| Ø.2Ø125.ØØ | | Mira | |
| possible configuration | | Ø.2Ø11Ø.ØØ 10 | |

MH IOS MH3 | MH IOS MH3 FOOD | MH IOS MH3 UV/IR | MH IOS MH3

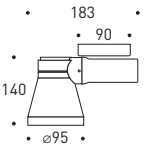
Accessories (pg. 386). Components for track (pg. 548-553).
Photometric data (pg. 768).

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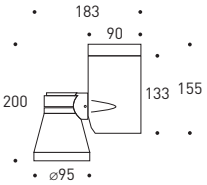
## Adjustable projector for surface mounting

10 21 28








IP20 | IOS | 850° | 356° | 135° | -135° | g 635

| MH IOS | CDM-T G12 | IOS MH3 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.19821.ØØ | | 12° | 10 |
| Ø. 19822.ØØ | | 24° | 21 |
| Ø.19823.ØØ | | 74° | 28 |
| Ø.19824.ØØ | | Mira | |
| **35 W** | | | |
| Ø.19826.ØØ | | 12° | 10 |
| Ø.19827.ØØ | | 22° | 21 |
| Ø.19828.ØØ | | 74° | 28 |
| Ø.19829.ØØ | | Mira | |
| **50 W** | | | |
| Ø.5Ø124.ØØ | | 12° | 10 |
| Ø.5Ø125.ØØ | | 24° | 21 |
| Ø.5Ø126.ØØ | | 74° | 28 |
| Ø.5Ø127.ØØ | | Mira | |
| **70 W** | | | |
| Ø.19831.ØØ | | 14° | 10 |
| Ø.19832.ØØ | | 24° | 21 |
| Ø.19833.ØØ | | 78° | 28 |
| Ø.19834.ØØ | | Mira | |
| possible configuration | | Ø.19821.ØØ 10 | |

MH IOS MH3 | MH IOS MH3 FOOD | MH IOS MH3 UV/IR | MH IOS MH3

Accessories (pg. 386).
Photometric data (pg. 768).

IP20 | IOS | 850° | 356° | 135° | -135° | g 747

| MH IOS | CDM-T G12 | IOS MH3 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.198Ø2.ØØ | | 12° | 10 |
| Ø. 198Ø3.ØØ | | 24° | 21 |
| Ø.198Ø4.ØØ | | 74° | 28 |
| Ø.198Ø5.ØØ | | Mira | |
| **35 W** | | | |
| Ø.198Ø7.ØØ | | 12° | 10 |
| Ø.198Ø8.ØØ | | 22° | 21 |
| Ø.198Ø9.ØØ | | 74° | 28 |
| Ø.1981Ø.ØØ | | Mira | |
| **50 W** | | | |
| Ø.5Ø132.ØØ | | 12° | 10 |
| Ø.5Ø133.ØØ | | 24° | 21 |
| Ø.5Ø134.ØØ | | 74° | 28 |
| Ø.5Ø135.ØØ | | Mira | |
| **70 W** | | | |
| Ø.19812.ØØ | | 14° | 10 |
| Ø.19813.ØØ | | 24° | 21 |
| Ø.19814.ØØ | | 78° | 28 |
| Ø.19815.ØØ | | Mira | |
| possible configuration | | Ø.198Ø2.ØØ 10 | |

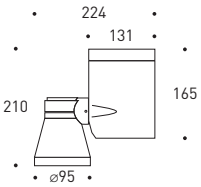
MH IOS MH3 | MH IOS MH3 FOOD | MH IOS MH3 UV/IR | MH IOS MH3

Accessories (pg. 386).
Photometric data (pg. 768).

## Adjustable projector for surface mounting






IP20 | IOS | 850° | 356° | 135° | -135° | g 1223

| MH IOS | CDM-T G12 | IOS MH3 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.2Ø18Ø.ØØ | | 12° | 10 |
| Ø. 2Ø181.ØØ | | 24° | 21 |
| Ø.2Ø182.ØØ | | 74° | 28 |
| Ø.2Ø183.ØØ | | Mira | |
| **35 W** | | | |
| Ø.2Ø186.ØØ | | 12° | 10 |
| Ø.2Ø187.ØØ | | 22° | 21 |
| Ø.2Ø188.ØØ | | 74° | 28 |
| Ø.2Ø189.ØØ | | Mira | |
| **50 W** | | | |
| Ø.5Ø140.ØØ | | 12° | 10 |
| Ø.5Ø141.ØØ | | 24° | 21 |
| Ø.5Ø142.ØØ | | 74° | 28 |
| Ø.5Ø143.ØØ | | Mira | |
| **70 W** | | | |
| Ø.2Ø192.ØØ | | 14° | 10 |
| Ø.2Ø193.ØØ | | 24° | 21 |
| Ø.2Ø194.ØØ | | 78° | 28 |
| Ø.2Ø195.ØØ | | Mira | |
| possible configuration | | Ø.2Ø18Ø.ØØ 10 | |

MH IOS MH3 | MH IOS MH3 FOOD | MH IOS MH3 UV/IR | MH IOS MH3

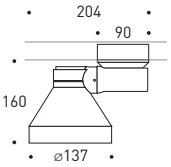
Accessories (pg. 386).
Photometric data (pg. 768).

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## Adjustable projector for 3-circuit track mounting

10 21 28





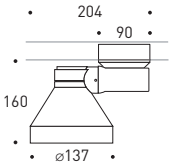

IP20 IOS 850° 356° 135° -135° g 995

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.19650.ØØ | | 14° | 10 |
| Ø. 19651.ØØ | | 22° | 21 |
| Ø.19544.ØØ | | 28° | 28 |
| Ø.19652.ØØ | | 50° | |
| Ø.19653.ØØ | | Mira | |
| **35 W** | | | |
| Ø.19655.ØØ | | 14° | 10 |
| Ø.19656.ØØ | | 22° | 21 |
| Ø.19545.ØØ | | 28° | 28 |
| Ø.19657.ØØ | | 50° | |
| Ø.19658.ØØ | | Mira | |
| **50 W** | | | |
| Ø.5Ø144.ØØ | | 14° | 10 |
| Ø.5Ø145.ØØ | | 22° | 21 |
| Ø.5Ø146.ØØ | | 28° | 28 |
| Ø.5Ø147.ØØ | | 50° | |
| Ø.5Ø148.ØØ | | Mira | |
| **70 W** | | | |
| Ø.19660.ØØ | | 14° | 10 |
| Ø.19661.ØØ | | 22° | 21 |
| Ø.19546.ØØ | | 28° | 28 |
| Ø.19662.ØØ | | 50° | |
| Ø.19663.ØØ | | Mira | |
| possible configuration | | Ø.19650.ØØ 10 | |

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

Accessories (pg. 386). Components for track (pg. 548-553).
Photometric data (pg. 770-771).






IP20 IOS 850° 356° 135° -135° g 877

| HALO IOS | QT-14 G9 | IOS HL5 optics | finish reference |
|---|---|---|---|
| **60 W** | | | |
| Ø.19665.ØØ | | 16° | 10 |
| Ø. 19666.ØØ | | 22° | 21 |
| Ø.19547.ØØ | | 28° | 28 |
| Ø. 19667.ØØ | | 50° | |
| Ø.19668.ØØ | | Mira | |
| possible configuration | | Ø.19665.ØØ 10 | |

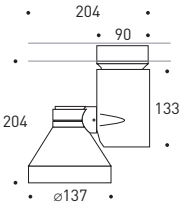
HALO IOS HL5 | HALO IOS HL5 FOOD | HALO IOS HL5 UV/IR | HALO IOS HL5

Accessories (pg. 386). Components for track (pg. 548-553).
Photometric data (pg. 773).

## Adjustable projector for 3-circuit track mounting

10 21 28

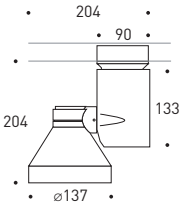





IP20 | IOS | 850° | 356° | 135° | -135° | g 975

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.19550.ØØ | | 14° | 10 |
| Ø. 19551.ØØ | | 22° | 21 |
| Ø.19540.ØØ | | 28° | 28 |
| Ø.19552.ØØ | | 50° | |
| Ø.19553.ØØ | | Mira | |
| **35 W** | | | |
| Ø.19555.ØØ | | 14° | 10 |
| Ø.19556.ØØ | | 22° | 21 |
| Ø.19541.ØØ | | 28° | 28 |
| Ø.19557.ØØ | | 50° | |
| Ø.19558.ØØ | | Mira | |
| **50 W** | | | |
| Ø.50154.ØØ | | 14° | 10 |
| Ø.50155.ØØ | | 22° | 21 |
| Ø.50156.ØØ | | 28° | 28 |
| Ø.50157.ØØ | | 50° | |
| Ø.50158.ØØ | | Mira | |
| **70 W** | | | |
| Ø.19560.ØØ | | 14° | 10 |
| Ø.19561.ØØ | | 22° | 21 |
| Ø.19542.ØØ | | 28° | 28 |
| Ø.19562.ØØ | | 50° | |
| Ø.19563.ØØ | | Mira | |
| possible configuration | | Ø.19550.ØØ 10 | |






IP20 | IOS | 850° | 356° | 135° | -135° | g 919

| HALO IOS | QT-14 G9 | IOS HL5 optics | finish reference |
|---|---|---|---|
| **60 W** | | | |
| Ø.19565.ØØ | | 16° | 10 |
| Ø. 19566.ØØ | | 22° | 21 |
| Ø.19543.ØØ | | 28° | 28 |
| Ø. 19567.ØØ | | 50° | |
| Ø.19568.ØØ | | Mira | |
| possible configuration | | Ø.19565.ØØ 10 | |

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

Accessories (pg. 386). Components for track (pg. 548-553).
Photometric data (pg. 770-771).

HALO IOS HL5 | HALO IOS HL5 FOOD | HALO IOS HL5 UV/IR | HALO IOS HL5

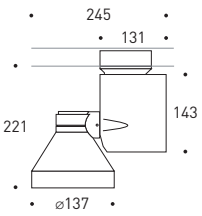
Accessories (pg. 386). Components for track (pg. 548-553).
Photometric data (pg. 773).

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## Adjustable projector for 3-circuit track mounting

10 21 28

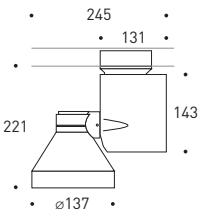





IP20 | IOS | 850° | 356° | 135° | -135° | g 1350

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.2Ø14Ø.ØØ | | 14° | 10 |
| Ø. 2Ø141.ØØ | | 22° | 21 |
| Ø.2Ø144.ØØ | | 28° | 28 |
| Ø.2Ø142.ØØ | | 50° | |
| Ø.2Ø143.ØØ | | Mira | |
| **35 W** | | | |
| Ø.2Ø146.ØØ | | 14° | 10 |
| Ø. 2Ø147.ØØ | | 22° | 21 |
| Ø.2Ø15Ø.ØØ | | 28° | 28 |
| Ø.2Ø148.ØØ | | 50° | |
| Ø. 2Ø149.ØØ | | Mira | |
| **50 W** | | | |
| Ø.5Ø164.ØØ | | 14° | 10 |
| Ø.5Ø165.ØØ | | 22° | 21 |
| Ø.5Ø166.ØØ | | 28° | 28 |
| Ø.5Ø167.ØØ | | 50° | |
| Ø.5Ø168.ØØ | | Mira | |
| **70 W** | | | |
| Ø.2Ø152.ØØ | | 14° | 10 |
| Ø.2Ø153.ØØ | | 22° | 21 |
| Ø.2Ø156.ØØ | | 28° | 28 |
| Ø.2Ø154.ØØ | | 50° | |
| Ø.2Ø155.ØØ | | Mira | |
| possible configuration | | Ø.2Ø14Ø.ØØ 10 | |






IP20 | IOS | 850° | 356° | 135° | -135° | g 1334

| HALO IOS | QT-14 G9 | IOS HL5 optics | finish reference |
|---|---|---|---|
| **60 W** | | | |
| Ø.2Ø16Ø.ØØ | | 16° | 10 |
| Ø. 2Ø161.ØØ | | 22° | 21 |
| Ø.2Ø164.ØØ | | 28° | 28 |
| Ø. 2Ø162.ØØ | | 50° | |
| Ø.2Ø163.ØØ | | Mira | |
| possible configuration | | Ø.2Ø16Ø.ØØ 10 | |

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

Accessories (pg. 386). Components for track (pg. 548-553).
Photometric data (pg. 770-771).

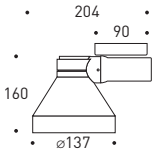
HALO IOS HL5 | HALO IOS HL5 FOOD | HALO IOS HL5 UV/IR | HALO IOS HL5

Accessories (pg. 386). Components for track (pg. 548-553).
Photometric data (pg. 773).

## Adjustable projector for surface mounting

10 21 28





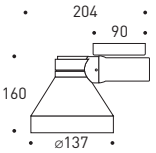

IP20 | IOS | 850° | 356° | 135° | -135° | g 801

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.19876.ØØ | | 14° | 10 |
| Ø. 19877.ØØ | | 22° | 21 |
| Ø.1989Ø.ØØ | | 28° | 28 |
| Ø.19878.ØØ | | 50° | |
| Ø.19879.ØØ | | Mira | |
| **35 W** | | | |
| Ø.19881.ØØ | | 14° | 10 |
| Ø.19882.ØØ | | 22° | 21 |
| Ø.19891.ØØ | | 28° | 28 |
| Ø.19883.ØØ | | 50° | |
| Ø.19884.ØØ | | Mira | |
| **50 W** | | | |
| Ø.5Ø149.ØØ | | 14° | 10 |
| Ø.5Ø15Ø.ØØ | | 22° | 21 |
| Ø.5Ø151.ØØ | | 28° | 28 |
| Ø.5Ø152.ØØ | | 50° | |
| Ø.5Ø153.ØØ | | Mira | |
| **70 W** | | | |
| Ø.19886.ØØ | | 14° | 10 |
| Ø.19887.ØØ | | 22° | 21 |
| Ø.198>9Ø.ØØ | | 28° | 28 |
| Ø.19888.ØØ | | 50° | |
| Ø.19889.ØØ | | Mira | |
| possible configuration | | Ø.19876.ØØ 10 | |

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

Accessories (pg. 386).
Photometric data (pg. 770-771).






IP20 | IOS | 850° | 356° | 135° | -135° | g 967

| HALO IOS | QT-14 G9 | IOS HL5 optics | finish reference |
|---|---|---|---|
| **60 W** | | | |
| Ø.2ØØØ1.ØØ | | 16° | 10 |
| Ø. 2ØØØ2.ØØ | | 22° | 21 |
| Ø.2ØØØ5.ØØ | | 28° | 28 |
| Ø. 2ØØØ3.ØØ | | 50° | |
| Ø.2ØØØ4.ØØ | | Mira | |
| possible configuration | | Ø.2ØØØ1.ØØ 10 | |

HALO IOS HL5 | HALO IOS HL5 FOOD | HALO IOS HL5 UV/IR | HALO IOS HL5

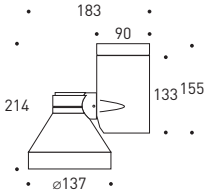
Accessories (pg. 386).
Photometric data (pg. 773).

REGGIANI

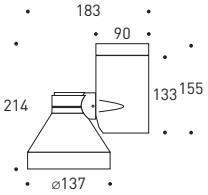
## Adjustable projector for surface mounting

10 21 28








IP20 | IOS | 850° | 356° | 135° | -135° | g 911

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.19856.ØØ | | 14° | 10 |
| Ø. 19857.ØØ | | 22° | 21 |
| Ø.19870.ØØ | | 28° | 28 |
| Ø.19858.ØØ | | 50° | |
| Ø.19859.ØØ | | Mira | |
| **35 W** | | | |
| Ø.19861.ØØ | | 14° | 10 |
| Ø.19862.ØØ | | 22° | 21 |
| Ø.19871.ØØ | | 28° | 28 |
| Ø.19863.ØØ | | 50° | |
| Ø.19864.ØØ | | Mira | |
| **50 W** | | | |
| Ø.5Ø159.ØØ | | 14° | 10 |
| Ø.5Ø160.ØØ | | 22° | 21 |
| Ø.5Ø161.ØØ | | 28° | 28 |
| Ø.5Ø162.ØØ | | 50° | |
| Ø.5Ø163.ØØ | | Mira | |
| **70 W** | | | |
| Ø.19866.ØØ | | 14° | 10 |
| Ø.19867.ØØ | | 22° | 21 |
| Ø.19872.ØØ | | 28° | 28 |
| Ø.19868.ØØ | | 50° | |
| Ø.19869.ØØ | | Mira | |
| possible configuration | | Ø.19856.ØØ 10 | |

IP20 | IOS | 850° | 356° | 135° | -135° | g 1001

| HALO IOS | QT-14 G9 | IOS HL5 optics | finish reference |
|---|---|---|---|
| **60 W** | | | |
| Ø.19996.ØØ | | 16° | 10 |
| Ø. 19997.ØØ | | 22° | 21 |
| Ø.19994.ØØ | | 28° | 28 |
| Ø. 19998.ØØ | | 50° | |
| Ø.19999.ØØ | | Mira | |
| possible configuration | | Ø.19996.ØØ 10 | |

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

Accessories (pg. 386).
Photometric data (pg. 770-771).

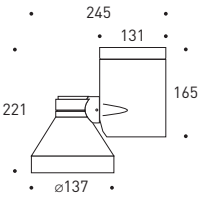
HALO IOS HL5 | HALO IOS HL5 FOOD | HALO IOS HL5 UV/IR | HALO IOS HL5

Accessories (pg. 386).
Photometric data (pg. 773).

## Adjustable projector for surface mounting

10 21 28

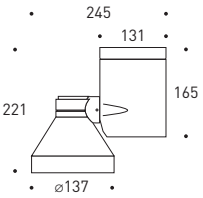





IP20 IOS 850° 356° 135° -135° g 1374

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.**2Ø22Ø**.ØØ | | 14° | 10 |
| Ø.**2Ø221**.ØØ | | 22° | 21 |
| Ø.**2Ø224**.ØØ | | 28° | 28 |
| Ø.**2Ø222**.ØØ | | 50° | |
| Ø.**2Ø223**.ØØ | | Mira | |
| **35 W** | | | |
| Ø.**2Ø226**.ØØ | | 14° | 10 |
| Ø.**2Ø227**.ØØ | | 22° | 21 |
| Ø.**2Ø23Ø**.ØØ | | 28° | 28 |
| Ø.**2Ø228**.ØØ | | 50° | |
| Ø.**2Ø229**.ØØ | | Mira | |
| **50 W** | | | |
| Ø.**5Ø169**.ØØ | | 14° | 10 |
| Ø.**5Ø170**.ØØ | | 22° | 21 |
| Ø.**5Ø171**.ØØ | | 28° | 28 |
| Ø.**5Ø172**.ØØ | | 50° | |
| Ø.**5Ø173**.ØØ | | Mira | |
| **70 W** | | | |
| Ø.**2Ø232**.ØØ | | 14° | 10 |
| Ø.**2Ø233**.ØØ | | 22° | 21 |
| Ø.**2Ø236**.ØØ | | 28° | 28 |
| Ø.**2Ø234**.ØØ | | 50° | |
| Ø.**2Ø235**.ØØ | | Mira | |
| possible configuration | | Ø.2Ø22Ø.ØØ 10 | |






IP20 IOS 850° 356° 135° -135° g 1393

| HALO IOS | QT-14 G9 | IOS HL5 optics | finish reference |
|---|---|---|---|
| **60 W** | | | |
| Ø.**2Ø25Ø**.ØØ | | 16° | 10 |
| Ø. **2Ø251**.ØØ | | 22° | 21 |
| Ø.**2Ø254**.ØØ | | 28° | 28 |
| Ø. **2Ø252**.ØØ | | 50° | |
| Ø.**2Ø253**.ØØ | | Mira | |
| possible configuration | | Ø.2Ø25Ø.ØØ 10 | |

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

Accessories (pg. 386).
Photometric data (pg. 770-771).

HALO IOS HL5 | HALO IOS HL5 FOOD | HALO IOS HL5 UV/IR | HALO IOS HL5

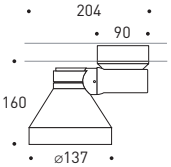
Accessories (pg. 386).
Photometric data (pg. 773).

REGGIANI

## Adjustable projector for 3-circuit track mounting

10 21 28



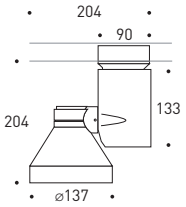



IP20 | 850° | 356° | 135° | -135° | g 806

65 W - 12V

| HALO | QR-111 (G53) lamps with built-in reflector | finish reference |
|---|---|---|
| | Ø.1967Ø.ØØ | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.1967Ø.ØØ 10 | |



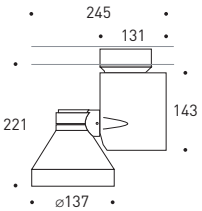



IP20 | 850° | 356° | 135° | -135° | g 849

65 W - 12V

| HALO | QR-111 (G53) lamps with built-in reflector | finish reference |
|---|---|---|
| | Ø.1957Ø.ØØ | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.1957Ø.ØØ 10 | |






IP20 | 850° | 356° | 135° | -135° | g 1155

65 W - 12V

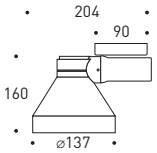
| HALO | QR-111 (G53) lamps with built-in reflector | finish reference |
|---|---|---|
| | Ø.2Ø168.ØØ | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.2Ø168.ØØ 10 | |

Accessories (pg. 386). Components for track (pg. 548-553).

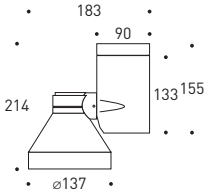
## Adjustable projector for surface mounting

10 21 28








IP20 | 850° | 356° | 135° | -135° | g 869

65 W - 12V

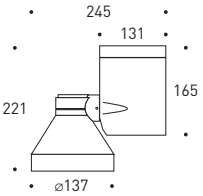
| HALO | QR-111 (G53) lamps with built-in reflector | finish reference |
|---|---|---|
| | Ø.2Ø016.ØØ | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.2Ø016.ØØ 10 | |

IP20 | 850° | 356° | 135° | -135° | g 881

65 W - 12V

| HALO | QR-111 (G53) lamps with built-in reflector | finish reference |
|---|---|---|
| | Ø.2Ø01Ø.ØØ | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.2Ø01Ø 10 | |






IP20 | 850° | 356° | 135° | -135° | g 1197

65 W - 12V

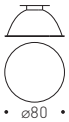
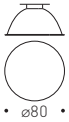
| HALO | QR-111 (G53) lamps with built-in reflector | finish reference |
|---|---|---|
| | Ø.2Ø258.ØØ | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.2Ø258.ØØ 10 | |



Accessories (pg. 386).

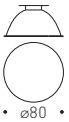
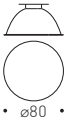
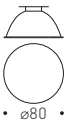
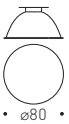
# Accessories
## LED



| VARIOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.35Ø5Ø.ØØ | 00 |
| | | | B | 15° | Ø.35Ø49.ØØ | |
| | | | C | 21° | Ø.35Ø51.ØØ | |
| | | | D | 29° | Ø.35Ø52.ØØ | |
| | | | E | 51° | Ø.35Ø53.ØØ | |
| | | | F | Mira* | Ø.35Ø54.ØØ | |
| | | | H | W. W. | Ø.35Ø59.ØØ | |
| LED IOS LL2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.35Ø5Ø.ØØ | 64 |
| | | | | 15° | Ø.35Ø49.ØØ | 65 |
| | | | | 21° | Ø.35Ø51.ØØ | 66 |
| | | | | 29° | Ø.35Ø52.ØØ | 67 |
| | | | | 51° | Ø.35Ø53.ØØ | |
|  | | Anti-glare louvre | | | Ø.2399Ø.ØØ | 21 |

| | |
|---|---|
| possible configuration | Ø.35Ø5Ø.ØØ 00 |



| VARIOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.35Ø5Ø.ØØ | 00 |
| | | | B | 15° | Ø.35Ø49.ØØ | |
| | | | C | 21° | Ø.35Ø51.ØØ | |
| | | | D | 29° | Ø.35Ø52.ØØ | |
| | | | E | 51° | Ø.35Ø53.ØØ | |
| | | | F | Mira* | Ø.35Ø54.ØØ | |
| | | | H | W. W. | Ø.35Ø59.ØØ | |
| LED IOS LL2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.35Ø5Ø.ØØ | 64 |
| | | | | 15° | Ø.35Ø49.ØØ | 65 |
| | | | | 21° | Ø.35Ø51.ØØ | 66 |
| | | | | 29° | Ø.35Ø52.ØØ | 67 |
| | | | | 51° | Ø.35Ø53.ØØ | |
| LED IOS LL7 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | N | 14° | Ø.35169.ØØ | 00 |
| | | | P | 21° | Ø.3517Ø.ØØ | |
| | | | Q | 30° | Ø.35171.ØØ | |
| | | | R | 36° | Ø.35172.ØØ | |
| | | | S | 40° | Ø.35173.ØØ | |
| | | | T | 69° | Ø.35174.ØØ | |
| | | | U | Mira* | Ø.35175.ØØ | |
| LED IOS LL7 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL7 | 14° | Ø.35169.ØØ | 64 |
| | | | | 21° | Ø.3517Ø.ØØ | 65 |
| | | | | 30° | Ø.35171.ØØ | 66 |
| | | | | 36° | Ø.35172.ØØ | 67 |
| | | | | 40° | Ø.35173.ØØ | |
| | | | | 69° | Ø.35174.ØØ | |
|  | | radio frequency remote control with laser pointer | | | Ø.2ØØ15.ØØ | 00 |

| | |
|---|---|
| possible configuration | Ø.35Ø5Ø.ØØ 00 |

## Accessories
metal halide lamps / halogen lamps



| VARIOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH3 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH3 | 12°/14°<br>22°/24°<br>74°/78°<br>Mira* | Ø.**113Ø5**.ØØ<br>Ø.**113Ø6**.ØØ<br>Ø.**113Ø7**.ØØ<br>Ø.**113Ø8**.ØØ | 00 |
| MH IOS MH3 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH3 | 12°/14°<br>22°/24°<br>74°/78° | Ø.**113Ø5**.ØØ<br>Ø.**113Ø6**.ØØ<br>Ø.**113Ø7**.ØØ | 64<br>65<br>66<br>67 |
| MH IOS MH3 UV/IR<br>MH IOS MH3 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH3 | 12°/14°<br>22°/24°<br>74°/78° | Ø.**113Ø5**.ØØ<br>Ø.**113Ø6**.ØØ<br>Ø.**113Ø7**.ØØ | 59<br>79<br>74<br>75<br>76<br>77 |
| |  | radio frequency remote control with laser pointer | | | Ø.**2ØØ15**.ØØ | 00 |

* elliptical beam

| possible configuration | Ø.113Ø5.ØØ 00 |
|---|---|



| VARIOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH5 |  • Ø130 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH5 | 14°<br>22°<br>28°<br>50°<br>Mira* | Ø.**1131Ø**.ØØ<br>Ø.**11311**.ØØ<br>Ø.**11318**.ØØ<br>Ø.**11312**.ØØ<br>Ø.**11313**.ØØ | 00 |
| MH IOS MH5 FOOD |  • Ø130 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH5 | 14°<br>22°<br>28°<br>50° | Ø.**1131Ø**.ØØ<br>Ø.**11311**.ØØ<br>Ø.**11318**.ØØ<br>Ø.**11312**.ØØ | 64<br>65<br>66<br>67 |
| MH IOS MH5 UV/IR<br>MH IOS MH5 |  • Ø130 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH5 | 14°<br>22°<br>28°<br>50° | Ø.**1131Ø**.ØØ<br>Ø.**11311**.ØØ<br>Ø.**11318**.ØØ<br>Ø.**11312**.ØØ | 59<br>79<br>74<br>75<br>76<br>77 |
| HALO IOS HL5 |  • Ø130 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH5 | 16°<br>22°<br>28°<br>50°<br>Mira* | Ø.**1131Ø**.ØØ<br>Ø.**11311**.ØØ<br>Ø.**11318**.ØØ<br>Ø.**11312**.ØØ<br>Ø.**11313**.ØØ | 00 |
| HALO IOS HL5 FOOD |  • Ø130 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH5 | 16°<br>22°<br>28°<br>50° | Ø.**1131Ø**.ØØ<br>Ø.**11311**.ØØ<br>Ø.**11318**.ØØ<br>Ø.**11312**.ØØ | 64<br>65<br>66<br>67 |
| HALO IOS HL5 UV/IR<br>HALO IOS HL5 |  • Ø130 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH5 | 16°<br>22°<br>28°<br>50° | Ø.**1131Ø**.ØØ<br>Ø.**11311**.ØØ<br>Ø.**11318**.ØØ<br>Ø.**11312**.ØØ | 59<br>79<br>74<br>75<br>76<br>77 |
| |  | radio frequency remote control with laser pointer | | | Ø.**2ØØ15**.ØØ | 00 |

* elliptical beam

| possible configuration | Ø.113Ø5.ØØ 00 |
|---|---|



Next Home - Shoreham, UK



# ENVIOS

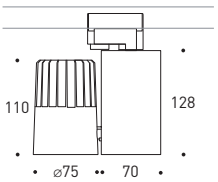
## adjustable projector

design by: **L.A.P.D**

## Adjustable projector for 3-circuit track mounting






IP20 | IOS | 850° | 356° | 135° | -135° | g 731

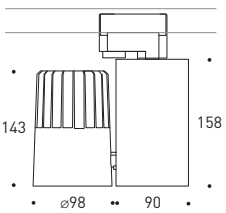
**10 W**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | nom. lm | K | CRI | |
| € 000,00 | Ø | CB82 | 1 | 15° | HQ | 873 | 3000 | >90 | 10 |
| | | | 2 | 30° | WW | 1044 | 3000 | >80 | 21 |
| | | | 3 | 48° | NN | 1166 | 4000 | >80 | 28 |
| | | | K | without optics | | | | | |

**1000 lm**

| possible configuration | Ø . CB82 1 . HQ 10 |
|---|---|






IP20 | IOS | 850° | 356° | 135° | -135° | g 1249

**13 W**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| Ø | DB83 | A | 11° | HQ | 1221 | 3000 | >90 | 10 | |
| V* | | B | 15° | WW | 1500 | 3000 | >80 | 21 | |
| D* | | C | 21° | NN | 1661 | 4000 | >80 | 28 | |
| T** | | D | 29° | | | | | | |
| | | E | 51° | | | | | | |
| | | F | Mira | | | | | | |
| | | K | without optics | | | | | | |

**1500 lm**

| possible configuration | Ø . DB83 A . HQ B1 |
|---|---|

**22 W**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| Ø | DB85 | A | 11° | HQ | 2038 | 3000 | >90 | 10 | |
| V* | | B | 15° | WW | 2650 | 3000 | >80 | 21 | |
| D* | | C | 21° | NN | 2759 | 4000 | >80 | 28 | |
| | | D | 29° | | | | | | |
| | | E | 51° | | | | | | |
| | | F | Mira | | | | | | |
| | | K | without optics | | | | | | |

**2500 lm**

| possible configuration | Ø . DB85 A . HQ B1 |
|---|---|

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

LED IOS LL1 | LED IOS LL1 FOOD

Accessories (pg. 394). Components for track (pg. 548-553).
Photometric data (pg. 702).

LED IOS LL2 | LED IOS LL2 FOOD

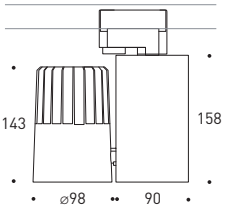
Accessories (pg. 394). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709).

REGGIANI

## Adjustable projector for 3-circuit track mounting

10 21 28



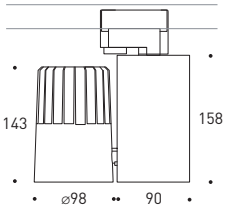



IP20 IOS 850° 356° 135° -135° g 1267

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | DB87 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| V* | | | B | 15° | WW | 3617 | 3000 | >80 | 21 |
| D* | | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . DB87 A . HQ B1 | | | | | | |






IP20 IOS 850° 356° 135° -135° g 1267

**38 W** — **4000 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL7 | | | | | | |
| Ø | | DB88 | N | 14° | HQ | 3578 | 3000 | >90 | 10 |
| V* | | | P | 21° | WW | 4329 | 3000 | >80 | 21 |
| D* | | | Q | 30° | NN | 4480 | 4000 | >80 | 28 |
| | | | R | 36° | | | | | |
| | | | S | 40° | | | | | |
| | | | T | 69° | | | | | |
| | | | U | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . DB88 A . HQ B1 | | | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

LED IOS LL2 | LED IOS LL2 FOOD

Accessories (pg. 394). Components for track (pg. 548-553).
Photometric data (pg. 712-713).

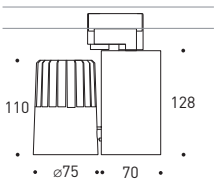
LED IOS LL7 | LED IOS LL7 FOOD

Accessories (pg. 394). Components for track (pg. 548-553).
Photometric data (pg. 736-737).

## Adjustable projector for halogen lamps

10 21 28





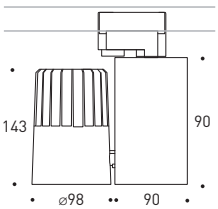

IP20 | 850° | 356° | 135° | -135° | g 776

| HALO | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 20 / 35 / 50 W - 12V | | | |
| Ø.21780.ØØ | | / | 10 21 28 |
| possible configuration | | Ø.21780.ØØ 10 | |

| HALO | HI-SPOT GZ10 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 50 W | | | |
| Ø.21785.ØØ | | / | 10 21 28 |
| possible configuration | | Ø.21785.ØØ 10 | |

| HALO | BRITESPOT GX10 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 20 W | | | |
| Ø.21790.ØØ | | / | 10 21 28 |
| 35 W | | | |
| Ø.21795.ØØ | | / | 10 21 28 |
| possible configuration | | Ø.21790.ØØ 10 | |






IP20 | IOS | 850° | 356° | 135° | -135° | g 1236

| HALO IOS | QT-12 GY6.35 | IOS HL2 optics | finish reference |
|---|---|---|---|
| 60 W / 12V | | | |
| Ø.21761.ØØ | | 18° | 10 21 28 |
| Ø.21762.ØØ | | 24° | |
| Ø.21763.ØØ | | 30° | |
| possible configuration | | Ø.21761.ØØ 10 | |

Accessories (pg. 395). Components for track (pg. 548-553).

HALO IOS HL2 | HALO IOS HL2 FOOD | HALO IOS HL2 UV/IR | HALO IOS HL2

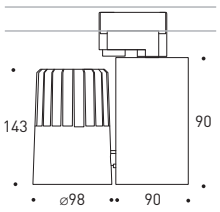
Accessories (pg. 395). Components for track (pg. 548-553).
Photometric data (pg. 772).

REGGIANI

## Adjustable projector for metal halide lamps

10 21 28





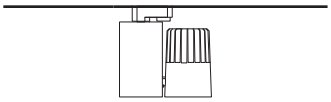

IP20 | IOS | 850° | 356° | 135° | -135° | g 1236

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.217Ø1.ØØ | | 14° | 10 |
| Ø.217Ø2.ØØ | | 34° | 21 |
| Ø.217Ø3.ØØ | | 56° | 28 |
| Ø.217Ø4.ØØ | | Mira | |
| **35 W** | | | |
| Ø.21721.ØØ | | 14° | 10 |
| Ø.21722.ØØ | | 34° | 21 |
| Ø. 21723.ØØ | | 56° | 28 |
| Ø. 21724.ØØ | | Mira | |
| **50 W** | | | |
| Ø.5Ø058.ØØ | | 14° | 10 |
| Ø.5Ø059.ØØ | | 34° | 21 |
| Ø.5Ø06Ø.ØØ | | 56° | 28 |
| Ø.5Ø061.ØØ | | Mira | |
| **70 W** | | | |
| Ø.21741.ØØ | | 16° | 10 |
| Ø.21742.ØØ | | 34° | 21 |
| Ø.21743.ØØ | | 58° | 28 |
| Ø. 21744.ØØ | | Mira | |
| possible configuration | | Ø.217Ø1.ØØ 10 | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

Accessories (pg. 395). Components for track (pg. 548-553).
Photometric data (pg. 767).

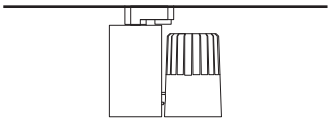
## Accessories
LED

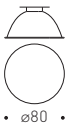
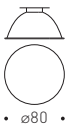
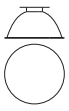
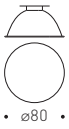


| ENVIOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL1 |  • ø50 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | 1 | 15° | Ø.35Ø05.ØØ | 00 |
| | | | 2 | 30° | Ø.35Ø06.ØØ | |
| | | | 3 | 48° | Ø.35Ø07.ØØ | |
| LED IOS LL1 FOOD |  • ø50 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL1 | 15° | Ø.35Ø05.ØØ | 64 |
| | | | | 30° | Ø.35Ø06.ØØ | 65 |
| | | | | 48° | Ø.35Ø07.ØØ | 66 |
| | | | | | | 67 |
| |  | accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø2289.ØØ | 10<br>21<br>28 |

| possible configuration | Ø.35Ø05.ØØ 00 |
|---|---|

## Accessories
LED



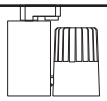
| ENVIOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.35Ø50.ØØ | 00 |
| | | | B | 15° | Ø.35Ø49.ØØ | |
| | | | C | 21° | Ø.35Ø51.ØØ | |
| | | | D | 29° | Ø.35Ø52.ØØ | |
| | | | E | 51° | Ø.35Ø53.ØØ | |
| | | | F | Mira* | Ø.35Ø54.ØØ | |
| | | | H | W. W. | Ø.35Ø59.ØØ | |
| LED IOS LL2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.35Ø50.ØØ | 64 |
| | | | | 15° | Ø.35Ø49.ØØ | 65 |
| | | | | 21° | Ø.35Ø51.ØØ | 66 |
| | | | | 29° | Ø.35Ø52.ØØ | 67 |
| | | | | 51° | Ø.35Ø53.ØØ | |
| LED IOS LL7 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | N | 14° | Ø.35169.ØØ | 00 |
| | | | P | 21° | Ø.35170.ØØ | |
| | | | Q | 30° | Ø.35171.ØØ | |
| | | | R | 36° | Ø.35172.ØØ | |
| | | | S | 40° | Ø.35173.ØØ | |
| | | | T | 69° | Ø.35174.ØØ | |
| | | | U | Mira* | Ø.35175.ØØ | |
| LED IOS LL7 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 14° | Ø.35169.ØØ | 64 |
| | | | | 21° | Ø.35170.ØØ | 65 |
| | | | | 30° | Ø.35171.ØØ | 66 |
| | | | | 36° | Ø.35172.ØØ | 67 |
| | | | | 40° | Ø.35173.ØØ | |
| | | | | 69° | Ø.35174.ØØ | |
| |  | anti-glare louvre | | | Ø.39498.ØØ | 21 |
| |  | accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø2289.ØØ | 10<br>21<br>28 |

* elliptical beam

| possible configuration | Ø.35Ø05.ØØ 00 |
|---|---|

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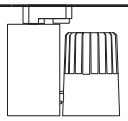
## Accessories
halogen lamps



| ENVIOS | details | IOS | reference | finish reference |
|---|---|---|---|---|
| | accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track | | Ø.Ø**2289**.ØØ | 10<br>21<br>28 |

| possible configuration | Ø.Ø2289.ØØ 00 |
|---|---|

## Accessories
metal halide lamps / halogen lamps



| ENVIOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16°<br>34°<br>56°/58°<br>Mira* | Ø.**113ØØ**.ØØ<br>Ø.**1131**.ØØ<br>Ø.**1132**.ØØ<br>Ø.**1133**.ØØ | 00 |
| MH IOS MH2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16°<br>34°<br>56°/58° | Ø.**113ØØ**.ØØ<br>Ø.**1131**.ØØ<br>Ø.**1132**.ØØ | 64<br>65<br>66<br>67 |
| MH IOS MH2 UV/IR<br>MH IOS MH2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic<br>**75** green dichroic<br>**76** yellow dichroic<br>**77** red dichroic | IOS MH2 | 14°/16°<br>34°<br>56°/58° | Ø.**113ØØ**.ØØ<br>Ø.**1131**.ØØ<br>Ø.**1132**.ØØ | 59<br>79<br>74<br>75<br>76<br>77 |
| HALO IOS HL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS HL2 | 18°<br>24°<br>30° | Ø.**113ØØ**.ØØ<br>Ø.**1131**.ØØ<br>Ø.**1132**.ØØ | 00 |
| HALO IOS HL2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS HL2 | 18°<br>24°<br>30° | Ø.**113ØØ**.ØØ<br>Ø.**1131**.ØØ<br>Ø.**1132**.ØØ | 64<br>65<br>66<br>67 |
| HALO IOS HL2 UV/IR<br>HALO IOS HL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic<br>**75** green dichroic<br>**76** yellow dichroic<br>**77** red dichroic | IOS HL2 | 18°<br>24°<br>30° | Ø.**113ØØ**.ØØ<br>Ø.**1131**.ØØ<br>Ø.**1132**.ØØ | 59<br>79<br>74<br>75<br>76<br>77 |
| | | anti-glare louvre | | | Ø.**145Ø5**.ØØ | 21 |
| | | accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø**2289**.ØØ | 10<br>21<br>28 |

* elliptical beam

| possible configuration | Ø.**113ØØ**.ØØ 00 |
|---|---|

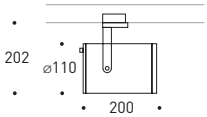


# ROLL IOS
adjustable projector

## Adjustable projector for 3-circuit track mounting






IP20 | IOS | 850° | 356° | 145° | g 1611

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | BC23 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| V* | | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| T** | | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . BC23 A . HQ 10

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | BC27 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| V* | | | B | 15° | WW | 3617 | 3000 | >80 | 21 |
| | | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . BC27 A . HQ 10

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | BC25 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| V* | | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| | | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . BC25 A . HQ 10

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

LED IOS LL2 | LED IOS LL2 FOOD | 45°

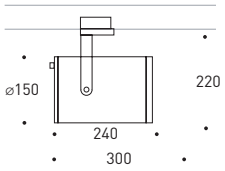
Accessories (pg. 403). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709 / 712-713).

REGGIANI

## Adjustable projector for 3-circuit track mounting

10 21 28






IP20 IOS 850° 356° 90° g 1384

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | CC23 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | T** | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| | possible configuration | | | | Ø . CC23 A . HQ 10 | | | | |

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | CC27 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 3617 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| | possible configuration | | | | Ø . CC27 A . HQ 10 | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | CC25 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| | possible configuration | | | | Ø . CC25 A . HQ 10 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

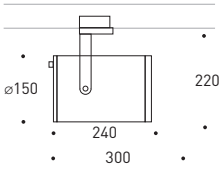
LED IOS LL2 | LED IOS LL2 FOOD

Accessories (pg. 403). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709 / 712-713).

## Adjustable projector for 3-circuit track mounting









46 W — 4500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL7 | | | | | | |
| | Ø | CC29 | N | 14° | HQ | 4147 | 3000 | >90 | 10 |
| | V* | | P | 21° | WW | 5017 | 3000 | >80 | 21 |
| | D* | | Q | 30° | NN | 5196 | 4000 | >84 | 28 |
| | | | R | 36° | | | | | |
| | | | S | 40° | | | | | |
| | | | T | 69° | | | | | |
| | | | U | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . CC29 N . HQ 10 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

LED IOS LL2 | LED IOS LL2 FOOD

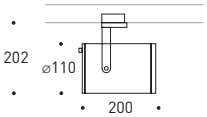
Accessories (pg. 403). Components for track (pg. 548-553).
Photometric data (pg. 738-739).

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## Adjustable projector for metal halide lamps and halogen lamps





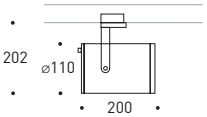

IP20 | IOS | 850° | 356° | 145° | g 1577

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.12251.ØØ | | 14° | 10 |
| Ø.12252.ØØ | | 34° | 21 |
| Ø.12253.ØØ | | 56° | 28 |
| Ø.12254.ØØ | | Mira | |
| **35 W** | | | |
| Ø.12256.ØØ | | 14° | 10 |
| Ø.12257.ØØ | | 34° | 21 |
| Ø. 12258.ØØ | | 56° | 28 |
| Ø. 12259.ØØ | | Mira | |
| **50 W** | | | |
| Ø.12271.ØØ | | 14° | 10 |
| Ø.12272.ØØ | | 34° | 21 |
| Ø.12273.ØØ | | 56° | 28 |
| Ø.12274.ØØ | | Mira | |
| possible configuration | | Ø.12251.ØØ 10 | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2 | 45°

Accessories (pg. 404). Components for track (pg. 548-553).
Photometric data (pg. 767).






IP20 | IOS | 850° | 356° | 145° | g 1577

| HALO IOS | QT-12 GY6.35 | IOS HL2 optics | finish reference |
|---|---|---|---|
| **60 W / 12V** | | | |
| Ø.12261.ØØ | | 18° | 10 |
| Ø.12262.ØØ | | 24° | 21 |
| Ø.12263.ØØ | | 30° | 28 |
| possible configuration | | Ø.23411.ØØ 10 | |

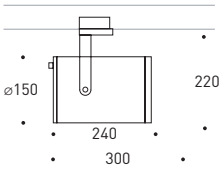
HALO IOS HL2 | HALO IOS HL2 FOOD | HALO IOS HL2 UV/IR | HALO IOS HL2 | 45°

Accessories (pg. 404). Components for track (pg. 548-553).
Photometric data (pg. 772).

## Adjustable projector for metal halide lamps





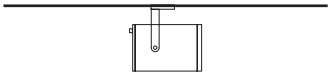

IP20 | IOS | 850° | 356° | 90° | g 2246

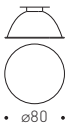
| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.12131.ØØ | | 14° | 10 |
| Ø. 12132.ØØ | | 22° | 21 |
| Ø.12133.ØØ | | 28° | 28 |
| Ø.12134.ØØ | | 50° | |
| Ø.12135.ØØ | | Mira | |
| **35 W** | | | |
| Ø.12141.ØØ | | 14° | 10 |
| Ø.12142.ØØ | | 22° | 21 |
| Ø.12143.ØØ | | 28° | 28 |
| Ø.12144.ØØ | | 50° | |
| Ø.12145.ØØ | | Mira | |
| **50 W** | | | |
| Ø.50Ø95.ØØ | | 14° | 10 |
| Ø.50Ø96.ØØ | | 22° | 21 |
| Ø.50Ø97.ØØ | | 28° | 28 |
| Ø.50Ø98.ØØ | | 50° | |
| Ø.50Ø99.ØØ | | Mira | |
| **70 W** | | | |
| Ø.12151.ØØ | | 14° | 10 |
| Ø.12152.ØØ | | 22° | 21 |
| Ø.12153.ØØ | | 28° | 28 |
| Ø.12154.ØØ | | 50° | |
| Ø.12155.ØØ | | Mira | |
| possible configuration | | Ø.12131.ØØ 10 | |

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

Accessories (pg. 404). Components for track (pg. 548-553).
Photometric data (pg. 771).

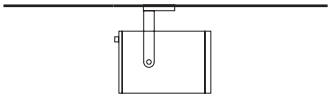
# Accessories
## LED

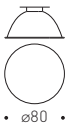
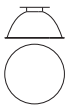
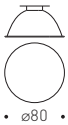


| ROLL IOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 |  | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.35Ø5Ø.ØØ | 00 |
| | | | B | 15° | Ø.35Ø49.ØØ | |
| | | | C | 21° | Ø.35Ø51.ØØ | |
| | | | D | 29° | Ø.35Ø52.ØØ | |
| | | | E | 51° | Ø.35Ø53.ØØ | |
| | | | F | Mira* | Ø.35Ø54.ØØ | |
| | | | H | W. W. | Ø.35Ø59.ØØ | |
| LED IOS LL2 FOOD |  | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.35Ø5Ø.ØØ | 64 |
| | | | | 15° | Ø.35Ø49.ØØ | 65 |
| | | | | 21° | Ø.35Ø51.ØØ | 66 |
| | | | | 29° | Ø.35Ø52.ØØ | 67 |
| | | | | 51° | Ø.35Ø53.ØØ | |
| | | honeycomb louvre<br>ø 110 mm | | | Ø.38Ø3Ø.ØØ | 21 |
| 45° | | anti-glare shield<br>ø 110 mm | | | Ø.38Ø36.ØØ | 21 |
| | | accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø2289.ØØ | 10<br>21<br>28 |
| | | barn doors | | | Ø.38Ø37.ØØ | 21 |

* elliptical beam

possible configuration Ø.35Ø5Ø.ØØ 00

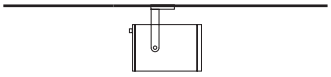


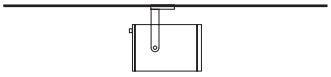
| ROLL IOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 |  | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.35Ø5Ø.ØØ | 00 |
| | | | B | 15° | Ø.35Ø49.ØØ | |
| | | | C | 21° | Ø.35Ø51.ØØ | |
| | | | D | 29° | Ø.35Ø52.ØØ | |
| | | | E | 51° | Ø.35Ø53.ØØ | |
| | | | F | Mira* | Ø.35Ø54.ØØ | |
| | | | H | W. W. | Ø.35Ø59.ØØ | |
| LED IOS LL2 FOOD |  | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.35Ø5Ø.ØØ | 64 |
| | | | | 15° | Ø.35Ø49.ØØ | 65 |
| | | | | 21° | Ø.35Ø51.ØØ | 66 |
| | | | | 29° | Ø.35Ø52.ØØ | 67 |
| | | | | 51° | Ø.35Ø53.ØØ | |
| LED IOS LL7 |  | interchangeable optical system<br><br>shield finish:<br>**00** clear | N | 14° | Ø.35169.ØØ | 00 |
| | | | P | 21° | Ø.3517Ø.ØØ | |
| | | | Q | 30° | Ø.35171.ØØ | |
| | | | R | 36° | Ø.35172.ØØ | |
| | | | S | 40° | Ø.35173.ØØ | |
| | | | T | 69° | Ø.35174.ØØ | |
| | | | U | Mira* | Ø.35175.ØØ | |
| LED IOS LL7 FOOD |  | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL7 | 14° | Ø.35169.ØØ | 64 |
| | | | | 21° | Ø.3517Ø.ØØ | 65 |
| | | | | 30° | Ø.35171.ØØ | 66 |
| | | | | 36° | Ø.35172.ØØ | 67 |
| | | | | 40° | Ø.35173.ØØ | |
| | | | | 69° | Ø.35174.ØØ | |
| | | accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø2289.ØØ | 10<br>21<br>28 |
| | | barn doors | | | Ø.38Ø38.ØØ | 21 |

* elliptical beam

possible configuration Ø.35Ø5Ø.ØØ 00

## Accessories
metal halide lamps





| ROLL IOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 00 |
| | | | | 34° | Ø.**113Ø1**.ØØ | |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | |
| | | | | Mira* | Ø.**113Ø3**.ØØ | |
| MH IOS MH2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 64 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 65 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH2 UV/IR<br>MH IOS MH2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 59 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 79 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| HALO IOS HL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS HL2 | 18° | Ø.**113ØØ**.ØØ | 00 |
| | | | | 24° | Ø.**113Ø1**.ØØ | |
| | | | | 30° | Ø.**113Ø2**.ØØ | |
| HALO IOS HL2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS HL2 | 18° | Ø.**113ØØ**.ØØ | 64 |
| | | | | 24° | Ø.**113Ø1**.ØØ | 65 |
| | | | | 30° | Ø.**113Ø2**.ØØ | 66 |
| | | | | | | 67 |
| HALO IOS HL2 UV/IR<br>HALO IOS HL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS HL2 | 18° | Ø.**113ØØ**.ØØ | 59 |
| | | | | 24° | Ø.**113Ø1**.ØØ | 79 |
| | | | | 30° | Ø.**113Ø2**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |

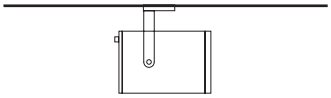
* elliptical beam

| possible configuration | Ø.113ØØ.ØØ 00 |
|---|---|

| ROLL IOS | details | IOS | reference | finish reference |
|---|---|---|---|---|
| | honeycomb louvre<br>ø 110 mm | | Ø.**38Ø3Ø**.ØØ | 21 |
| 45° | anti-glare shield<br>ø 110 mm | | Ø.**38Ø36**.ØØ | 21 |
| | accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track | | Ø.Ø**2289**.ØØ | 10<br>21<br>28 |
| | barn doors | | Ø.**38Ø37**.ØØ | 21 |

| possible configuration | Ø.38Ø3Ø.ØØ 00 |
|---|---|

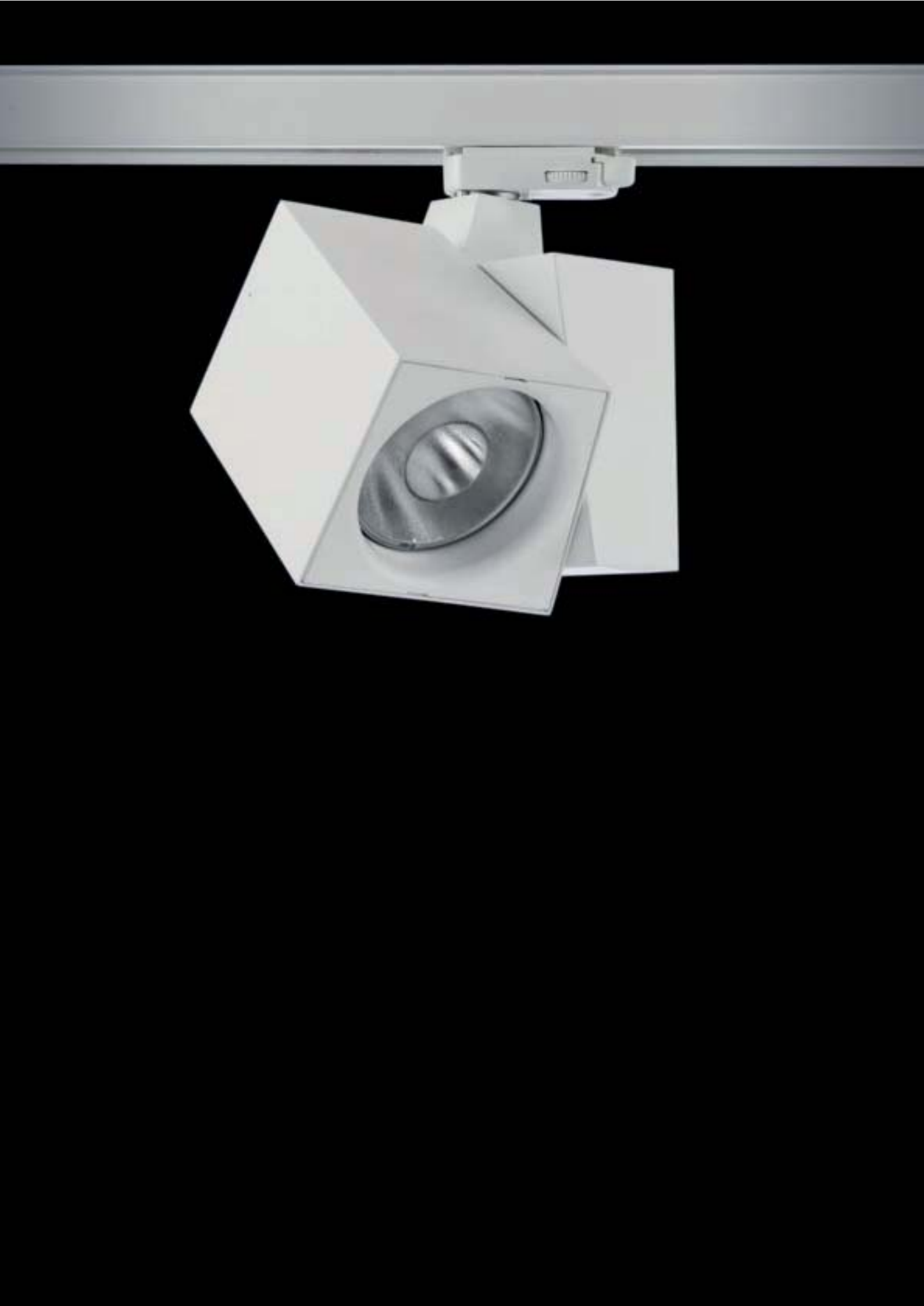
## Accessories
metal halide lamps



| ROLL IOS | | details | IOS MH5 | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH5 |  ø130 | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH5 | 14° | Ø.**11310**.ØØ | 00 |
| | | | | 22° | Ø.**11311**.ØØ | |
| | | | | 28° | Ø.**11318**.ØØ | |
| | | | | 50° | Ø.**11312**.ØØ | |
| | | | | Mira* | Ø.**11313**.ØØ | |
| MH IOS MH5 FOOD |  ø130 | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH5 | 14° | Ø.**11310**.ØØ | 64 |
| | | | | 22° | Ø.**11311**.ØØ | 65 |
| | | | | 28° | Ø.**11318**.ØØ | 66 |
| | | | | 50° | Ø.**11312**.ØØ | 67 |
| MH IOS MH5 UV/IR<br>MH IOS MH5 |  ø130 | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH5 | 14° | Ø.**11310**.ØØ | 59 |
| | | | | 22° | Ø.**11311**.ØØ | 79 |
| | | | | 28° | Ø.**11318**.ØØ | 74 |
| | | | | 50° | Ø.**11312**.ØØ | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| | | anti-glare louvre<br>ø 150 mm | | | Ø.**380**35.ØØ | 21 |
| | | accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø**2289**.ØØ | 10 |
| | | | | | | 21 |
| | | | | | | 28 |
| | | barn doors | | | Ø.**380**38.ØØ | 21 |

* elliptical beam

possible configuration Ø.**11310**.ØØ 00



# HAKO

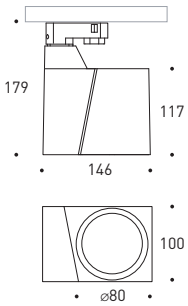
## adjustable projector

design by: **Setsu & Shinobu Ito**

## Adjustable projector for 3-circuit track mounting






IP20 | IOS | 850° | 356° | 140° | -140° | g 2015

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | ØD83 | A | 11° | HQ | 1221 | 3000 | >90 | B1 |
| V* | | | B | 15° | WW | 1500 | 3000 | >80 | 28 |
| T** | | | C | 21° | NN | 1661 | 4000 | >80 | 42 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø, ØD83, A, HQ, B1 | | | | |

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | ØD87 | A | 11° | HQ | 2944 | 3000 | >90 | B1 |
| V* | | | B | 15° | WW | 3617 | 3000 | >80 | 28 |
| | | | C | 21° | NN | 3798 | 4000 | >80 | 42 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø, ØD87, A, HQ, B1 | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | ØD85 | A | 11° | HQ | 2038 | 3000 | >90 | B1 |
| V* | | | B | 15° | WW | 2650 | 3000 | >80 | 28 |
| | | | C | 21° | NN | 2759 | 4000 | >80 | 42 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø, ØD85, A, HQ, B1 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
** Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

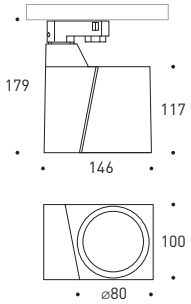
LED IOS LL2 | LED IOS LL2 FOOD

Accessories (pg. 411). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709 / 712-713).

REGGIANI

## Adjustable projector for 3-circuit track mounting






IP20 | IOS | 850° | 356° | 140° | -140° | g 2015

**38 W** — **4000 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL7 | | | | | | |
| | Ø | ØD88 | N | 14° | HQ | 3578 | 3000 | >90 | B1 |
| | V* | | P | 21° | WW | 4329 | 3000 | >80 | 28 |
| | | | Q | 30° | NN | 4480 | 4000 | >80 | 42 |
| | | | R | 36° | | | | | |
| | | | S | 40° | | | | | |
| | | | T | 69° | | | | | |
| | | | U | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . ØD88 [A] . HQ B1 | | | | |

* Caution: the track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

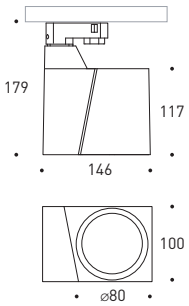
LED IOS LL7 | LED IOS LL7 FOOD

Accessories (pg. 411). Components for track (pg. 548-553).
Photometric data (pg. 736-737).

## Adjustable projector for metal halide lamps









| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.**29471**.ØØ | | 14° | B1 |
| Ø.**29472**.ØØ | | 34° | 28 |
| Ø.**29473**.ØØ | | 56° | 42 |
| Ø.**29474**.ØØ | | Mira | |
| **35 W** | | | |
| Ø.**29476**.ØØ | | 14° | B1 |
| Ø.**29477**.ØØ | | 34° | 28 |
| Ø.**29478**.ØØ | | 56° | 42 |
| Ø.**29479**.ØØ | | Mira | |
| **50 W** | | | |
| Ø.**29481**.ØØ | | 14° | B1 |
| Ø.**29482**.ØØ | | 34° | 28 |
| Ø.**29483**.ØØ | | 56° | 42 |
| Ø.**29484**.ØØ | | Mira | |
| possible configuration | | Ø.29471.ØØ B1 | |




Accessories (pg. 411). Components for track (pg. 548-553).
Photometric data (pg. 767).

## Accessories
LED

| HAKO | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.**35Ø5Ø**.ØØ | 00 |
| | | | B | 15° | Ø.**35Ø49**.ØØ | |
| | | | C | 21° | Ø.**35Ø51**.ØØ | |
| | | | D | 29° | Ø.**35Ø52**.ØØ | |
| | | | E | 51° | Ø.**35Ø53**.ØØ | |
| | | | F | Mira* | Ø.**35Ø54**.ØØ | |
| | | | H | W. W. | Ø.**35Ø59**.ØØ | |
| LED IOS LL2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.**35Ø5Ø**.ØØ | 64 |
| | | | | 15° | Ø.**35Ø49**.ØØ | 65 |
| | | | | 21° | Ø.**35Ø51**.ØØ | 66 |
| | | | | 29° | Ø.**35Ø52**.ØØ | 67 |
| | | | | 51° | Ø.**35Ø53**.ØØ | |
| LED IOS LL7 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | N | 14° | Ø.**35169**.ØØ | 00 |
| | | | P | 21° | Ø.**35170**.ØØ | |
| | | | Q | 30° | Ø.**35171**.ØØ | |
| | | | R | 36° | Ø.**35172**.ØØ | |
| | | | S | 40° | Ø.**35173**.ØØ | |
| | | | T | 69° | Ø.**35174**.ØØ | |
| | | | U | Mira* | Ø.**35175**.ØØ | |
| LED IOS LL7 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL7 | 14° | Ø.**35169**.ØØ | 64 |
| | | | | 21° | Ø.**35170**.ØØ | 65 |
| | | | | 30° | Ø.**35171**.ØØ | 66 |
| | | | | 36° | Ø.**35172**.ØØ | 67 |
| | | | | 40° | Ø.**35173**.ØØ | |
| | | | | 69° | Ø.**35174**.ØØ | |
| | | anti-glare louvre | | | Ø.**295Ø1**.ØØ | 42 |
| | | accessory for the installation of surface-maounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø**2289**.ØØ | 10<br>21<br>28 |

* elliptical beam

possible configuration — Ø.35Ø5Ø.ØØ 00

## Accessories
metal halide lamps

| HAKO | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 00 |
| | | | | 34° | Ø.**113Ø1**.ØØ | |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | |
| | | | | Mira* | Ø.**113Ø3**.ØØ | |
| MH IOS MH2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 64 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 65 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH2 UV/IR<br>MH IOS MH2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 59 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 79 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| | | anti-glare louvre | | | Ø.**295ØØ**.ØØ | 42 |
| | | accessory for the installation of surface-maounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø**2289**.ØØ | 10<br>21<br>28 |

* elliptical beam

possible configuration — Ø.113ØØ.ØØ 00

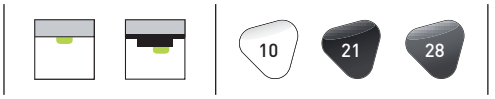


# SUN LUCE_SUNIOS

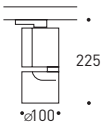
## adjustable projector

design by: **Fabio Reggiani**

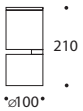
## Adjustable projector for 3-circuit track mounting/surface mounting








IP20 | IOS | 850° | 356° | 90° | g 1236

13 W — 1500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| Ø*** | | CB23 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| T** | | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| V | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . BB23 A . HQ 10

IP20 | IOS | 850° | 356° | 90° | g 1121

13 W — 1500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| Ø*** | | BB23 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| T** | | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| V | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . CB23 A . HQ 10

22 W — 2500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| Ø*** | | CB25 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| V | | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . CB25 A . HQ 10

22 W — 2500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| Ø*** | | BB25 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| V | | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . BB25 A . HQ 10

** Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts. If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources

*** With built-in dimmer for luminous intensity adjustment of each single luminaire

LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

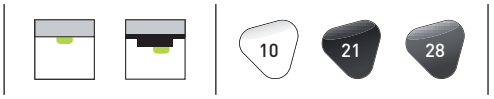
Accessories (pg. 417). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709).

LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

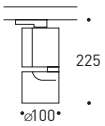
Accessories (pg. 417).
Photometric data (pg. 704-705 / 708-709).

REGGIANI

## Adjustable projector for 3-circuit track mounting/surface mounting



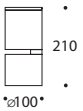



IP20 | IOS | 850° | 356° | 90° | g 1236

| MH IOS | MT OSRAM/GE GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| | Ø.23Ø07.ØØ | 14° | 10 |
| | Ø.23Ø08.ØØ | 28° | 21 |
| | Ø.23Ø09.ØØ | 50° | 28 |
| | Ø. 23Ø1Ø.ØØ | Mira | |
| **35 W** | | | |
| | Ø.23Ø25.ØØ | 14° | 10 |
| | Ø.23Ø26.ØØ | 28° | 21 |
| | Ø. 23Ø27.ØØ | 50° | 28 |
| | Ø. 23Ø28.ØØ | Mira | |
| possible configuration | | Ø.23Ø07.ØØ 10 | |






IP20 | IOS | 850° | 356° | 90° | g 1121

| MH IOS | MT OSRAM/GE GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| | Ø.23Ø01.ØØ | 14° | 10 |
| | Ø.23Ø02.ØØ | 28° | 21 |
| | Ø.23Ø03.ØØ | 50° | 28 |
| | Ø. 23Ø04.ØØ | Mira | |
| **35 W** | | | |
| | Ø.23Ø19.ØØ | 14° | 10 |
| | Ø.23Ø20.ØØ | 28° | 21 |
| | Ø. 23Ø21.ØØ | 50° | 28 |
| | Ø. 23Ø22.ØØ | Mira | |
| possible configuration | | Ø.23Ø01.ØØ 10 | |

| MH IOS | MT PHILIPS GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| **50 W** | | | |
| | Ø.23Ø31.ØØ | 14° | 10 |
| | Ø. 23Ø32.ØØ | 28° | 21 |
| | Ø.23Ø33.ØØ | 54° | 28 |
| | Ø.23Ø34.ØØ | Mira | |
| possible configuration | | Ø.23Ø31.ØØ 10 | |

| MH IOS | MT PHILIPS GU6.5 | IOS MH1 optics | finish reference |
|---|---|---|---|
| **50 W** | | | |
| | Ø.23Ø13.ØØ | 14° | 10 |
| | Ø. 23Ø14.ØØ | 28° | 21 |
| | Ø.23Ø15.ØØ | 54° | 28 |
| | Ø.23Ø16.ØØ | Mira | |
| possible configuration | | Ø.23Ø13.ØØ 10 | |

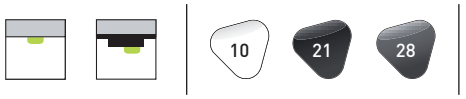
MH IOS MH1 | MH IOS MH1 FOOD | MH IOS MH1 UV/IR | MH IOS MH1

Accessories (pg. 418). Components for track (pg. 548-553).
Photometric data (pg. 766).

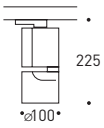
MH IOS MH1 | MH IOS MH1 FOOD | MH IOS MH1 UV/IR | MH IOS MH1

Accessories (pg. 418). Components for track (pg. 548-553).
Photometric data (pg. 766).

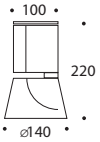
## Adjustable projector for 3-circuit track mounting/surface mounting








IP20 | 850° | 356° | 90° | g 1042

IP20 | 850° | 356° | 90° | g 1064

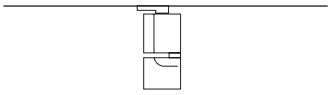
| HALO | QR-111 G53 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 65 W | | ▲ | |
| | Ø.23Ø37.ØØ | / | 10 |
| | *** Ø.23Ø43.ØØ | | 21 |
| | | | 28 |
| | possible configuration | Ø.23Ø37.ØØ 10 | |

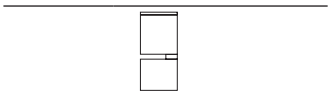
| HALO | QR-111 G53 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 65 W | | ▲ | |
| | Ø.23Ø36.ØØ | / | 10 |
| | *** Ø.23Ø42.ØØ | | 21 |
| | | | 28 |
| | possible configuration | Ø.23Ø36.ØØ 10 | |

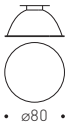
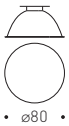
*** With built-in dimmer for luminous intensity adjustment of each single luminaire

Components for track (pg. 548-553).

# Accessories
## LED

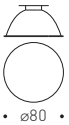
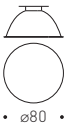




| SUN LUCE | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.35Ø5Ø.ØØ | 00 |
| | | | B | 15° | Ø.35Ø49.ØØ | |
| | | | C | 21° | Ø.35Ø51.ØØ | |
| | | | D | 29° | Ø.35Ø52.ØØ | |
| | | | E | 51° | Ø.35Ø53.ØØ | |
| | | | F | Mira* | Ø.35Ø54.ØØ | |
| | | | H | W. W. | Ø.35Ø59.ØØ | |
| LED IOS LL2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.35Ø5Ø.ØØ | 64 |
| | | | | 15° | Ø.35Ø49.ØØ | 65 |
| | | | | 21° | Ø.35Ø51.ØØ | 66 |
| | | | | 29° | Ø.35Ø52.ØØ | 67 |
| | | | | 51° | Ø.35Ø53.ØØ | |
| 1 HOUR | | emergency pack including Ni/Cd battery with 1h back-up | | | Ø.35Ø87.ØØ | 10<br>21<br>28 |
| | | framing projector for square or rectangular light frames | | | Ø.351Ø5.ØØ | 21 |
| | | framing projector for round light | | | Ø.351Ø6.ØØ | 21 |
| | | anti-glare louvre | | | Ø.145Ø5.ØØ | 21 |

* elliptical beam

possible configuration Ø.35Ø5Ø.ØØ 00

| SUN LUCE | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.35Ø5Ø.ØØ | 00 |
| | | | B | 15° | Ø.35Ø49.ØØ | |
| | | | C | 21° | Ø.35Ø51.ØØ | |
| | | | D | 29° | Ø.35Ø52.ØØ | |
| | | | E | 51° | Ø.35Ø53.ØØ | |
| | | | F | Mira* | Ø.35Ø54.ØØ | |
| | | | H | W. W. | Ø.35Ø59.ØØ | |
| LED IOS LL2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.35Ø5Ø.ØØ | 64 |
| | | | | 15° | Ø.35Ø49.ØØ | 65 |
| | | | | 21° | Ø.35Ø51.ØØ | 66 |
| | | | | 29° | Ø.35Ø52.ØØ | 67 |
| | | | | 51° | Ø.35Ø53.ØØ | |
| 1 HOUR | | emergency pack including Ni/Cd battery with 1h back-up | | | Ø.35Ø87.ØØ | 10<br>21<br>28 |
| | | framing projector for square or rectangular light frames | | | Ø.351Ø5.ØØ | 21 |
| | | framing projector for round light | | | Ø.351Ø6.ØØ | 21 |
| | | anti-glare louvre | | | Ø.145Ø5.ØØ | 21 |

* elliptical beam

possible configuration Ø.35Ø5Ø.ØØ 00

## Accessories
halogen lamps / metal halide lamps

| SUN LUCE | | details | IOS | ▲ | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH1 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14° | Ø.**23ØØ**.ØØ | 00 |
| | | | | 28° | Ø.**23Ø1**.ØØ | |
| | | | | 50°/54° | Ø.**23Ø2**.ØØ | |
| | | | | Mira* | Ø.**23Ø3**.ØØ | |
| MH IOS MH1 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14° | Ø.**23ØØ**.ØØ | 64 |
| | | | | 28° | Ø.**23Ø1**.ØØ | 65 |
| | | | | 50°/54° | Ø.**23Ø2**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH1 UV/IR<br>MH IOS MH1 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14° | Ø.**23ØØ**.ØØ | 59 |
| | | | | 28° | Ø.**23Ø1**.ØØ | 79 |
| | | | | 50°/54° | Ø.**23Ø2**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
|  | | anti-glare louvre | | | Ø.**145Ø5**.ØØ | 21 |

* elliptical beam

| | |
|---|---|
| possible configuration | Ø.12345.ØØ 10 |

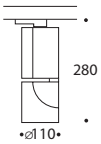


Palazzo di Propaganda Fide - Rome, Italy

## Adjustable projector for 3-circuit track mounting






IP20 | IOS | 850° | 356° | 90° | g 1611

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø*** | B9Ø3 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 28 |
| | V | | C | 21° | NN | 1661 | 4000 | >80 | 21 |
| | | | D | 29° | | | | | |
| | D* | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | T** | | K | without optics | | | | | |
| possible configuration | | | Ø . B9Ø3 A . HQ B1 | | | | | | |

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø*** | B9Ø7 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 3617 | 3000 | >80 | 28 |
| | V | | C | 21° | NN | 3798 | 4000 | >80 | 21 |
| | | | D | 29° | | | | | |
| | D* | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . B9Ø7 A . HQ B1 | | | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø*** | B9Ø5 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 2650 | 3000 | >80 | 28 |
| | V | | C | 21° | NN | 2759 | 4000 | >80 | 21 |
| | | | D | 29° | | | | | |
| | D* | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . B9Ø5 A . HQ B1 | | | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
** Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.
*** With built-in dimmer for luminous intensity adjustment of each single luminaire

LED IOS LL2 | LED IOS LL2 FOOD

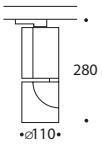
Accessories (pg. 426). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709 / 712-713).

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## Adjustable projector for 3-circuit track mounting

10 21 28






IP20 | IOS | 850° | 356° | 90° | g 1171

**38 W** — **4000 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL7 | | | | | | |
| | Ø*** | B9Ø8 | N | 14° | HQ | 3578 | 3000 | >90 | 10 |
| | | | P | 21° | WW | 4329 | 3000 | >80 | 28 |
| | V | | Q | 30° | NN | 4480 | 4000 | >80 | 21 |
| | | | R | 36° | | | | | |
| | D* | | S | 40° | | | | | |
| | | | T | 69° | | | | | |
| | | | U | Mira | | | | | |
| | | | K | without optics | | | | | |
| | possible configuration | | | | Ø . B9Ø8 A . HQ B1 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
*** With built-in dimmer for luminous intensity adjustment of each single luminaire

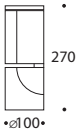
LED IOS LL7 | LED IOS LL7 FOOD

Accessories (pg. 426). Components for track (pg. 548-553).
Photometric data (pg. 736-737).

## Adjustable projector for surface mounting






IP20 | IOS | 850° | 356° | 90° | g 1235

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø*** | | C9Ø3 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| V | | | B | 15° | WW | 1500 | 3000 | >80 | 28 |
| D* | | | C | 21° | NN | 1661 | 4000 | >80 | 21 |
| T** | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . C9Ø3 A . HQ B1 | | | | |

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø*** | | C9Ø7 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| V | | | B | 15° | WW | 3617 | 3000 | >80 | 28 |
| D* | | | C | 21° | NN | 3798 | 4000 | >80 | 21 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . C9Ø7 A . HQ B1 | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø*** | | C9Ø5 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| V | | | B | 15° | WW | 2650 | 3000 | >80 | 28 |
| D* | | | C | 21° | NN | 2759 | 4000 | >80 | 21 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . C9Ø5 A . HQ B1 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
** Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.
*** With built-in dimmer for luminous intensity adjustment of each single luminaire

LED IOS LL2 | LED IOS LL2 FOOD

Accessories (pg. 426).
Photometric data (pg. 704-705 / 708-709 / 712-713).

## Adjustable projector for surface mounting












**38 W** — **4000 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL7 | | | | | | |
| | Ø*** | C9Ø8 | N | 14° | HQ | 3578 | 3000 | >90 | 10 |
| | | | P | 21° | WW | 4329 | 3000 | >80 | 28 |
| | V | | Q | 30° | NN | 4480 | 4000 | >80 | 21 |
| | | | R | 36° | | | | | |
| | D* | | S | 40° | | | | | |
| | | | T | 69° | | | | | |
| | | | U | Mira | | | | | |
| | | | K | without optics | | | | | |

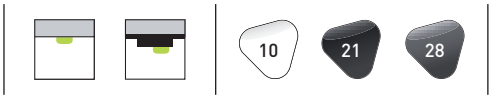
| possible configuration | Ø . C9Ø8 A . HQ B1 |
|---|---|

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
*** With built-in dimmer for luminous intensity adjustment of each single luminaire

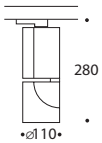
LED IOS LL7 | LED IOS LL7 FOOD

Accessories (pg. 426).
Photometric data (pg. 736-737).

## Adjustable projector for 3-circuit track mounting/surface mounting











IP20 | IOS | 850° | 356° | 90° | g 1124

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.14Ø16.ØØ | | 14° | 10 |
| Ø.14Ø17.ØØ | | 34° | 21 |
| Ø.14Ø18.ØØ | | 56° | 28 |
| **35 W** | | | |
| Ø.14Ø21.ØØ | | 14° | 10 |
| Ø.14Ø22.ØØ | | 34° | 21 |
| Ø. 14Ø23.ØØ | | 56° | 28 |
| **50 W** | | | |
| Ø.5Ø1ØØ.ØØ | | 14° | 10 |
| Ø.5Ø1Ø1.ØØ | | 34° | 21 |
| Ø.5Ø1Ø2.ØØ | | 56° | 28 |
| **70 W** | | | |
| Ø.14Ø26.ØØ | | 16° | 10 |
| Ø.14Ø27.ØØ | | 34° | 21 |
| Ø.14Ø28.ØØ | | 58° | 28 |
| possible configuration | | Ø.14Ø16.ØØ 10 | |

IP20 | IOS | 850° | 356° | 90° | g 1144

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.14Ø31.ØØ | | 14° | 10 |
| Ø.14Ø32.ØØ | | 34° | 21 |
| Ø.14Ø33.ØØ | | 56° | 28 |
| **35 W** | | | |
| Ø.14Ø36.ØØ | | 14° | 10 |
| Ø.14Ø37.ØØ | | 34° | 21 |
| Ø. 14Ø38.ØØ | | 56° | 28 |
| **50 W** | | | |
| Ø.5Ø1Ø3.ØØ | | 14° | 10 |
| Ø.5Ø1Ø4.ØØ | | 34° | 21 |
| Ø.5Ø1Ø5.ØØ | | 56° | 28 |
| **70 W** | | | |
| Ø.14Ø41.ØØ | | 16° | 10 |
| Ø.14Ø42.ØØ | | 34° | 21 |
| Ø.14Ø43.ØØ | | 58° | 28 |
| possible configuration | | Ø.14Ø31.ØØ 10 | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

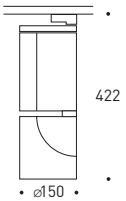
Accessories (pg. 427). Components for track (pg. 548-553).
Photometric data (pg. 767).

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

Accessories (pg. 427).
Photometric data (pg. 767).

## Adjustable projector for 3-circuit track mounting/surface mounting

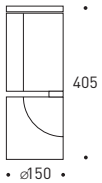





IP20 | IOS | 850° | 356° | 90° | g 2800

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **70 W** | | | |
| Ø.**14Ø81.**ØØ | | 14° | 10 |
| Ø. **14Ø82.**ØØ | | 22° | 21 |
| Ø.**14Ø84.**ØØ | | 28° | 28 |
| Ø.**14Ø83.**ØØ | | 50° | |
| **100 W** | | | |
| Ø.**5Ø1Ø6.**ØØ | | 16° | 10 |
| Ø.**5Ø1Ø7.**ØØ | | 22° | 21 |
| Ø.**5Ø1Ø8.**ØØ | | 28° | 28 |
| Ø.**5Ø1Ø9.**ØØ | | 48° | |
| **150 W** | | | |
| Ø.**14Ø71.**EV | | 14° | 10 |
| Ø.**14Ø72.**EV | | 22° | 21 |
| Ø.**14Ø74.**EV | | 28° | 28 |
| Ø.**14Ø73.**EV | | 48° | |
| possible configuration | | Ø.14Ø81.ØØ 10 | |






IP20 | IOS | 850° | 356° | 90° | g 2846

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **70 W** | | | |
| Ø.**141Ø6.**ØØ | | 14° | 10 |
| Ø. **141Ø7.**ØØ | | 22° | 21 |
| Ø.**141Ø9.**ØØ | | 28° | 28 |
| Ø.**141Ø8.**ØØ | | 50° | |
| **100 W** | | | |
| Ø.**5Ø11Ø.**ØØ | | 16° | 10 |
| Ø.**5Ø111.**ØØ | | 22° | 21 |
| Ø.**5Ø112.**ØØ | | 28° | 28 |
| Ø.**5Ø113.**ØØ | | 48° | |
| **150 W** | | | |
| Ø.**14Ø96.**EV | | 14° | 10 |
| Ø.**14Ø97.**EV | | 22° | 21 |
| Ø.**14Ø99.**EV | | 28° | 28 |
| Ø.**14Ø98.**EV | | 48° | |
| possible configuration | | Ø.141Ø6.ØØ 10 | |

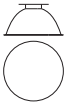
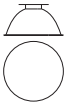
MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

Accessories (pg. 427). Components for track (pg. 548-553).
Photometric data (pg. 771).

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

Accessories (pg. 427).
Photometric data (pg. 771).

# Accessories
## LED

| SUNIOS | | details | IOS | ▲ | reference | finish reference |
|---|---|---|---|---|---|---|
| **LED IOS LL2** |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | **A** | 11° | Ø.**35Ø5Ø**.ØØ | 00 |
| | | | **B** | 15° | Ø.**35Ø49**.ØØ | |
| | | | **C** | 21° | Ø.**35Ø51**.ØØ | |
| | | | **D** | 29° | Ø.**35Ø52**.ØØ | |
| | | | **E** | 51° | Ø.**35Ø53**.ØØ | |
| | | | **F** | Mira* | Ø.**35Ø54**.ØØ | |
| | | | **H** | W. W. | Ø.**35Ø59**.ØØ | |
| **LED IOS LL2 FOOD** |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | **IOS LL2** | 11° | Ø.**35Ø5Ø**.ØØ | 64 |
| | | | | 15° | Ø.**35Ø49**.ØØ | 65 |
| | | | | 21° | Ø.**35Ø51**.ØØ | 66 |
| | | | | 29° | Ø.**35Ø52**.ØØ | 67 |
| | | | | 51° | Ø.**35Ø53**.ØØ | |
| **LED IOS LL7** |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | **N** | 14° | Ø.**35169**.ØØ | 00 |
| | | | **P** | 21° | Ø.**3517Ø**.ØØ | |
| | | | **Q** | 30° | Ø.**35171**.ØØ | |
| | | | **R** | 36° | Ø.**35172**.ØØ | |
| | | | **S** | 40° | Ø.**35173**.ØØ | |
| | | | **T** | 69° | Ø.**35174**.ØØ | |
| | | | **U** | Mira* | Ø.**35175**.ØØ | |
| **LED IOS LL7 FOOD** |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | **IOS LL7** | 14° | Ø.**35169**.ØØ | 64 |
| | | | | 21° | Ø.**3517Ø**.ØØ | 65 |
| | | | | 30° | Ø.**35171**.ØØ | 66 |
| | | | | 36° | Ø.**35172**.ØØ | 67 |
| | | | | 40° | Ø.**35173**.ØØ | |
| | | | | 69° | Ø.**35174**.ØØ | |

* elliptical beam

possible configuration Ø.**35Ø5Ø**.ØØ 00

# Accessories
## metal halide lamps

| SUNIOS | | details | IOS | ▲ | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 |  ø80 | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 00 |
| | | | | 34° | Ø.**113Ø1**.ØØ | |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | |
| MH IOS MH2 FOOD |  ø80 | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 64 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 65 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH2 UV/IR<br>MH IOS MH2 |  ø80 | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 59 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 79 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| | | anti-glare louvre<br>ø 100 mm | | | Ø.**145Ø5**.ØØ | 21 |
| | | accessory for side entry of cables, to use when the power system has external cables | | | Ø.**1414Ø**.ØØ | 10 |
| | | | | | | 21 |
| | | | | | | 28 |
| | | possible configuration | | | Ø.113ØØ.ØØ | 10 |

| SUNIOS | | details | IOS | ▲ | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH5 |  ø130 | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH5 | 14°/16° | Ø.**1131Ø**.ØØ | 00 |
| | | | | 22° | Ø.**11311**.ØØ | |
| | | | | 28° | Ø.**11318**.ØØ | |
| | | | | 48°/50° | Ø.**11312**.ØØ | |
| MH IOS MH5 FOOD |  ø130 | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH5 | 14°/16° | Ø.**1131Ø**.ØØ | 64 |
| | | | | 22° | Ø.**11311**.ØØ | 65 |
| | | | | 28° | Ø.**11318**.ØØ | 66 |
| | | | | 48°/50° | Ø.**11312**.ØØ | 67 |
| MH IOS MH5 UV/IR<br>MH IOS MH5 |  ø130 | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH5 | 14°/16° | Ø.**1131Ø**.ØØ | 59 |
| | | | | 22° | Ø.**11311**.ØØ | 79 |
| | | | | 28° | Ø.**11318**.ØØ | 74 |
| | | | | 48°/50° | Ø.**11312**.ØØ | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| | | anti-glare louvre<br>ø 150 mm | | | Ø.**146Ø5**.ØØ | 21 |
| | | accessory for side entry of cables, to use when the power system has external cables | | | Ø.**14141**.ØØ | 10 |
| | | | | | | 21 |
| | | | | | | 28 |
| | | possible configuration | | | Ø.1131Ø.ØØ | 10 |

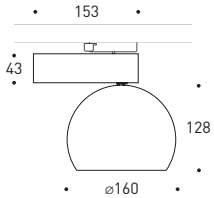


# IONE
## adjustable projector

## Adjustable projector for 3-circuit track mounting






IP20 | IOS | 850° | 356° | 60° | g 1533

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | CB93 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| D* | | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| T** | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . CB93 A . HQ 10 | | | | | | |

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | CB97 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 3617 | 3000 | >80 | 21 |
| V* | | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| D* | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . CB97 A . HQ 10 | | | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | CB95 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| V* | | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| D* | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . CB95 A . HQ 10 | | | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specifi c adapters and tracks.
** Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

LED IOS LL2 | LED IOS LL2 FOOD

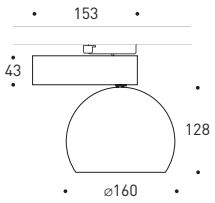
Accessories (pg. 433). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709 / 712-713).

REGGIANI

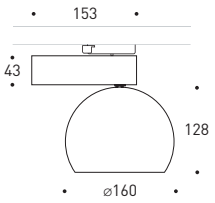
## Adjustable projector for metal halide lamps and halogen lamps

10 21 28








IP20 | IOS | 850° | 356° | 60° | g 1220

IP20 | IOS | 850° | 356° | 60° | g 1220

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.2Ø3Ø1.ØØ | | 14° | 10 |
| Ø.2Ø3Ø2.ØØ | | 34° | 21 |
| Ø.2Ø3Ø3.ØØ | | 56° | 28 |
| Ø. 2Ø3Ø4.ØØ | | Mira | |
| **35 W** | | | |
| Ø.2Ø311.ØØ | | 14° | 10 |
| Ø.2Ø312.ØØ | | 34° | 21 |
| Ø. 2Ø313.ØØ | | 56° | 28 |
| Ø. 2Ø314.ØØ | | Mira | |
| **50 W** | | | |
| Ø.5Ø091.ØØ | | 14° | 10 |
| Ø.5Ø092.ØØ | | 34° | 21 |
| Ø.5Ø093.ØØ | | 56° | 28 |
| Ø.5Ø094.ØØ | | Mira | |
| **70 W** | | | |
| Ø.2Ø321.ØØ | | 16° | 10 |
| Ø.2Ø322.ØØ | | 34° | 21 |
| Ø.2Ø323.ØØ | | 58° | 28 |
| Ø. 2Ø324.ØØ | | Mira | |
| possible configuration | | Ø.2Ø3Ø1.ØØ 10 | |

| HALO IOS | QT-12 GY6.35 | IOS HL2 optics | finish reference |
|---|---|---|---|
| **60 W / 12V** | | | |
| Ø.2Ø331.ØØ | | 18° | 10 |
| Ø.2Ø332.ØØ | | 24° | 21 |
| Ø.2Ø333.ØØ | | 30° | 28 |
| possible configuration | | Ø.2Ø331.ØØ 10 | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

HALO IOS HL2 | HALO IOS HL2 FOOD | HALO IOS HL2 UV/IR | HALO IOS HL2

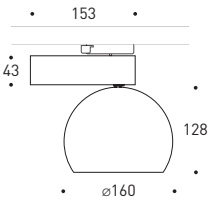
Accessories (pg. 433). Components for track (pg. 548-553).
Photometric data (pg. 767).

Accessories (pg. 433). Components for track (pg. 548-553).
Photometric data (pg. 772).

## Adjustable projector for halogen lamps

10 21 28

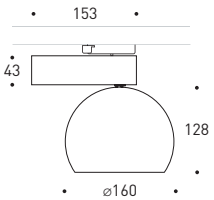





IP20 850° 356° 60° g 1178

| HALO | QR-111 G53 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 65 W | | | |
| | Ø.2Ø340.ØØ | / | 10 |
| | | | 21 |
| | | | 28 |
| possible configuration | | Ø.2Ø340.ØØ 10 | |





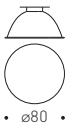

IP20 850° 356° 60° g 1178

| HALO | CDM-R111 GX8.5 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 20 W | | | |
| | Ø.2Ø351.ØØ | / | 10 |
| | | | 21 |
| | | | 28 |
| 35 W | | | |
| | Ø.2Ø352.ØØ | / | 10 |
| | | | 21 |
| | | | 28 |
| 70 W | | | |
| | Ø.2Ø353.ØØ | / | 10 |
| | | | 21 |
| | | | 28 |
| possible configuration | | Ø.2Ø351.ØØ 10 | |

Accessories (pg. 433). Components for track (pg. 548-553).

Accessories (pg. 433). Components for track (pg. 548-553).

## Accessories
LED

| IONE | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.**3505Ø**.ØØ | 00 |
| | | | B | 15° | Ø.**35049**.ØØ | |
| | | | C | 21° | Ø.**35051**.ØØ | |
| | | | D | 29° | Ø.**35052**.ØØ | |
| | | | E | 51° | Ø.**35053**.ØØ | |
| | | | F | Mira* | Ø.**35054**.ØØ | |
| | | | H | W. W. | Ø.**35059**.ØØ | |
| LED IOS LL2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.**3505Ø**.ØØ | 64 |
| | | | | 15° | Ø.**35049**.ØØ | 65 |
| | | | | 21° | Ø.**35051**.ØØ | 66 |
| | | | | 29° | Ø.**35052**.ØØ | 67 |
| | | | | 51° | Ø.**35053**.ØØ | |
| |  | accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø**2289**.ØØ | 10<br>21<br>28 |

* elliptical beam

possible configuration — Ø.3505Ø.ØØ 00

## Accessories
metal halide lamps / halogen lamps

| IONE | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 00 |
| | | | | 34° | Ø.**113Ø1**.ØØ | |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | |
| | | | | Mira* | Ø.**113Ø3**.ØØ | |
| MH IOS MH2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 64 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 65 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH2 UV/IR<br>MH IOS MH2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 59 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 79 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| HALO IOS HL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS HL2 | 18° | Ø.**113ØØ**.ØØ | 00 |
| | | | | 24° | Ø.**113Ø1**.ØØ | |
| | | | | 30° | Ø.**113Ø2**.ØØ | |
| HALO IOS HL2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS HL2 | 18° | Ø.**113ØØ**.ØØ | 64 |
| | | | | 24° | Ø.**113Ø1**.ØØ | 65 |
| | | | | 30° | Ø.**113Ø2**.ØØ | 66 |
| | | | | | | 67 |
| HALO IOS HL2 UV/IR<br>HALO IOS HL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS HL2 | 18° | Ø.**113ØØ**.ØØ | 59 |
| | | | | 24° | Ø.**113Ø1**.ØØ | 79 |
| | | | | 30° | Ø.**113Ø2**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| |  | accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø**2289**.ØØ | 10<br>21<br>28 |

* elliptical beam

possible configuration — Ø.113ØØ.ØØ 00



# CUBIOS

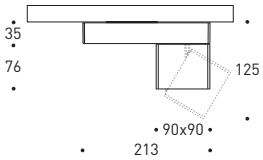
## adjustable projector

design by: **Fabio Reggiani**

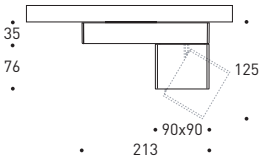
## Adjustable projector for 3-circuit track mounting

10 21 28








IP20 | IOS | 850° | 356° | 60°-90° | g 1070

IP40 | IOS | 850° | 356° | 60°-90° | g 1070

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | BC15 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| | | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . BC15 A . HQ 10 | | | | |

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | BC17 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 3617 | 3000 | >80 | 21 |
| | | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . BC17 A . HQ 10 | | | | |

**38 W** — **4000 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL7 | | | | | | |
| Ø | | BC18 | N | 14° | HQ | 3578 | 3000 | >90 | 10 |
| | | | P | 21° | WW | 4329 | 3000 | >80 | 21 |
| | | | Q | 30° | NN | 4480 | 4000 | >80 | 28 |
| | | | R | 36° | | | | | |
| | | | S | 40° | | | | | |
| | | | T | 69° | | | | | |
| | | | U | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . BC18 A . HQ 10 | | | | |

LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

Accessories (pg. 439). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709).

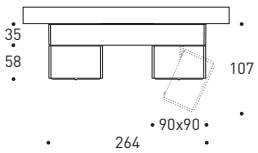
LED IOS LL7 | LED IOS LL7 FOOD | 1 HOUR

Accessories (pg. 439). Components for track (pg. 548-553).
Photometric data (pg. 736-737).

## Adjustable projector for 3-circuit track mounting

10 21 28






IP40 IOS 850° 356° 60°-90° g 1640

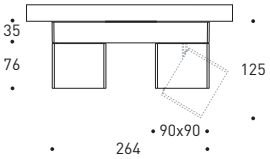
2x13 W — 2x1500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| Ø | | CC1R | A | 11° | HQ | 2x1221 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 2x1500 | 3000 | >80 | 21 |
| | | | C | 21° | NN | 2x1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . CC1R A . HQ 10 | | | | | | |

LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

Accessories (pg. 439). Components for track (pg. 548-553).
Photometric data (pg. 704-705 ).






IP40 IOS 850° 356° 60°-90° g 1346

2x13 W — 2x1500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| Ø | | DC1R | A | 11° | HQ | 2x1221 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 2x1500 | 3000 | >80 | 21 |
| | | | C | 21° | NN | 2x1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . DC1R A . HQ 10 | | | | | | |

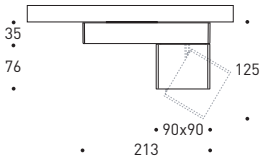
LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

Accessories (pg. 439). Components for track (pg. 548-553).
Photometric data (pg. 704-705 ).

## Adjustable projector for metal halide lamps and halogen lamps

10 21 28





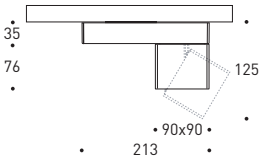

IP40 | IOS | 850° | 356° | 60°-90° | g 1123

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.222Ø1.ØØ | | 14° | 10 |
| Ø.222Ø2.ØØ | | 34° | 21 |
| Ø.222Ø3.ØØ | | 56° | 28 |
| Ø.222Ø4.ØØ | | Mira | |
| **35 W** | | | |
| Ø.22211.ØØ | | 14° | 10 |
| Ø.22212.ØØ | | 34° | 21 |
| Ø. 22213.ØØ | | 56° | 28 |
| Ø. 22214.ØØ | | Mira | |
| **50 W** | | | |
| Ø.22231.ØØ | | 14° | 10 |
| Ø.22232.ØØ | | 34° | 21 |
| Ø.22233.ØØ | | 56° | 28 |
| Ø.22234.ØØ | | Mira | |
| possible configuration | | Ø.222Ø1.ØØ 10 | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

Accessories (pg. 439). Components for track (pg. 548-553).
Photometric data (pg. 767).






IP40 | IOS | 850° | 356° | 60°-90° | g 1123

| HALO IOS | QT-12 GY6.35 | IOS HL2 optics | finish reference |
|---|---|---|---|
| **50 W / 12V** | | | |
| Ø.22221.ØØ | | 18° | 10 |
| Ø.22222.ØØ | | 24° | 21 |
| Ø.22223.ØØ | | 30° | 28 |
| possible configuration | | Ø.22221.ØØ 10 | |

HALO IOS HL2 | HALO IOS HL2 FOOD | HALO IOS HL2 UV/IR | HALO IOS HL2

Accessories (pg. 439). Components for track (pg. 548-553).
Photometric data (pg. 772).

## Accessories
LED

| CUBIOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.**35Ø5Ø**.ØØ | 00 |
| | | | B | 15° | Ø.**35Ø49**.ØØ | |
| | | | C | 21° | Ø.**35Ø51**.ØØ | |
| | | | D | 29° | Ø.**35Ø52**.ØØ | |
| | | | E | 51° | Ø.**35Ø53**.ØØ | |
| | | | F | Mira* | Ø.**35Ø54**.ØØ | |
| | | | H | W. W. | Ø.**35Ø59**.ØØ | |
| LED IOS LL2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.**35Ø5Ø**.ØØ | 64 |
| | | | | 15° | Ø.**35Ø49**.ØØ | 65 |
| | | | | 21° | Ø.**35Ø51**.ØØ | 66 |
| | | | | 29° | Ø.**35Ø52**.ØØ | 67 |
| | | | | 51° | Ø.**35Ø53**.ØØ | |
| LED IOS LL7 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | N | 14° | Ø.**35169**.ØØ | 00 |
| | | | P | 21° | Ø.**3517Ø**.ØØ | |
| | | | Q | 30° | Ø.**35171**.ØØ | |
| | | | R | 36° | Ø.**35172**.ØØ | |
| | | | S | 40° | Ø.**35173**.ØØ | |
| | | | T | 69° | Ø.**35174**.ØØ | |
| | | | U | Mira* | Ø.**35175**.ØØ | |
| LED IOS LL7 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL7 | 14° | Ø.**35169**.ØØ | 64 |
| | | | | 21° | Ø.**3517Ø**.ØØ | 65 |
| | | | | 30° | Ø.**35171**.ØØ | 66 |
| | | | | 36° | Ø.**35172**.ØØ | 67 |
| | | | | 40° | Ø.**35173**.ØØ | |
| | | | | 69° | Ø.**35174**.ØØ | |
| 1 HOUR | | emergency pack for LED luminaires including Ni/Cd battery with 1h back-up | | | Ø.**35Ø87**.ØØ | 10<br>21<br>28 |
| | | accessory for the installation of surface-maounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø**2289**.ØØ | 10<br>21<br>28 |

* elliptical beam

possible configuration Ø.**35Ø5Ø**.ØØ 00

## Accessories
metal halide lamps / halogen lamps

| CUBIOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 00 |
| | | | | 34° | Ø.**113Ø1**.ØØ | |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | |
| | | | | Mira* | Ø.**113Ø3**.ØØ | |
| MH IOS MH2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 64 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 65 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH2 UV/IR<br>MH IOS MH2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 59 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 79 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| HALO IOS HL2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS HL2 | 18° | Ø.**113ØØ**.ØØ | 00 |
| | | | | 24° | Ø.**113Ø1**.ØØ | |
| | | | | 30° | Ø.**113Ø2**.ØØ | |
| HALO IOS HL2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS HL2 | 18° | Ø.**113ØØ**.ØØ | 64 |
| | | | | 24° | Ø.**113Ø1**.ØØ | 65 |
| | | | | 30° | Ø.**113Ø2**.ØØ | 66 |
| | | | | | | 67 |
| HALO IOS HL2 UV/IR<br>HALO IOS HL2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS HL2 | 18° | Ø.**113ØØ**.ØØ | 59 |
| | | | | 24° | Ø.**113Ø1**.ØØ | 79 |
| | | | | 30° | Ø.**113Ø2**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| | | accessory for the installation of surface-maounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø**2289**.ØØ | 10<br>21<br>28 |

* elliptical beam

possible configuration Ø.**113ØØ**.ØØ 00



# KYNEO

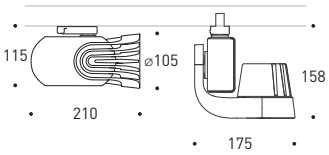
## adjustable projector

design by: **MOMO**Design

## Adjustable projector for 3-circuit track mounting






IP20 | IOS | 850° | 356° | 120° | g 1430

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | driver reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| Ø | | ØC33 | A | 11° | HQ | 1221 | 3000 | >90 | E6 |
| V* | | | B | 15° | WW | 1500 | 3000 | >80 | E7 |
| D* | | | C | 21° | NN | 1661 | 4000 | >80 | E8 |
| T** | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø, ØC33, A, HQ, E6 | | | | |

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | driver reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| Ø | | ØC37 | A | 11° | HQ | 2944 | 3000 | >90 | E6 |
| V* | | | B | 15° | WW | 3617 | 3000 | >80 | E7 |
| D* | | | C | 21° | NN | 3798 | 4000 | >80 | E8 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø, ØC37, A, HQ, E6 | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | driver reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| Ø | | ØC35 | A | 11° | HQ | 2038 | 3000 | >90 | E6 |
| V* | | | B | 15° | WW | 2650 | 3000 | >80 | E7 |
| D* | | | C | 21° | NN | 2759 | 4000 | >80 | E8 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø, ØC35, A, HQ, E6 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
** Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

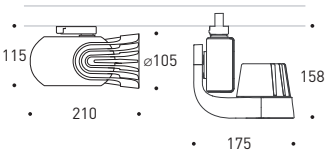
LED IOS LL2 | LED IOS LL2 FOOD

Accessories (pg. 447). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709 / 712-713).

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## Adjustable projector for 3-circuit track mounting






IP20 | IOS | 850° | 356° | 120° | g 1430

**38 W** — **4000 lm**

| LED | driver reference | product reference | optics reference | | driver reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL7 | | | nom. lm | K | CRI | |
| | Ø | ØC38 | N | 14° | HQ | 3578 | 3000 | >90 | E6 |
| | V* | | P | 21° | WW | 4329 | 3000 | >80 | E7 |
| | D* | | Q | 30° | NN | 4480 | 4000 | >80 | E8 |
| | | | R | 36° | | | | | |
| | | | S | 40° | | | | | |
| | | | T | 69° | | | | | |
| | | | U | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . ØC38 A . HQ E6 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

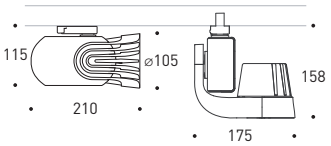
LED IOS LL7 | LED IOS LL7 FOOD

Accessories (pg. 447). Components for track (pg. 548-553).
Photometric data (pg. 736-737).

## Adjustable projector for metal halide lamps



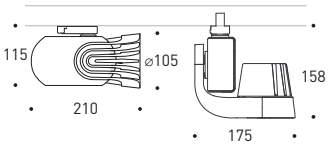



IP20 | IOS | 850° | 356° | 120° | g 1316

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.235Ø1.ØØ | | 14° | E6 |
| Ø.235Ø2.ØØ | | 34° | E7 |
| Ø.235Ø3.ØØ | | 56° | E8 |
| Ø.235Ø4.ØØ | | Mira | |
| **35 W** | | | |
| Ø.235Ø6.ØØ | | 14° | E6 |
| Ø.235Ø7.ØØ | | 34° | E7 |
| Ø. 235Ø8.ØØ | | 56° | E8 |
| Ø.235Ø9.ØØ | | Mira | |
| **50 W** | | | |
| Ø.5Ø062.ØØ | | 14° | E6 |
| Ø.5Ø063.ØØ | | 34° | E7 |
| Ø.5Ø064.ØØ | | 56° | E8 |
| Ø.5Ø065.ØØ | | Mira | |
| **70 W** | | | |
| Ø.23511.ØØ | | 16° | E6 |
| Ø.23512.ØØ | | 34° | E7 |
| Ø.23513.ØØ | | 58° | E8 |
| Ø. 23514.ØØ | | Mira | |
| possible configuration | | Ø.235Ø1.ØØ E6 | |






IP20 | IOS | 850° | 356° | 120° | g 1316

| MH IOS | CDM-T G12 | IOS MH3 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.23551.ØØ | | 12° | E6 |
| Ø.23552.ØØ | | 24° | E7 |
| Ø.23553.ØØ | | 74° | E8 |
| Ø.23554.ØØ | | Mira | |
| **35 W** | | | |
| Ø.23556.ØØ | | 12° | E6 |
| Ø.23557.ØØ | | 22° | E7 |
| Ø.23558.ØØ | | 74° | E8 |
| Ø.23559.ØØ | | Mira | |
| **50 W** | | | |
| Ø.5Ø066.ØØ | | 12° | E6 |
| Ø.5Ø067.ØØ | | 24° | E7 |
| Ø.5Ø068.ØØ | | 74° | E8 |
| Ø.5Ø069.ØØ | | Mira | |
| **70 W** | | | |
| Ø.23561.ØØ | | 14° | E6 |
| Ø.23562.ØØ | | 24° | E7 |
| Ø.23563.ØØ | | 78° | E8 |
| Ø.23564.ØØ | | Mira | |
| possible configuration | | Ø.23551.ØØ E6 | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

Accessories (pg. 447). Components for track (pg. 548-553).
Photometric data (pg. 767).

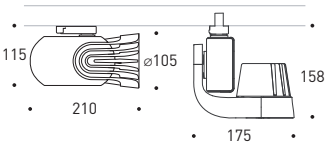
MH IOS MH3 | MH IOS MH3 FOOD | MH IOS MH3 UV/IR | MH IOS MH3

Accessories (pg. 447). Components for track (pg. 548-553).
Photometric data (pg. 768).

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## Adjustable projector for halogen lamps






IP20 | IOS | 850° | 356° | 120° | g 1316

| HALO IOS | QT-12 GY6.5 | IOS HL2 optics | finish reference |
|---|---|---|---|
| 50 W / 12 V | | | |
| Ø.237Ø1.ØØ | | 18° | E6 |
| Ø. 237Ø2.ØØ | | 24° | E7 |
| Ø.237Ø3.ØØ | | 30° | E8 |
| possible configuration | | Ø.237Ø1.ØØ E6 | |

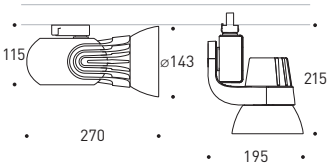
HALO IOS HL2 | HALO IOS HL2 FOOD | HALO IOS HL2 UV/IR | HALO IOS HL2

Accessories (pg. 448). Components for track (pg. 548-553).
Photometric data (pg. 772).

## Adjustable projector for metal halide lamps and halogen lamps





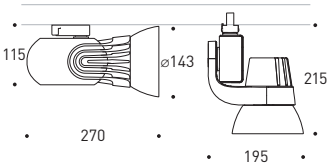

IP20 | | IOS | 850° | 356° | 120° | g 1578 |

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.**236Ø1**.ØØ | | 14° | E6 |
| Ø.**236Ø2**.ØØ | | 22° | E7 |
| Ø.**236Ø3**.ØØ | | 28° | E8 |
| Ø.**236Ø4**.ØØ | | 50° | |
| Ø.**236Ø5**.ØØ | | Mira | |
| **35 W** | | | |
| Ø.**23611**.ØØ | | 14° | E6 |
| Ø.**23612**.ØØ | | 22° | E7 |
| Ø.**23613**.ØØ | | 28° | E8 |
| Ø.**23614**.ØØ | | 50° | |
| Ø.**23615**.ØØ | | Mira | |
| **50 W** | | | |
| Ø.**5ØØ7Ø**.ØØ | | 14° | E6 |
| Ø.**5ØØ72**.ØØ | | 22° | E7 |
| Ø.**5ØØ73**.ØØ | | 28° | E8 |
| Ø.**5ØØ74**.ØØ | | 50° | |
| Ø.**5ØØ75**.ØØ | | Mira | |
| **70 W** | | | |
| Ø.**23621**.ØØ | | 14° | E6 |
| Ø.**23622**.ØØ | | 22° | E7 |
| Ø.**23623**.ØØ | | 28° | E8 |
| Ø.**23624**.ØØ | | 50° | |
| Ø.**23625**.ØØ | | Mira | |
| possible configuration | | Ø.236Ø1.ØØ E6 | |

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5 |

Accessories (pg. 448). Components for track (pg. 548-553).
Photometric data (pg. 770-771).





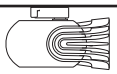

IP20 | | IOS | 850° | 356° | 120° | g 1316 |

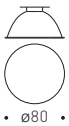
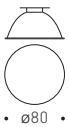
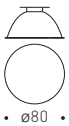
| HALO IOS | QT-14 G9 | IOS HL5 optics | finish reference |
|---|---|---|---|
| **60 W** | | | |
| Ø.**23751**.ØØ | | 8° | E6 |
| Ø.**23752**.ØØ | | 11° | E7 |
| Ø.**23753**.ØØ | | 25° | E8 |
| possible configuration | | Ø.23751.ØØ E6 | |

HALO IOS HL5 | HALO IOS HL5 FOOD | HALO IOS HL5 UV/IR | HALO IOS HL5 |

Accessories (pg. 448). Components for track (pg. 548-553).
Photometric data (pg. 773).

## Accessories
LED

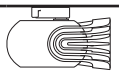


| KYNEO | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 |  | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.**3505Ø**.ØØ | 00 |
| | | | B | 15° | Ø.**3504Ø**.ØØ | |
| | | | C | 21° | Ø.**3505Ø**.ØØ | |
| | | | D | 29° | Ø.**3505Ø**.ØØ | |
| | | | E | 51° | Ø.**3505Ø**.ØØ | |
| | | | F | Mira* | Ø.**3505Ø**.ØØ | |
| | | | H | W. W. | Ø.**3505Ø**.ØØ | |
| LED IOS LL2 FOOD |  | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.**3505Ø**.ØØ | 64<br>65<br>66<br>67 |
| | | | | 15° | Ø.**3504Ø**.ØØ | |
| | | | | 21° | Ø.**3505Ø**.ØØ | |
| | | | | 29° | Ø.**3505Ø**.ØØ | |
| | | | | 51° | Ø.**3505Ø**.ØØ | |
| LED IOS LL7 |  | interchangeable optical system<br><br>shield finish:<br>**00** clear | N | 14° | Ø.**3516Ø**.ØØ | 00 |
| | | | P | 21° | Ø.**3517Ø**.ØØ | |
| | | | Q | 30° | Ø.**3517Ø**.ØØ | |
| | | | R | 36° | Ø.**3517Ø**.ØØ | |
| | | | S | 40° | Ø.**3517Ø**.ØØ | |
| | | | T | 69° | Ø.**3517Ø**.ØØ | |
| | | | U | Mira* | Ø.**3517Ø**.ØØ | |
| LED IOS LL7 FOOD |  | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL7 | 14° | Ø.**3516Ø**.ØØ | 64<br>65<br>66<br>67 |
| | | | | 21° | Ø.**3517Ø**.ØØ | |
| | | | | 30° | Ø.**3517Ø**.ØØ | |
| | | | | 36° | Ø.**3517Ø**.ØØ | |
| | | | | 40° | Ø.**3517Ø**.ØØ | |
| | | | | 69° | Ø.**3517Ø**.ØØ | |
| |  | accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø**2289**.ØØ | 10<br>21<br>28 |

* elliptical beam

possible configuration — Ø.**3505Ø**.ØØ 00

## Accessories
metal halide lamps

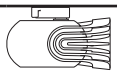


| KYNEO | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 |  | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16° | Ø.**1130Ø**.ØØ | 00 |
| | | | | 34° | Ø.**1130Ø**.ØØ | |
| | | | | 56°/58° | Ø.**1130Ø**.ØØ | |
| | | | | Mira* | Ø.**1130Ø**.ØØ | |
| MH IOS MH2 FOOD |  | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16° | Ø.**1130Ø**.ØØ | 64<br>65<br>66<br>67 |
| | | | | 34° | Ø.**1130Ø**.ØØ | |
| | | | | 56°/58° | Ø.**1130Ø**.ØØ | |
| MH IOS MH2 UV/IR<br>MH IOS MH2 |  | interchangeable optical system<br><br>shield finish:<br>**59** IR- **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16° | Ø.**1130Ø**.ØØ | 59<br>79<br>74<br>75<br>76<br>77 |
| | | | | 34° | Ø.**1130Ø**.ØØ | |
| | | | | 56°/58° | Ø.**1130Ø**.ØØ | |
| MH IOS MH3 |  | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH3 | 12°/14° | Ø.**1130Ø**.ØØ | 00 |
| | | | | 22°/24° | Ø.**1130Ø**.ØØ | |
| | | | | 74°/78° | Ø.**1130Ø**.ØØ | |
| | | | | Mira* | Ø.**1130Ø**.ØØ | |
| MH IOS MH3 FOOD |  | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH3 | 12°/14° | Ø.**1130Ø**.ØØ | 64<br>65<br>66<br>67 |
| | | | | 22°/24° | Ø.**1130Ø**.ØØ | |
| | | | | 74°/78° | Ø.**1130Ø**.ØØ | |
| MH IOS MH3 UV/IR<br>MH IOS MH3 |  | interchangeable optical system<br><br>shield finish:<br>**59** IR- **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH3 | 12°/14° | Ø.**1130Ø**.ØØ | 59<br>79<br>74<br>75<br>76<br>77 |
| | | | | 22°/24° | Ø.**1130Ø**.ØØ | |
| | | | | 74°/78° | Ø.**1130Ø**.ØØ | |
| |  | accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø**2289**.ØØ | 10<br>21<br>28 |

* elliptical beam

possible configuration — Ø.**1130Ø**.ØØ 00

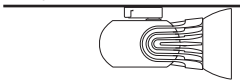
## Accessories
halogena lamps



| KYNEO | | details | IOS MH5 | | reference | finish reference |
|---|---|---|---|---|---|---|
| HALO IOS HL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS HL2 | 18°<br>24°<br>30° | Ø.**11300**.ØØ<br>Ø.**11301**.ØØ<br>Ø.**11302**.ØØ | 00 |
| HALO IOS HL2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS HL2 | 18°<br>24°<br>30° | Ø.**11300**.ØØ<br>Ø.**11301**.ØØ<br>Ø.**11302**.ØØ | 64<br>65<br>66<br>67 |
| HALO IOS HL2 UV/IR<br>HALO IOS HL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS HL2 | 18°<br>24°<br>30° | Ø.**11300**.ØØ<br>Ø.**11301**.ØØ<br>Ø.**11302**.ØØ | 59<br>79<br>74<br>75<br>76<br>77 |
| | | accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø**2289**.ØØ | 10<br>21<br>28 |

| possible configuration | Ø.**11310**.ØØ 00 |
|---|---|

## Accessories
metal halide lamps / halogen lamps



| KYNEO | | details | IOS MH5 | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH5 |  • ø130 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH5 | 14°<br>22°<br>28°<br>50°<br>Mira* | Ø.**11310**.ØØ<br>Ø.**11311**.ØØ<br>Ø.**11318**.ØØ<br>Ø.**11312**.ØØ<br>Ø.**11313**.ØØ | 00 |
| MH IOS MH5 FOOD |  • ø130 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH5 | 14°<br>22°<br>28°<br>50° | Ø.**11310**.ØØ<br>Ø.**11311**.ØØ<br>Ø.**11318**.ØØ<br>Ø.**11312**.ØØ | 64<br>65<br>66<br>67 |
| MH IOS MH5 UV/IR<br>MH IOS MH5 |  • ø130 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH5 | 14°<br>22°<br>28°<br>50° | Ø.**11310**.ØØ<br>Ø.**11311**.ØØ<br>Ø.**11318**.ØØ<br>Ø.**11312**.ØØ | 59<br>79<br>74<br>75<br>76<br>77 |
| HALO IOS HL5 |  • ø130 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH5 | 14°<br>22°<br>28°<br>50°<br>Mira* | Ø.**11310**.ØØ<br>Ø.**11311**.ØØ<br>Ø.**11318**.ØØ<br>Ø.**11312**.ØØ<br>Ø.**11313**.ØØ | 00 |
| HALO IOS HL5 FOOD |  • ø130 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH5 | 14°<br>22°<br>28°<br>50° | Ø.**11310**.ØØ<br>Ø.**11311**.ØØ<br>Ø.**11318**.ØØ<br>Ø.**11312**.ØØ | 64<br>65<br>66<br>67 |
| HALO IOS HL5 UV/IR<br>HALO IOS HL5 |  • ø130 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH5 | 14°<br>22°<br>28°<br>50° | Ø.**11310**.ØØ<br>Ø.**11311**.ØØ<br>Ø.**11318**.ØØ<br>Ø.**11312**.ØØ | 59<br>79<br>74<br>75<br>76<br>77 |
| | | accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø**2289**.ØØ | 10<br>21<br>28 |

* elliptical beam

| possible configuration | Ø.**11310**.ØØ 00 |
|---|---|



MomoDesign showroom - Milan, Italy



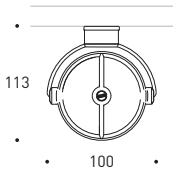
# TOBULED

## adjustable projector

design by: **Fabio Reggiani**

## Adjustable projector for mounting on SELV track






IP20 | IOS | 850° | 360° | 110° | -110° | g 294

**7 W** — **810 lm**

| LED | driver reference | product reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| | | | ▲ | | | | | |
| | Ø | BE11Ø | 13° | HW | 633 | 2700 | >90 | E9 |
| | | | | HQ | 650 | 3000 | >90 | |
| | | | | WW | 810 | 3000 | >80 | |
| | | | | NN | 860 | 4000 | >80 | |
| | Ø | CE11Ø | 14° | HW | 633 | 2700 | >90 | |
| | | | | HQ | 650 | 3000 | >90 | E9 |
| | | | | WW | 810 | 3000 | >80 | |
| | | | | NN | 860 | 4000 | >80 | |
| | Ø | DE11Ø | 28° | HW | 633 | 2700 | >90 | E9 |
| | | | | HQ | 650 | 3000 | >90 | |
| | | | | WW | 810 | 3000 | >80 | |
| | | | | NN | 860 | 4000 | >80 | |

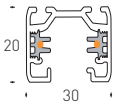
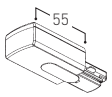
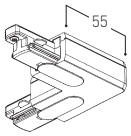
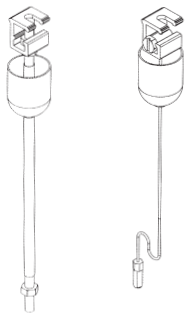
**7 W** — **810 lm**

| LED | driver reference | product reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| | | | ▲ | | | | | |
| | Ø | FE11Ø | 36° | HW | 633 | 2700 | >90 | E9 |
| | | | | HQ | 650 | 3000 | >90 | |
| | | | | WW | 810 | 3000 | >80 | |
| | | | | NN | 860 | 4000 | >80 | |
| | Ø | GE11Ø | 68° | HW | 633 | 2700 | >90 | E9 |
| | | | | HQ | 650 | 3000 | >90 | |
| | | | | WW | 810 | 3000 | >80 | |
| | | | | NN | 860 | 4000 | >80 | |
| | Ø | HE11Ø | 86° | HW | 633 | 2700 | >90 | E9 |
| | | | | HQ | 650 | 3000 | >90 | |
| | | | | WW | 810 | 3000 | >80 | |
| | | | | NN | 860 | 4000 | >80 | |
| | possible configuration | | | Ø . BE11Ø . HQ E9 | | | | |

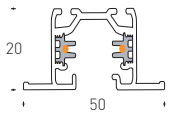
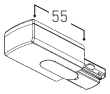
When ordering, it is necessary to indicate the references for: the projector, the dedicated track (surface or recessed) in the desired length, the driver with live end, the end cap dead end and any other accessories if the design includes provision for these (connector, elbow, suspension set).

Components for track (pg. 453-454).
Photometric data (pg. 703).

## Components for the installation of projectors on SELV surface-mounted track

| **TOBULED** | details | l/mm | reference | finish reference | possible configuration |
|---|---|---|---|---|---|
|    | surface-mounted 1-circuit track, 1-circuit, IP20 (37vcc /4a).<br><br>TobuLed projectors that are coupled with 40010/40011 drivers are guaranteed correct power supply extending to a maximum of 10 m. | 2000 | Ø.Ø**22ØØ**.ØØ | 10 | Ø.Ø22ØØ.ØØ 10 |
| | | 3000 | Ø.Ø**2201**.ØØ | 21 | |
| | | 4000 | Ø.Ø**2202**.ØØ | 30 | |
|  | driver with live end<br><br>150 watt (37 vcc)<br>max 20 TobuLed projectors | | Ø.**4ØØ1Ø**.ØØ | 10<br>21 | Ø.4ØØ1Ø.ØØ 10 |
| * To use if the driver is positioned in the false ceiling or for remote use *(maximum distance between driver and TobuLed projector: 10 m)* | live end (left) * | | Ø.Ø**22Ø8**.ØØ | 10<br>21 | Ø.Ø22Ø8.ØØ 10 |
|   | live end, mirror image (right) * | | Ø.Ø**22Ø9**.ØØ | 10<br>21 | Ø.Ø22Ø9.ØØ 10 |
|   | 90° elbow earth inside | | Ø.Ø**2213**.ØØ | 10<br>21 | Ø.Ø2213.ØØ 10 |
| | 90° elbow earth outside | | Ø.Ø**2214**.ØØ | 10<br>21 | Ø.Ø2214.ØØ 10 |
|   | height adjusting sleeve | | Ø.Ø**2225**.ØØ | 30 | Ø.Ø2225.ØØ 30 |
| Ø.Ø**2223**.ØØ Ø.Ø**2224**.ØØ  | rod suspension set length 1000 mm | | Ø.Ø**2223**.ØØ | 10<br>21 | Ø.Ø2223.ØØ 10 |
| | steel wire suspension set length 1500 mm | | Ø.Ø**2224**.ØØ | 10<br>21 | Ø.Ø2223.ØØ 10 |
|  | straight connector | | Ø.Ø**2211**.ØØ | 10<br>21 | Ø.Ø2211.ØØ 10 |
|  | end cap (dead end) | | Ø.Ø**2220**.ØØ | 10<br>21 | Ø.Ø2220.ØØ 10 |

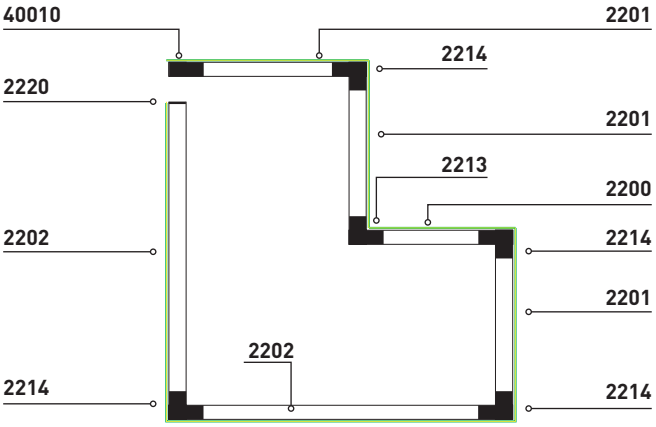
## Components for the installation of projectors on SELV recessed track

| TOBULED | | details | l/mm | reference | finish reference | possible configuration |
|---|---|---|---|---|---|---|
|  |  | recessed 1-circuit track, IP20 (37vcc /4a).<br><br>TobuLed projectors that are coupled with 40010/40011 drivers are guaranteed correct power supply extending to a maximum of 10 m. | 2000 | Ø. Ø**22Ø5**.ØØ | 10 | Ø.Ø**22Ø5**.ØØ 10 |
| | | | 3000 | Ø.Ø**22Ø6**.ØØ | 21 | |
| | | | 4000 | Ø.Ø**22Ø7**.ØØ | 30 | |
| |  | driver with live end<br><br>150 watt (37 vcc)<br>max 20 TobuLed projectors | | Ø.**4ØØ1Ø**.ØØ | 10<br>21 | Ø.**4ØØ1Ø**.ØØ 10 |
| * To use if the driver is positioned in the false ceiling or for remote use *(maximum distance between driver and TobuLed projector: 10 m)* |  | live end (left) * | | Ø.Ø**22Ø8**.ØØ | 10<br>21 | Ø.Ø**22Ø8**.ØØ 10 |
| | | live end, mirror image (right) * | | Ø.Ø**22Ø9**.ØØ | 10<br>21 | Ø.Ø**22Ø9**.ØØ 10 |
| |  | straight connector | | Ø.Ø**2211**.ØØ | 10<br>21 | Ø.Ø2211.ØØ 10 |

## Configuration example

Configuration example for surface mounted track




Configuration example for recessed track



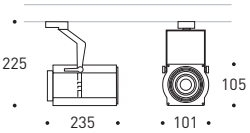


# ZEROZEROUNO
## adjustable projector

## Adjustable projector for 3-circuit track mounting






IP20 | IOS | 850° | 356° | 90° | g 1762

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | B533 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| T** | | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . B533 A . HQ 10 | | | | | | |

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | B537 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 3617 | 3000 | >80 | 21 |
| V* | | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . B537 A . HQ 10 | | | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | B535 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| V* | | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . B535 A . HQ 10 | | | | | | |

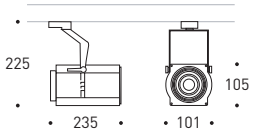
* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
** Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

LED IOS LL2 | LED IOS LL2 FOOD | 45°

Accessories (pg. 467). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709 / 712-713).

## Adjustable projector for 3-circuit track mounting






IP20 | IOS | 850° | 356° | 90° | g 1857

**46 W** — **4500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL7 | | | | | | |
| | Ø | B539 | N | 14° | HQ | 4147 | 3000 | >90 | 10 |
| | V* | | P | 21° | WW | 5017 | 3000 | >80 | 21 |
| | | | Q | 30° | NN | 5196 | 4000 | >80 | 28 |
| | | | R | 36° | | | | | |
| | | | S | 40° | | | | | |
| | | | T | 69° | | | | | |
| | | | U | Mira | | | | | |
| | | | K | without optics | | | | | |
| | possible configuration | | | | Ø . B539 K . HQ 10 | | | | |

* Tthe track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

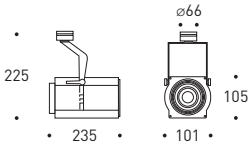
LED IOS LL7 | LED IOS LL7 FOOD | 45°

Accessories (pg. 467). Components for track (pg. 548-553).
Photometric data (pg. 738-739).

## Adjustable projector for surface mounting






IP40 | IOS | 850° | 356° | 90° | g 1843

**13 W — 1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | C533 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| T** | | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . C533 A . HQ 10

**30 W — 3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | C537 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 3617 | 3000 | >80 | 21 |
| V* | | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . C537 A . HQ 10

**22 W — 2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | C535 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| V* | | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . C535 A . HQ 10

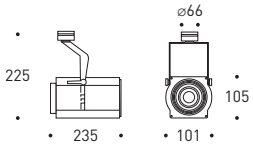
* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
** Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

LED IOS LL2 | LED IOS LL2 FOOD | 45°

Accessories (pg. 467).
Photometric data (pg. 704-705 / 708-709 / 712-713).

## Adjustable projector for surface mounting






IP40 | IOS | 850° | 356° | 90° | g 1867

**46 W** — **4500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL7 | | | | | | |
| | Ø | C539 | N | 14° | HQ | 4147 | 3000 | >90 | 10 |
| | V* | | P | 21° | WW | 5017 | 3000 | >80 | 21 |
| | | | Q | 30° | NN | 5196 | 4000 | >80 | 28 |
| | | | R | 36° | | | | | |
| | | | S | 40° | | | | | |
| | | | T | 69° | | | | | |
| | | | U | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . C539 . K . HQ . 10 | | | | |

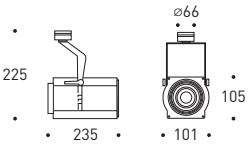
* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

LED IOS LL7 | LED IOS LL7 FOOD | 45°

Accessories (pg. 467).
Photometric data (pg. 738-739).

## Adjustable projector for metal halide lamps






IP20 | 850° | 356° | 90° | g 1570

| MH | CDM-TC G8.5 | beam width | finish reference |
|---|---|---|---|
| 35 W | | | |
| Ø.Ø274Ø.ØØ | | 62° | 10 |
| | | | 21 |
| | | | 28 |
| possible configuration | | Ø.Ø274Ø.ØØ 10 | |

45°

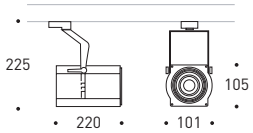
Accessories (pg. 467).

REGGIANI

## Adjustable projector for halogen lamps

10 21 28






IP20 850° 356° 90° g 2018

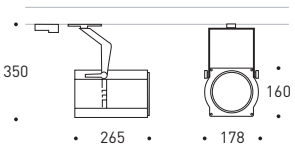
| HALO | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 20 / 35 / 50 W - 12V | | | |
| Ø.**Ø2726.**EV | | / | 10 |
| | | | 21 |
| | | | 28 |
| possible configuration | | Ø.**21785.**EV 10 | |

45°

Accessories (pg. 467). Components for track (pg. 548-553).

## Adjustable projector for low voltage metal halide lamps and halogen lamps





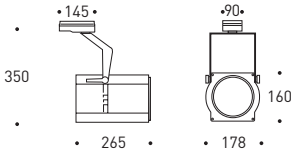

IP20 | 850° | 356° | 90° | g 5519

| MH | CDM-T G12 | adjustable symmetric beam | finish reference |
|---|---|---|---|
| 70 W | | | |
| Ø.**Ø2826.**EV | | 34° - 64° | 10 / 21 / 28 |
| 150 W | | | |
| Ø.**Ø2827.**EV | | 36° - 70° | 10 / 21 / 28 |
| possible configuration | | Ø.Ø2826.EV10 | |

| MH | CDM-T G12 | adjustable asymmetric beam | finish reference |
|---|---|---|---|
| 70 W | | | |
| Ø.**Ø2822.**EV | | γ= 14° - 20° | 10 / 21 / 28 |
| 150 W | | | |
| Ø.**Ø2823.**EV | | γ= 16° - 22° | 10 / 21 / 28 |
| possible configuration | | Ø.Ø2822.EV10 | |

Accessories (pg. 467). Components for track (pg. 548-553).






IP40 | 850° | 356° | 90° | g 5519

| MH | CDM-T G12 | adjustable symmetric beam | finish reference |
|---|---|---|---|
| 70 W | | | |
| Ø.**Ø2846.**EV | | 34° - 64° | 10 / 21 / 28 |
| 150 W | | | |
| Ø.**Ø2747.**EV | | 36° - 70° | 10 / 21 / 28 |
| possible configuration | | Ø.Ø2846.EV10 | |

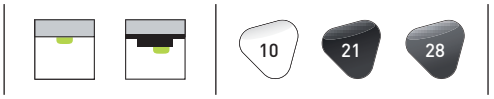
| MH | CDM-T G12 | adjustable asymmetric beam | finish reference |
|---|---|---|---|
| 70 W | | | |
| Ø.**Ø2844.**EV | | γ= 14° - 20° | 10 / 21 / 28 |
| 150 W | | | |
| Ø.**Ø2845.**EV | | γ= 16° - 22° | 10 / 21 / 28 |
| possible configuration | | Ø.Ø2822.EV10 | |

| HALO | QT-DE R7s | adjustable symmetric beam | finish reference |
|---|---|---|---|
| 120 W | | | |
| Ø.**Ø2824.**EV | | γ= 14° - 20° | 10 / 21 / 28 |
| possible configuration | | Ø.**Ø2824.**EV10 | |

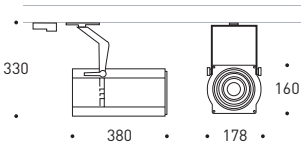
Accessories (pg. 467).

REGGIANI

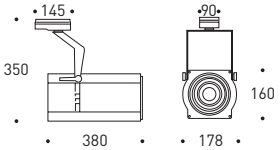
## Adjustable projector for metal halide lamps








IP20 | 850° | 356° | 90° | g 8318

IP40 | 850° | 356° | 90° | g 8318

| MH | CDM-T G12 | adjustable symmetric beam | finish reference |
|---|---|---|---|
| 70 W | | | |
| Ø.**Ø2828.**EV | | 20° - 70° | 10 / 21 / 28 |
| possible configuration | | Ø.**Ø2828.**EV 10 | |

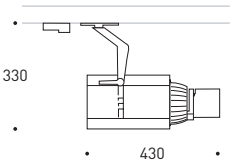
| MH | CDM-T G12 | adjustable symmetric beam | finish reference |
|---|---|---|---|
| 70 W | | | |
| Ø.**Ø2848.**EV | | 20° - 70° | 10 / 21 / 28 |
| possible configuration | | Ø.**Ø2848.**EV 10 | |

Accessories (pg. 467). Components for track (pg. 548-553).

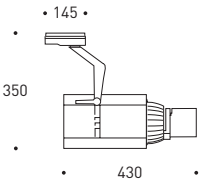
Accessories (pg. 467).

## Adjustable projector with framing projectors for metal halide lamps








IP20 | 850° | 356° | 90° | g 5286

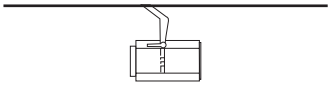
IP40 | 850° | 356° | 90° | g 5286

| MH | CDM-T G12 | | finish reference |
|---|---|---|---|
| 70 W | | | |
| Ø.**Ø2862.**EV | | / | 10 |
| | | | 21 |
| | | | 28 |
| 150 W | | | |
| Ø.**Ø2863.**EV | | / | 10 |
| | | | 21 |
| | | | 28 |
| possible configuration | | Ø.Ø2862.EV 10 | |

| MH | CDM-T G12 | | finish reference |
|---|---|---|---|
| 70 W | | | |
| Ø.**Ø2864.**EV | | / | 10 |
| | | | 21 |
| | | | 28 |
| 150 W | | | |
| Ø.**Ø2865.**EV | | / | 10 |
| | | | 21 |
| | | | 28 |
| possible configuration | | Ø.Ø2864.EV 10 | |

Components for track (pg. 548-553).

## Accessories
LED

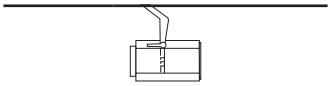


| ZEROZEROUNO SMALL | details | | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 | interchangeable optical system<br><br>shield finish:<br>**00** clear | • ø80 • | A | 11° | Ø.35Ø5Ø.ØØ | 00 |
| | | | B | 15° | Ø.35Ø49.ØØ | |
| | | | C | 21° | Ø.35Ø51.ØØ | |
| | | | D | 29° | Ø.35Ø52.ØØ | |
| | | | E | 51° | Ø.35Ø53.ØØ | |
| | | | F | Mira* | Ø.35Ø54.ØØ | |
| | | | H | W. W. | Ø.35Ø59.ØØ | |
| LED IOS LL2 FOOD | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | • ø80 • | IOS LL2 | 11° | Ø.35Ø5Ø.ØØ | 64 |
| | | | | 15° | Ø.35Ø49.ØØ | 65 |
| | | | | 21° | Ø.35Ø51.ØØ | 66 |
| | | | | 29° | Ø.35Ø52.ØØ | 67 |
| | | | | 51° | Ø.35Ø53.ØØ | |
| LED IOS LL7 | interchangeable optical system<br><br>shield finish:<br>**00** clear | • ø80 • | N | 14° | Ø.35169.ØØ | 00 |
| | | | P | 21° | Ø.35170.ØØ | |
| | | | Q | 30° | Ø.35171.ØØ | |
| | | | R | 36° | Ø.35172.ØØ | |
| | | | S | 40° | Ø.35173.ØØ | |
| | | | T | 69° | Ø.35174.ØØ | |
| | | | U | Mira* | Ø.35175.ØØ | |
| LED IOS LL7 FOOD | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | • ø80 • | IOS LL7 | 14° | Ø.35169.ØØ | 64 |
| | | | | 21° | Ø.35170.ØØ | 65 |
| | | | | 30° | Ø.35171.ØØ | 66 |
| | | | | 36° | Ø.35172.ØØ | 67 |
| | | | | 40° | Ø.35173.ØØ | |
| | | | | 69° | Ø.35174.ØØ | |
| 45° | anti-glare louvre | | | | Ø.39999.ØØ | 21 |

* fascio ellittico

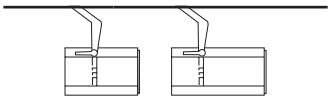
possible configuration: Ø.35ØØ5.ØØ 00

## Accessories
halogen lamps / metal halide lamps



| ZEROZEROUNO SMALL | details | reference | finish reference |
|---|---|---|---|
| | dichroic filters | Ø.Ø6945.ØØ | 74 |
| | shield finish:<br>**74** blue<br>**75** green<br>**76** yellow<br>**77** red | Ø.Ø6945.ØØ | 75 |
| | | Ø.Ø6945.ØØ | 76 |
| | | Ø.Ø6945.ØØ | 77 |
| 45° | anti-glare louvre | Ø.39999.ØØ | 21 |

possible configuration: Ø.Ø6945.ØØ 74



| ZEROZEROUNO | details | reference | finish reference |
|---|---|---|---|
| | dichroic filters | Ø.Ø2498.ØØ | 74 |
| | shield finish:<br>**74** blue<br>**75** green<br>**76** yellow<br>**77** red | Ø.Ø2498.ØØ | 75 |
| | | Ø.Ø2498.ØØ | 76 |
| | | Ø.Ø2498.ØØ | 77 |

possible configuration: Ø.Ø2498.ØØ 74



# BINK

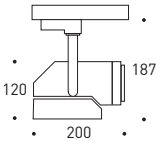
## adjustable projector

design by: **Promoluce**

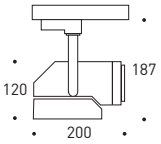
## Adjustable projector for metal halide lamps and halogen lamps

10 21 28








IP20 | 850° | 356° | 90° | g 350

**1x35W**

| MH | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø2796.**ØØ | | 22° | 10 |
| Ø.**Ø2797.**ØØ | | 62° | 21 |
| | | | 28 |

**1x50W**

| MH | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**5Ø27Ø.**ØØ | | 22° | 10 |
| Ø.**5Ø271.**ØØ | | 62° | 21 |
| | | | 28 |

**1x70W**

| MH | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø2798.**ØØ | | 22° | 10 |
| Ø.**Ø2799.**ØØ | | 62° | 21 |
| | | | 28 |
| possible configuration | | Ø.**Ø2796.**EV 10 | |

IP20 | 850° | 356° | 90° | g 350

**1x20/35/50W - 12V**

| HALO | QR-CB (GU5.3) HPF control gear | | finish reference |
|---|---|---|---|
| Ø.**Ø2762.**EV | | - | 10 |
| | | | 21 |
| | | | 28 |
| possible configuration | | Ø.**Ø2762.**EV 10 | |

FOOD

Accessories (pg. 475). Components for track (pg. 548-553).

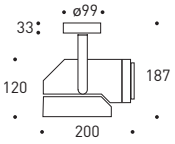
Components for track (pg. 548-553).

REGGIANI

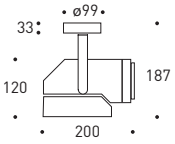
## Adjustable projector for metal halide lamps and halogen lamps

10 21 28








IP20 | 850° | 356° | 90° | g 1702

**1x35W**

| MH | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø2792.**ØØ | | 22° | 10 |
| Ø.**Ø2793.**ØØ | | 62° | 21 |
| | | | 28 |

**1x50W**

| MH | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**5Ø274.**ØØ | | 22° | 10 |
| Ø.**5Ø275.**ØØ | | 62° | 21 |
| | | | 28 |

**1x70W**

| MH | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø2794.**ØØ | | 22° | 10 |
| Ø.**Ø2795.**ØØ | | 62° | 21 |
| | | | 28 |
| possible configuration | | Ø.**Ø2792.**EV 10 | |

IP20 | 850° | 356° | 90° | g 1702

**1x20/35/50W - 12V**

| HALO | QR-CB (GU5.3) HPF control gear | lamp with built-in reflector | finish reference |
|---|---|---|---|
| Ø.**Ø2759.**EV | | - | 10 |
| | | | 21 |
| | | | 28 |
| possible configuration | | Ø.**Ø2759.**EV 10 | |

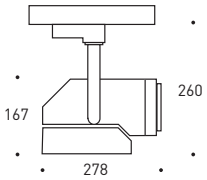
FOOD

Accessories (pg. 475).

## Adjustable projector for metal halide lamps









1x35W

| MH | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø2777.**ØØ | | 12° | 10 |
| Ø.**Ø2778.**ØØ | | 42° | 21 |
| | | | 28 |

1x35W

| MH | CDM-TC (G8.5) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø2765**.EV | | 18° | 10 |
| Ø.**Ø2766.**EV | | 32° | 21 |
| | | | 28 |

1x50W

| MH | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**5Ø278.**ØØ | | 12° | 10 |
| Ø.**5Ø279.**ØØ | | 42° | 21 |
| | | | 28 |

1x50W

| MH | CDM-TC (G8.5) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø2769**.EV | | 20° | 10 |
| Ø.**Ø277Ø.**EV | | 54° | 21 |
| | | | 28 |
| possible configuration | | Ø.Ø2765.EV 10 | |

1x70W

| MH | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø2781.**ØØ | | 12° | 10 |
| Ø.**Ø2782.**ØØ | | 42° | 21 |
| | | | 28 |
| possible configuration | | Ø.Ø2777.ØØ 10 | |



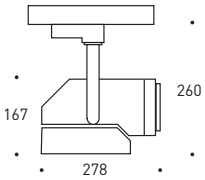

Accessories (pg. 475). Components for track (pg. 548-553).

REGGIANI

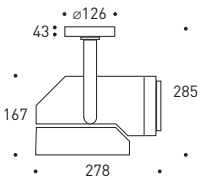
## Adjustable projector for halogen lamps and metal halide lamps

10 21 28








IP20 | 850° | 356° | 90° | g 2826

IP20 | 850° | 356° | 90° | g 350

1x65W - 12V

| HALO | QR-111 (G53) HPF control gear | lamp with built-in reflector | finish reference |
|---|---|---|---|
| Ø.**Ø2785.**EV | / | | 10 21 28 |
| possible configuration | | Ø.**Ø2765.**EV 10 | |

1x35W

| MH | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø2779.**ØØ | | 12° | 10 |
| Ø.**Ø278Ø.**ØØ | | 42° | 21 28 |

1x50W

| MH | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**5Ø284.**ØØ | | 12° | 10 |
| Ø.**5Ø285.**ØØ | | 42° | 21 28 |

1x70W

| MH | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø2783.**ØØ | | 12° | 10 |
| Ø.**Ø2784.**ØØ | | 42° | 21 28 |
| possible configuration | | Ø.Ø2779.ØØ 10 | |

FOOD

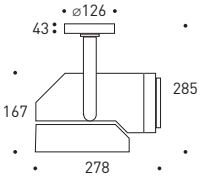
Components for track (pg. 548-553).

Accessories (pg. 475).

## Adjustable projector for metal halide lamps and halogen lamps

10 21 28






IP20 | 850° | 356° | 90° | g 350

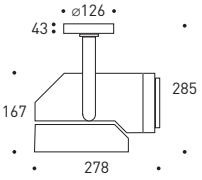
1x35W

| MH | CDM-C (G12) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø2767**.EV | | 18° | 10 |
| Ø.**Ø2768**.EV | | 32° | 21 |
| | | | 28 |

1x50W

| MH | CDM-C (G12) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø2771**.EV | | 20° | 10 |
| Ø.**Ø2772**.EV | | 54° | 21 |
| | | | 28 |
| possible configuration | | Ø.**Ø2767**.EV 10 | |






IP20 | 850° | 356° | 90° | g 350

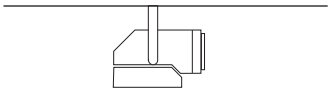
1x65W - 12V

| HALO | QR-111 (G53) HPF control gear | lamp with built-in reflector | finish reference |
|---|---|---|---|
| Ø.**Ø2786**.EV | | / | 10 |
| | | | 21 |
| | | | 28 |
| possible configuration | | Ø.**Ø2786**.EV 10 | |

FOOD

Accessories (pg. 475).

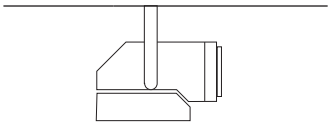
## Accessories
halogen lamps



| BINK | details | reference | finish reference |
|---|---|---|---|
| FOOD | selective filters | Ø.Ø**2764**.ØØ | 65 |
| | shield finish:<br>**65** light blue<br>**66** red<br>**67** pink | Ø.Ø**2764**.ØØ | 66 |
| | | Ø.Ø**2764**.ØØ | 67 |

| possible configuration | Ø.Ø2764.ØØ 65 |
|---|---|

## Accessories
metal halide lamps



| BINK | details | reference | finish reference |
|---|---|---|---|
| FOOD | selective filters | Ø.Ø**2791**.ØØ | 65 |
| | shield finish:<br>**65** light blue<br>**66** red<br>**67** pink | Ø.Ø**2791**.ØØ | 66 |
| | | Ø.Ø**2791**.ØØ | 67 |
| | fresnel lens | Ø.Ø**2763**.ØØ | 00 |

| possible configuration | Ø.Ø2791.ØØ 65 |
|---|---|



# UNISIO

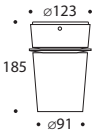
## fixed projector

design by: **Fabio Reggiani**

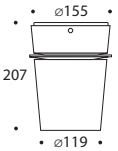
## Fixed projector for surface mounting

10 | 21 | 28








IP20 | IOS | 850° | g 940

10 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | nom. lm | K | CRI | |
| | Ø | D882 | 1 | 15° | HW | 803 | 2700 | >90 | 10 |
| | V* | | 2 | 30° | HQ | 873 | 3000 | >90 | 21 |
| | D* | | 3 | 48° | WW | 1044 | 3000 | >80 | 28 |
| | T** | | K | without optics | NN | 1166 | 4000 | >80 | |

possible configuration: Ø . D882 1 . HQ 10

IP20 | IOS | 850° | g 1381

13 W — 1500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | D883 | A | 11° | HW | 1148 | 2700 | >90 | 10 |
| | V* | | B | 15° | HQ | 1221 | 3000 | >90 | 21 |
| | D* | | C | 21° | WW | 1500 | 3000 | >80 | 28 |
| | T** | | D | 29° | NN | 1661 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . D883 A . HQ 10

22 W — 2500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | D885 | A | 11° | HW | 1916 | 2700 | >90 | 10 |
| | V* | | B | 15° | HQ | 2038 | 3000 | >90 | 21 |
| | D* | | C | 21° | WW | 2650 | 3000 | >80 | 28 |
| | | | D | 29° | NN | 2759 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . D885 A . HQ 10

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

LED IOS LL1 | LED IOS LL1 FOOD

Accessories (pg. 484).
Photometric data (pg. 702).

LED IOS LL2 | LED IOS LL2 FOOD

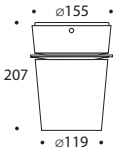
Accessories (pg. 484).
Photometric data (pg. 704-705 / 708-709).

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## Fixed projector for surface mounting

10 21 28






IP20 | IOS | 850° | g 1448

30 W — 3500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | D887 | A | 11° | HW | 2767 | 2700 | >90 | 10 |
| | V* | | B | 15° | HQ | 2944 | 3000 | >90 | 21 |
| | D* | | C | 21° | WW | 3617 | 3000 | >80 | 28 |
| | | | D | 29° | NN | 3798 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . D887 A . HQ 10 | | | | |

**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

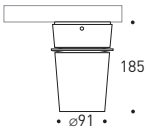
LED IOS LL2 | LED IOS LL2 FOOD

Accessories (pg. 484).
Photometric data (pg. 712-713).

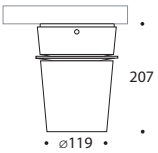
## Fixed projector for 3-circuit track mounting

10 21 28








IP20 | IOS | 850° | g 1064

10 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | nom. lm | K | CRI | |
| | Ø | F882 | 1 | 15° | HW | 803 | 2700 | >90 | 10 |
| | V* | | 2 | 30° | HQ | 873 | 3000 | >90 | 21 |
| | D* | | 3 | 48° | WW | 1044 | 3000 | >80 | 28 |
| | T** | | K | without optics | NN | 1166 | 4000 | >80 | |

possible configuration: Ø, F882, 1, HQ, 10

IP20 | IOS | 850° | g 1505

13 W — 1500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | F883 | A | 11° | HW | 1148 | 2700 | >90 | 10 |
| | V* | | B | 15° | HQ | 1221 | 3000 | >90 | 21 |
| | D* | | C | 21° | WW | 1500 | 3000 | >80 | 28 |
| | T** | | D | 29° | NN | 1661 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø, F883, A, HQ, 10

22 W — 2500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | F885 | A | 11° | HW | 1916 | 2700 | >90 | 10 |
| | V* | | B | 15° | HQ | 2038 | 3000 | >90 | 21 |
| | D* | | C | 21° | WW | 2650 | 3000 | >80 | 28 |
| | | | D | 29° | NN | 2759 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø, F885, A, HQ, 10

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

LED IOS LL1 | LED IOS LL1 FOOD

Accessories (pg. 484). Components for track (pg. 548-553).
Photometric data (pg. 702).

LED IOS LL2 | LED IOS LL2 FOOD

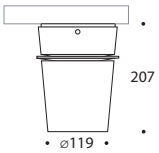
Accessories (pg. 484). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709).

REGGIANI

## Fixed projector for 3-circuit track mounting

10 21 28






IP20 | IOS | 850° | g 1602

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | F887 | A | 11° | HW | 2767 | 2700 | >90 | 10 |
| | V* | | B | 15° | HQ | 2944 | 3000 | >90 | 21 |
| | D* | | C | 21° | WW | 3617 | 3000 | >80 | 28 |
| | | | D | 29° | NN | 3798 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

| possible configuration | Ø . F887 A . HQ 10 |
|---|---|

**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

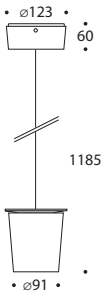
LED IOS LL2 | LED IOS LL2 FOOD

Accessories (pg. 484). Components for track (pg. 548-553).
Photometric data (pg. 712-713).

## Fixed suspended projector for surface mounting

10 21 28





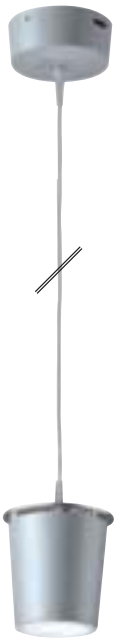

IP20 | IOS | 850° | g 1009

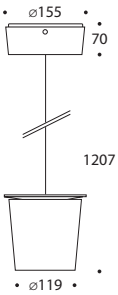
10 W — 1000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 ▲ | | | | | | |
| | Ø | G882 | 1 | 15° | HW | 803 | 2700 | >90 | 10 |
| | V | | 2 | 30° | HQ | 873 | 3000 | >90 | 21 |
| | D | | 3 | 48° | WW | 1044 | 3000 | >80 | 28 |
| | T | | K | without optics | NN | 1166 | 4000 | >80 | |
| possible configuration | | | Ø . G882 1 . HQ 10 | | | | | | |

LED IOS LL1 | LED IOS LL1 FOOD

Accessories (pg. 484).
Photometric data (pg. 702).






IP20 | IOS | 850° | g 1501

13 W — 1500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 ▲ | | | | | | |
| | Ø | G883 | A | 11° | HW | 1148 | 2700 | >90 | 10 |
| | V | | B | 15° | HQ | 1221 | 3000 | >90 | 21 |
| | D | | C | 21° | WW | 1500 | 3000 | >80 | 28 |
| | T | | D | 29° | NN | 1661 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . G883 A . HQ 10 | | | | | | |

LED IOS LL2 | LED IOS LL2 FOOD

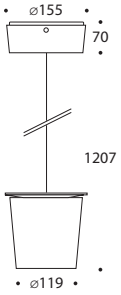
Accessories (pg. 484).
Photometric data (pg. 704-705).

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## Fixed suspended projector for surface mounting

10 21 28






IP20 IOS 850° g 1563

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | G885 | A | 11° | HW | 1916 | 2700 | >90 | 10 |
| | V | | B | 15° | HQ | 2038 | 3000 | >90 | 21 |
| | D | | C | 21° | WW | 2650 | 3000 | >80 | 28 |
| | | | D | 29° | NN | 2759 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . G885 A . HQ 10 | | | | | | |

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| € | | | IOS LL2 | | | | | | |
| | Ø | G887 | A | 11° | HW | 2767 | 2700 | >90 | 10 |
| | V | | B | 15° | HQ | 2944 | 3000 | >90 | 21 |
| | D | | C | 21° | WW | 3617 | 3000 | >80 | 28 |
| | | | D | 29° | NN | 3798 | 4000 | >80 | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . G887 A . HQ 10 | | | | | | |

LED IOS LL2 | LED IOS LL2 FOOD

Accessories (pg. 484).
Photometric data (pg. 708-709).

LED IOS LL2 | LED IOS LL2 FOOD

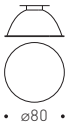
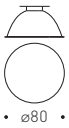
Accessories (pg. 484).
Photometric data (pg. 712-713).

## Accessories
LED



| UNISIO | | details | IOS | ▲ | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL1 |  • ø50 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | 1 | 15° | Ø.35Ø05.ØØ | 00 |
| | | | 2 | 30° | Ø.35Ø06.ØØ | |
| | | | 3 | 48° | Ø.35Ø07.ØØ | |
| LED IOS LL1 FOOD |  • ø50 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL1 | 15° | Ø.35Ø05.ØØ | 64 |
| | | | | 30° | Ø.35Ø06.ØØ | 65 |
| | | | | 48° | Ø.35Ø07.ØØ | 66 |
| | | | | | | 67 |
| possible configuration | | | | | Ø.35Ø05.ØØ 00 | |



| UNISIO | | details | IOS | ▲ | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.35Ø50.ØØ | 00 |
| | | | B | 15° | Ø.35Ø49.ØØ | |
| | | | C | 21° | Ø.35Ø51.ØØ | |
| | | | D | 29° | Ø.35Ø52.ØØ | |
| | | | E | 51° | Ø.35Ø53.ØØ | |
| | | | F | Mira* | Ø.35Ø54.ØØ | |
| | | | H | W. W. | Ø.35Ø59.ØØ | |
| LED IOS LL2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.35Ø50.ØØ | 64 |
| | | | | 15° | Ø.35Ø49.ØØ | 65 |
| | | | | 21° | Ø.35Ø51.ØØ | 66 |
| | | | | 29° | Ø.35Ø52.ØØ | 67 |
| | | | | 51° | Ø.35Ø53.ØØ | |
| * elliptical beam | | | | | | |
| possible configuration | | | | | Ø.35Ø50.ØØ 00 | |





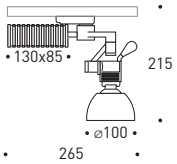
# AMBAR

## adjustable projector

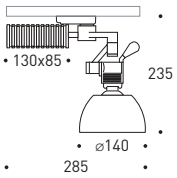
design by: **Rogers Stirk Harbour** + Partners

## Adjustable projector for 3-circuit track mounting








IP20 | IOS | 850° | 356° | 90° | g 886

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.2Ø545.ØØ | | 14° | 28 |
| Ø.2Ø546.ØØ | | 34° | |
| Ø.2Ø547.ØØ | | 56° | |
| **35 W** | | | |
| Ø.2Ø550.ØØ | | 14° | 28 |
| Ø.2Ø551.ØØ | | 34° | |
| Ø. 2Ø552.ØØ | | 56° | |
| **50 W** | | | |
| Ø.5Ø174.ØØ | | 14° | 28 |
| Ø.5Ø175.ØØ | | 34° | |
| Ø.5Ø176.ØØ | | 56° | |
| **70 W** | | | |
| Ø.2Ø555.ØØ | | 16° | 28 |
| Ø.2Ø556.ØØ | | 34° | |
| Ø.2Ø557.ØØ | | 58° | |
| possible configuration | | Ø.2Ø545.ØØ 28 | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

Accessories (pg. 491). Components for track (pg. 548-553).
Photometric data (pg. 767).

IP20 | IOS | 850° | 356° | 90° | g 1016

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.2Ø720.ØØ | | 14° | 28 |
| Ø.2Ø721.ØØ | | 22° | |
| Ø.2Ø723.ØØ | | 28° | |
| Ø.2Ø722.ØØ | | 50° | |
| **35 W** | | | |
| Ø.2Ø725.ØØ | | 14° | 28 |
| Ø.2Ø726.ØØ | | 22° | |
| Ø. 2Ø728.ØØ | | 28° | |
| Ø.2Ø727.ØØ | | 50° | |
| **50 W** | | | |
| Ø.5Ø184.ØØ | | 14° | 28 |
| Ø.5Ø185.ØØ | | 22° | |
| Ø.5Ø186.ØØ | | 28° | |
| Ø.5Ø187.ØØ | | 50° | |
| **70 W** | | | |
| Ø.2Ø730.ØØ | | 14° | 28 |
| Ø.2Ø731.ØØ | | 22° | |
| Ø.2Ø733.ØØ | | 28° | |
| Ø.2Ø732.ØØ | | 50° | |
| possible configuration | | Ø.2Ø720.ØØ 28 | |

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

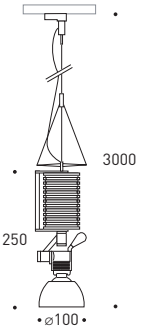
Accessories (pg. 491). Components for track (pg. 548-553).
Photometric data (pg. 770-771).

REGGIANI

## Adjustable pendant projector for 3-circuit track mounting





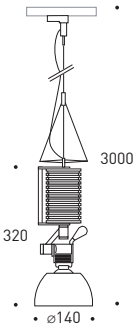

IP20 | IOS | 850° | 356° | 90° | g 1706

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.2Ø585.ØØ | | 14° | 28 |
| Ø.2Ø586.ØØ | | 34° | |
| Ø.2Ø587.ØØ | | 56° | |
| **35 W** | | | |
| Ø.2Ø590.ØØ | | 14° | 28 |
| Ø.2Ø591.ØØ | | 34° | |
| Ø. 2Ø592.ØØ | | 56° | |
| **50 W** | | | |
| Ø.5Ø177.ØØ | | 14° | 28 |
| Ø.5Ø178.ØØ | | 34° | |
| Ø.5Ø179.ØØ | | 56° | |
| **70 W** | | | |
| Ø.2Ø595.ØØ | | 16° | 28 |
| Ø.2Ø596.ØØ | | 34° | |
| Ø.2Ø597.ØØ | | 58° | |
| possible configuration | | Ø.2Ø585.ØØ 28 | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

Accessories (pg. 491). Components for track (pg. 548-553).
Photometric data (pg. 767).






IP20 | IOS | 850° | 356° | 90° | g 2027

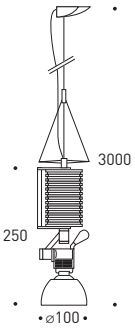
| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.2Ø740.ØØ | | 14° | 28 |
| Ø.2Ø741.ØØ | | 22° | |
| Ø.2Ø743.ØØ | | 28° | |
| Ø.2Ø742.ØØ | | 50° | |
| **35 W** | | | |
| Ø.2Ø745.ØØ | | 14° | 28 |
| Ø.2Ø746.ØØ | | 22° | |
| Ø. 2Ø748.ØØ | | 28° | |
| Ø.2Ø747.ØØ | | 50° | |
| **50 W** | | | |
| Ø.5Ø188.ØØ | | 14° | 28 |
| Ø.5Ø189.ØØ | | 22° | |
| Ø.5Ø190.ØØ | | 28° | |
| Ø.5Ø191.ØØ | | 50° | |
| **70 W** | | | |
| Ø.2Ø750.ØØ | | 14° | 28 |
| Ø.2Ø751.ØØ | | 22° | |
| Ø.2Ø753.ØØ | | 28° | |
| Ø.2Ø752.ØØ | | 50° | |
| possible configuration | | Ø.2Ø740.ØØ 28 | |

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

Accessories (pg. 491). Components for track (pg. 548-553).
Photometric data (pg. 770-771).

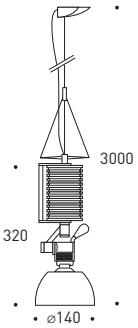
## Adjustable pendant projector for surface mounting






IP20 | IOS | 850° | 356° | 90° | g 1820






IP20 | IOS | 850° | 356° | 90° | g 2550

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.2Ø495.ØØ | | 14° | 28 |
| Ø.2Ø496.ØØ | | 34° | |
| Ø.2Ø497.ØØ | | 56° | |
| **35 W** | | | |
| Ø.2Ø5ØØ.ØØ | | 14° | 28 |
| Ø.2Ø5Ø1.ØØ | | 34° | |
| Ø. 2Ø5Ø2.ØØ | | 56° | |
| **50 W** | | | |
| Ø.5Ø18Ø.ØØ | | 14° | 28 |
| Ø.5Ø181.ØØ | | 34° | |
| Ø.5Ø182.ØØ | | 56° | |
| **70 W** | | | |
| Ø.2Ø5Ø5.ØØ | | 16° | 28 |
| Ø.2Ø5Ø6.ØØ | | 34° | |
| Ø.2Ø5Ø7.ØØ | | 58° | |
| possible configuration | | Ø.2Ø495.ØØ 28 | |

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.2Ø7ØØ.ØØ | | 14° | 28 |
| Ø.2Ø7Ø1.ØØ | | 22° | |
| Ø.2Ø7Ø3.ØØ | | 28° | |
| Ø.2Ø7Ø2.ØØ | | 50° | |
| **35 W** | | | |
| Ø.2Ø7Ø5.ØØ | | 14° | 28 |
| Ø.2Ø7Ø6.ØØ | | 22° | |
| Ø. 2Ø7Ø8.ØØ | | 28° | |
| Ø.2Ø7Ø7.ØØ | | 50° | |
| **50 W** | | | |
| Ø.5Ø192.ØØ | | 14° | 28 |
| Ø.5Ø193.ØØ | | 22° | |
| Ø.5Ø194.ØØ | | 28° | |
| Ø.5Ø195.ØØ | | 50° | |
| **70 W** | | | |
| Ø.2Ø71Ø.ØØ | | 14° | 28 |
| Ø.2Ø711.ØØ | | 22° | |
| Ø.2Ø713.ØØ | | 28° | |
| Ø.2Ø712.ØØ | | 50° | |
| possible configuration | | Ø.2Ø7ØØ.ØØ 28 | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

Accessories (pg. 491).
Photometric data (pg. 767).

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

Accessories (pg. 491).
Photometric data (pg. 770-771).

# Accessories
## metal halide lamps

| **AMBAR** \| **MH** \| **IOS** | | details | IOS MH2 | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 00 |
| | | | | 34° | Ø.**113Ø1**.ØØ | |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | |
| | | | | Mira | Ø.**113Ø3**.ØØ | |
| MH IOS MH2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 64 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 65 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH2 UV/IR<br>MH IOS MH2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 59 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 79 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| possible configuration | | | | | Ø.**113ØØ**.ØØ 00 | |

| **AMBAR** \| **MH** \| **IOS** | | details | IOS MH5 | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH5 | • Ø130 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH5 | 14° | Ø.**1131Ø**.ØØ | 00 |
| | | | | 22° | Ø.**11311**.ØØ | |
| | | | | 28° | Ø.**11318**.ØØ | |
| | | | | 50° | Ø.**11312**.ØØ | |
| | | | | Mira* | Ø.**11313**.ØØ | |
| MH IOS MH5 FOOD | • Ø130 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH5 | 14° | Ø.**1131Ø**.ØØ | 64 |
| | | | | 22° | Ø.**11311**.ØØ | 65 |
| | | | | 28° | Ø.**11318**.ØØ | 66 |
| | | | | 50° | Ø.**11312**.ØØ | 67 |
| MH IOS MH5 UV/IR<br>MH IOS MH5 | • Ø130 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH5 | 14° | Ø.**1131Ø**.ØØ | 59 |
| | | | | 22° | Ø.**11311**.ØØ | 79 |
| | | | | 28° | Ø.**11318**.ØØ | 74 |
| | | | | 50° | Ø.**11312**.ØØ | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| possible configuration | | | | | Ø.**1131Ø**.ØØ 00 | |

* elliptical beam



# REVIOS

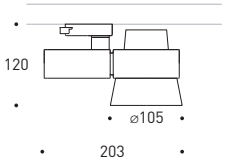
## adjustable projector

design by: **Bruno Gecchelin**

## Adjustable projector for 3-circuit track mounting






IP20 | IOS | 850° | 356° | 90° | -90° | g 1192

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | ▲ | | | | | |
| Ø | | CD63 | A | 11° | HQ | 1221 | 3000 | >90 | B1 |
| V* | | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| D* | | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| T** | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . CD63 A . HQ B1 | | | | |

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | ▲ | | | | | |
| Ø | | CD67 | A | 11° | HQ | 2944 | 3000 | >90 | B1 |
| V* | | | B | 15° | WW | 3617 | 3000 | >80 | 21 |
| D* | | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . CD67 A . HQ B1 | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | ▲ | | | | | |
| Ø | | CD65 | A | 11° | HQ | 2038 | 3000 | >90 | B1 |
| V* | | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| D* | | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . CD65 A . HQ B1 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
** Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

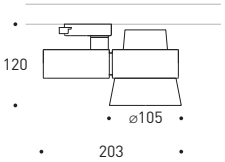
Accessories (pg. 500). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709 / 712-713).

REGGIANI

## Adjustable projector for 3-circuit track mounting

B1 21 28






IP20 IOS 850° 356° 90° -90° g 1192

**38 W** **4000 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL7 | | | | | | |
| | Ø | CD68 | N | 14° | HQ | 3578 | 3000 | >90 | B1 |
| | V* | | P | 21° | WW | 4329 | 3000 | >80 | 21 |
| | D* | | Q | 30° | NN | 4480 | 4000 | >80 | 28 |
| | | | R | 36° | | | | | |
| | | | S | 40° | | | | | |
| | | | T | 69° | | | | | |
| | | | U | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . CD68 A . HQ B1 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

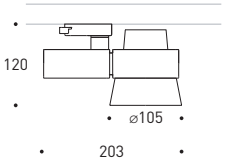
LED IOS LL7 LED IOS LL7 FOOD 1 HOUR

Accessories (pg. 500). Components for track (pg. 548-553).
Photometric data (pg. 736-737).

## Adjustable projector for metal halide lamps



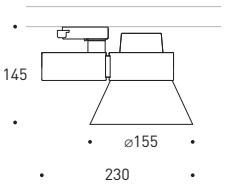



IP20 | IOS | 850° | 356° | 90° | -90° | g 1063

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.**242Ø1**.ØØ | | 14° | B1 |
| Ø.**242Ø2**.ØØ | | 34° | 21 |
| Ø.**242Ø3**.ØØ | | 56° | 28 |
| Ø.**242Ø4**.ØØ | | Mira | |
| **35 W** | | | |
| Ø.**24211**.ØØ | | 14° | B1 |
| Ø.**24212**.ØØ | | 34° | 21 |
| Ø. **24213**.ØØ | | 56° | 28 |
| Ø.**24214**.ØØ | | Mira | |
| **50 W** | | | |
| Ø.**24221**.ØØ | | 14° | B1 |
| Ø.**24222**.ØØ | | 34° | 21 |
| Ø.**24223**.ØØ | | 56° | 28 |
| Ø.**24224**.ØØ | | Mira | |
| **70 W** | | | |
| Ø.**24231**.ØØ | | 16° | B1 |
| Ø.**24232**.ØØ | | 34° | 21 |
| Ø.**24233**.ØØ | | 58° | 28 |
| Ø. **24234**.ØØ | | Mira | |
| possible configuration | | Ø.242Ø1.ØØ B1 | |






IP20 | IOS | 850° | 356° | 90° | -90° | g 1227

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.**24251**.ØØ | | 14° | B1 |
| Ø. **24252**.ØØ | | 22° | 21 |
| Ø.**24253**.ØØ | | 28° | 28 |
| Ø.**24254**.ØØ | | 50° | |
| Ø.**24255**.ØØ | | Mira | |
| **35 W** | | | |
| Ø.**24261**.ØØ | | 14° | B1 |
| Ø.**24262**.ØØ | | 22° | 21 |
| Ø.**24263**.ØØ | | 28° | 28 |
| Ø.**24264**.ØØ | | 50° | |
| Ø.**24265**.ØØ | | Mira | |
| **50 W** | | | |
| Ø.**24271**.ØØ | | 14° | B1 |
| Ø.**24272**.ØØ | | 22° | 21 |
| Ø.**24273**.ØØ | | 28° | 28 |
| Ø.**24274**.ØØ | | 50° | |
| Ø.**24275**.ØØ | | Mira | |
| **70 W** | | | |
| Ø.**24281**.ØØ | | 14° | B1 |
| Ø.**24282**.ØØ | | 22° | 21 |
| Ø.**24283**.ØØ | | 28° | 28 |
| Ø.**24284**.ØØ | | 50° | |
| Ø.**24285**.ØØ | | Mira | |
| possible configuration | | Ø.24251.ØØ B1 | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

Accessories (pg. 501). Components for track (pg. 548-553).
Photometric data (pg. 767).

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

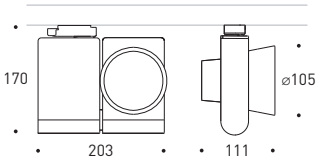
Accessories (pg. 501). Components for track (pg. 548-553).
Photometric data (pg. 770-771).

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## Adjustable projector for 3-circuit track mounting






IP20 | IOS | 850° | 356° | 90° | -65° | g 1171

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 ▲ | | | | | | |
| Ø | | BD63 | A | 11° | HQ | 1221 | 3000 | >90 | B1 |
| V* | | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| D* | | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| T** | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . BD63 A . HQ B1

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 ▲ | | | | | | |
| Ø | | BD65 | A | 11° | HQ | 2038 | 3000 | >90 | B1 |
| V* | | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| D* | | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . BD65 A . HQ B1

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 ▲ | | | | | | |
| Ø | | BD67 | A | 11° | HQ | 2944 | 3000 | >90 | B1 |
| V* | | | B | 15° | WW | 3617 | 3000 | >80 | 21 |
| D* | | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . BD67 A . HQ B1

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

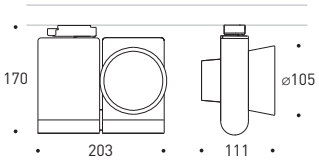
LED IOS LL2 | LED IOS LL2 FOOD | 1 HOUR

Accessories (pg. 500). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709 / 712-713).

## Adjustable projector for 3-circuit track mounting






IP20 | IOS | 850° | 356° | 90° | -65° | g 1171

38 W — 4000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL7 | ▲ | | nom. lm | K | CRI | |
| | Ø | BD68 | N | 14° | HQ | 3578 | 3000 | >90 | B1 |
| | | | P | 21° | WW | 4329 | 3000 | >80 | 21 |
| | V* | | Q | 30° | NN | 4480 | 4000 | >80 | 28 |
| | | | R | 36° | | | | | |
| | D* | | S | 40° | | | | | |
| | | | T | 69° | | | | | |
| | | | U | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . BD68 A . HQ B1 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

LED IOS LL7 | LED IOS LL7 FOOD | 1 HOUR

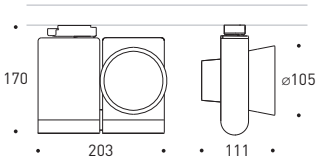
Accessories (pg. 500). Components for track (pg. 548-553).
Photometric data (pg. 736-737).

REGGIANI

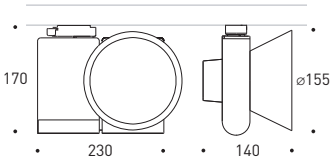
## Adjustable projector for metal halide lamps

B1 21 28








IP20 | IOS | 850° | 356° | 90° | -65° | g 1056

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.24Ø51.ØØ | | 14° | B1 |
| Ø.24Ø52.ØØ | | 34° | 21 |
| Ø.24Ø53.ØØ | | 56° | 28 |
| Ø.24Ø54.ØØ | | Mira | |
| **35 W** | | | |
| Ø.24Ø61.ØØ | | 14° | B1 |
| Ø.24Ø62.ØØ | | 34° | 21 |
| Ø. 24Ø63.ØØ | | 56° | 28 |
| Ø.24Ø64.ØØ | | Mira | |
| **50 W** | | | |
| Ø.24Ø71.ØØ | | 14° | B1 |
| Ø.24Ø72.ØØ | | 34° | 21 |
| Ø.24Ø73.ØØ | | 56° | 28 |
| Ø.24Ø74.ØØ | | Mira | |
| **70 W** | | | |
| Ø.24Ø81.ØØ | | 16° | B1 |
| Ø.24Ø82.ØØ | | 34° | 21 |
| Ø.24Ø83.ØØ | | 58° | 28 |
| Ø. 24Ø84.ØØ | | Mira | |
| possible configuration | | Ø.24Ø51.ØØ B1 | |

IP20 | IOS | 850° | 356° | 90° | -65° | g 1222

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.241Ø1.ØØ | | 14° | B1 |
| Ø. 241Ø2.ØØ | | 22° | 21 |
| Ø.241Ø3.ØØ | | 28° | 28 |
| Ø.241Ø4.ØØ | | 50° | |
| Ø.241Ø5.ØØ | | Mira | |
| **35 W** | | | |
| Ø.24111.ØØ | | 14° | B1 |
| Ø.24112.ØØ | | 22° | 21 |
| Ø.24113.ØØ | | 28° | 28 |
| Ø.24114.ØØ | | 50° | |
| Ø.24115.ØØ | | Mira | |
| **50 W** | | | |
| Ø.24121.ØØ | | 14° | B1 |
| Ø.24122.ØØ | | 22° | 21 |
| Ø.24123.ØØ | | 28° | 28 |
| Ø.24124.ØØ | | 50° | |
| Ø.24125.ØØ | | Mira | |
| **70 W** | | | |
| Ø.24131.ØØ | | 14° | B1 |
| Ø.24132.ØØ | | 22° | 21 |
| Ø.24133.ØØ | | 28° | 28 |
| Ø.24134.ØØ | | 50° | |
| Ø.24135.ØØ | | Mira | |
| possible configuration | | Ø.241Ø1.ØØ B1 | |

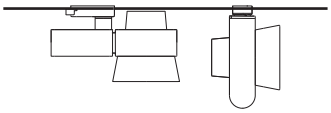
MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

Accessories (pg. 501). Components for track (pg. 548-553).
Photometric data (pg. 767).

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

Accessories (pg. 501). Components for track (pg. 548-553).
Photometric data (pg. 770-771).

# Accessories
## LED

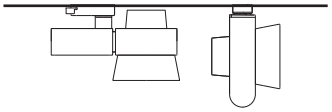


| REVIOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.35Ø5Ø.ØØ | 00 |
| | | | B | 15° | Ø.35Ø49.ØØ | |
| | | | C | 21° | Ø.35Ø51.ØØ | |
| | | | D | 29° | Ø.35Ø52.ØØ | |
| | | | E | 51° | Ø.35Ø53.ØØ | |
| | | | F | Mira* | Ø.35Ø54.ØØ | |
| | | | H | W. W. | Ø.35Ø59.ØØ | |
| LED IOS LL2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.35Ø5Ø.ØØ | 64 |
| | | | | 15° | Ø.35Ø49.ØØ | 65 |
| | | | | 21° | Ø.35Ø51.ØØ | 66 |
| | | | | 29° | Ø.35Ø52.ØØ | 67 |
| | | | | 51° | Ø.35Ø53.ØØ | |
| LED IOS LL7 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | N | 14° | Ø.35169.ØØ | 00 |
| | | | P | 21° | Ø.3517Ø.ØØ | |
| | | | Q | 30° | Ø.35171.ØØ | |
| | | | R | 36° | Ø.35172.ØØ | |
| | | | S | 40° | Ø.35173.ØØ | |
| | | | T | 69° | Ø.35174.ØØ | |
| | | | U | Mira* | Ø.35175.ØØ | |
| LED IOS LL7 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL7 | 14° | Ø.35169.ØØ | 64 |
| | | | | 21° | Ø.3517Ø.ØØ | 65 |
| | | | | 30° | Ø.35171.ØØ | 66 |
| | | | | 36° | Ø.35172.ØØ | 67 |
| | | | | 40° | Ø.35173.ØØ | |
| | | | | 69° | Ø.35174.ØØ | |
| 1 HOUR | | emergency pack for LED LUCE luminaires including Ni/Cd battery with 1h back-up | | | Ø.35Ø87.ØØ | 10<br>21<br>28 |
| | | accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø2289.ØØ | 10<br>21<br>28 |

* elliptical beam

possible configuration: Ø.35Ø5Ø.ØØ 00

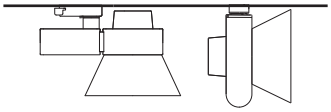
## Accessories
metal halide lamps



| REVIOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 00 |
| | | | | 34° | Ø.**1130****1**.ØØ | |
| | | | | 56°/58° | Ø.**1130****2**.ØØ | |
| | | | | Mira* | Ø.**1130****3**.ØØ | |
| MH IOS MH2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 64 |
| | | | | 34° | Ø.**1130****1**.ØØ | 65 |
| | | | | 56°/58° | Ø.**1130****2**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH2 UV/IR<br>MH IOS MH2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 59 |
| | | | | 34° | Ø.**1130****1**.ØØ | 79 |
| | | | | 56°/58° | Ø.**1130****2**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
|  | | accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø**2289**.ØØ | 10 |
| | | | | | | 21 |
| | | | | | | 28 |

* elliptical beam

| possible configuration | Ø.**113ØØ**.ØØ 00 |
|---|---|



| REVIOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH5 |  • Ø130 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH5 | 14° | Ø.**1131Ø**.ØØ | 00 |
| | | | | 22° | Ø.**11311**.ØØ | |
| | | | | 28° | Ø.**11318**.ØØ | |
| | | | | 50° | Ø.**11312**.ØØ | |
| | | | | Mira* | Ø.**11313**.ØØ | |
| MH IOS MH5 FOOD |  • Ø130 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH5 | 14° | Ø.**1131Ø**.ØØ | 64 |
| | | | | 22° | Ø.**11311**.ØØ | 65 |
| | | | | 28° | Ø.**11318**.ØØ | 66 |
| | | | | 50° | Ø.**11312**.ØØ | 67 |
| MH IOS MH5 UV/IR<br>MH IOS MH5 |  • Ø130 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH5 | 14° | Ø.**1131Ø**.ØØ | 59 |
| | | | | 22° | Ø.**11311**.ØØ | 79 |
| | | | | 28° | Ø.**11318**.ØØ | 74 |
| | | | | 50° | Ø.**11312**.ØØ | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
|  | | accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø**2289**.ØØ | 10 |
| | | | | | | 21 |
| | | | | | | 28 |

* elliptical beam

| possible configuration | Ø.**1131Ø**.ØØ 00 |
|---|---|



# KYLIOS

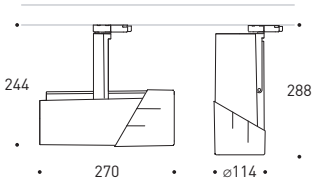
## adjustable projector

design by: **Bruno Gecchelin**

## Adjustable projector for 3-circuit track mounting






IP20 | IOS | 850° | 356° | 90° | g 1874

**13 W**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | 1500 lm | | | |
| | Ø | ØD73 | A | 11° | HQ | 1221 | 3000 | >90 | B1 |
| | V* | | B | 15° | WW | 1500 | 3000 | >80 | 42 |
| | D* | | C | 21° | NN | 1661 | 4000 | >80 | F1 |
| | T** | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø, ØD73, A, HQ, B1 | | | | |

**30 W**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | 3500 lm | | | |
| | Ø | ØD77 | A | 11° | HQ | 2944 | 3000 | >90 | B1 |
| | V* | | B | 15° | WW | 3617 | 3000 | >80 | 42 |
| | D* | | C | 21° | NN | 3798 | 4000 | >80 | F1 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø, ØD77, A, HQ, B1 | | | | |

**22 W**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | 2500 lm | | | |
| | Ø | ØD75 | A | 11° | HQ | 2038 | 3000 | >90 | B1 |
| | V* | | B | 15° | WW | 2650 | 3000 | >80 | 42 |
| | D* | | C | 21° | NN | 2759 | 4000 | >80 | F1 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø, ØD75, A, HQ, B1 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

LED IOS LL2 | LED IOS LL2 FOOD

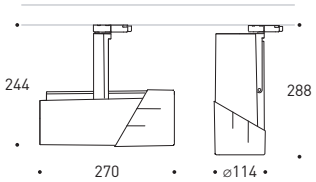
Accessories (pg. 507). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709 / 712-713).

REGGIANI

## Adjustable projector for 3-circuit track mounting

B1 42 F1






IP20 IOS 850° 356° 90° g 1874

**46 W** **4000 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL7 | | | nom. lm | K | CRI | |
| | Ø | ØD79 | N | 14° | HQ | 4147 | 3000 | >90 | B1 |
| | V* | | P | 22° | WW | 5017 | 3000 | >80 | 42 |
| | D* | | Q | 30° | NN | 5196 | 4000 | >80 | F1 |
| | | | R | 36° | | | | | |
| | | | S | 40° | | | | | |
| | | | T | 68° | | | | | |
| | | | U | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø · ØD79 · K · HQ · B1 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

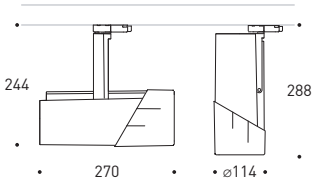
LED IOS LL7 LED IOS LL7 FOOD

Accessories (pg. 507). Components for track (pg. 548-553).
Photometric data (pg. 738-739).

## Adjustable projector for metal halide lamps






IP20 | IOS | 850° | 356° | 90° | g 1674

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.24351.ØØ | | 14° | B1 |
| Ø.24352.ØØ | | 34° | 42 |
| Ø.24353.ØØ | | 56° | F1 |
| Ø.24354.ØØ | | Mira | |
| **35 W** | | | |
| Ø.24361.ØØ | | 14° | B1 |
| Ø.24362.ØØ | | 34° | 42 |
| Ø. 24363.ØØ | | 56° | F1 |
| Ø.24364.ØØ | | Mira | |
| **50 W** | | | |
| Ø.24371.ØØ | | 14° | B1 |
| Ø.24372.ØØ | | 34° | 42 |
| Ø.24373.ØØ | | 56° | F1 |
| Ø.24374.ØØ | | Mira | |
| **70 W** | | | |
| Ø.24381.ØØ | | 16° | B1 |
| Ø.24382.ØØ | | 34° | 42 |
| Ø.24383.ØØ | | 58° | F1 |
| Ø. 24384.ØØ | | Mira | |
| possible configuration | | Ø.24351.ØØ B1 | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

Accessories (pg. 507). Components for track (pg. 548-553).
Photometric data (pg. 767).

## Accessories
LED

| KYLIOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL1 | • ø50 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | 1 | 15° | Ø.**35Ø05**.ØØ | 00 |
| | | | 2 | 30° | Ø.**35Ø06**.ØØ | |
| | | | 3 | 48° | Ø.**35Ø07**.ØØ | |
| LED IOS LL1 FOOD | • ø50 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL1 | 15° | Ø.**35Ø05**.ØØ | 64<br>65<br>66<br>67 |
| | | | | 30° | Ø.**35Ø06**.ØØ | |
| | | | | 48° | Ø.**35Ø07**.ØØ | |
| LED IOS LL2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.**35Ø5Ø**.ØØ | 00 |
| | | | B | 15° | Ø.**35Ø49**.ØØ | |
| | | | C | 21° | Ø.**35Ø51**.ØØ | |
| | | | D | 29° | Ø.**35Ø52**.ØØ | |
| | | | E | 51° | Ø.**35Ø53**.ØØ | |
| | | | F | Mira* | Ø.**35Ø54**.ØØ | |
| | | | H | W. W. | Ø.**35Ø59**.ØØ | |
| LED IOS LL2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.**35Ø5Ø**.ØØ | 64<br>65<br>66<br>67 |
| | | | | 15° | Ø.**35Ø49**.ØØ | |
| | | | | 21° | Ø.**35Ø51**.ØØ | |
| | | | | 29° | Ø.**35Ø52**.ØØ | |
| | | | | 51° | Ø.**35Ø53**.ØØ | |
| LED IOS LL7 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | N | 14° | Ø.**35169**.ØØ | 00 |
| | | | P | 21° | Ø.**3517Ø**.ØØ | |
| | | | Q | 30° | Ø.**35171**.ØØ | |
| | | | R | 36° | Ø.**35172**.ØØ | |
| | | | S | 40° | Ø.**35173**.ØØ | |
| | | | T | 69° | Ø.**35174**.ØØ | |
| | | | U | Mira* | Ø.**35175**.ØØ | |
| LED IOS LL7 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL7 | 14° | Ø.**35169**.ØØ | 64<br>65<br>66<br>67 |
| | | | | 21° | Ø.**3517Ø**.ØØ | |
| | | | | 30° | Ø.**35171**.ØØ | |
| | | | | 36° | Ø.**35172**.ØØ | |
| | | | | 40° | Ø.**35173**.ØØ | |
| | | | | 69° | Ø.**35174**.ØØ | |
| | | accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø**2289**.ØØ | 10<br>21<br>28 |

* elliptical beam

| possible configuration | Ø.35Ø05.ØØ 00 |
|---|---|

## Accessories
metal halide lamps

| KYLIOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 00 |
| | | | | 34° | Ø.**113Ø1**.ØØ | |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | |
| | | | | Mira* | Ø.**113Ø3**.ØØ | |
| MH IOS MH2 FOOD | • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 64<br>65<br>66<br>67 |
| | | | | 34° | Ø.**113Ø1**.ØØ | |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | |
| MH IOS MH2 UV/IR<br>MH IOS MH2 | • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 59<br>79<br>74<br>75<br>76<br>77 |
| | | | | 34° | Ø.**113Ø1**.ØØ | |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | |
| | | accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø**2289**.ØØ | 10<br>21<br>28 |

* elliptical beam

| possible configuration | Ø.113ØØ.ØØ 00 |
|---|---|



# KAZÈ

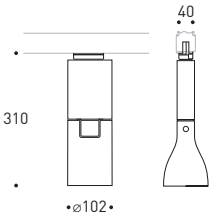
## adjustable projector

design by: **Setsu - Shinobu Ito**

## Adjustable projector for 3-circuit track mounting






IP20 | IOS | 850° | 356° | 90° | -90° | g 1170

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | BC53 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| V* | | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| D* | | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| T** | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . BC53 A . HQ 10 | | | | |

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | BC57 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| V* | | | B | 15° | WW | 3617 | 3000 | >80 | 21 |
| D* | | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . BC57 A . HQ 10 | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | BC55 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| V* | | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| D* | | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . BC55 A . HQ 10 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
** Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

LED IOS LL2 | LED IOS LL2 FOOD

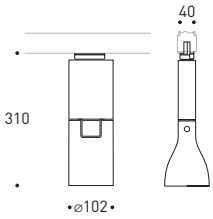
Accessories (pg. 516). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709 / 712-713).

REGGIANI

## Adjustable projector for 3-circuit track mounting






IP20 | IOS | 850° | 356° | 90° | -90° | g 1170

**46 W** — **4500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL7 | | | | | | |
| | Ø | BC59 | N | 14° | HQ | 4147 | 3000 | >90 | 10 |
| | V* | | P | 22° | WW | 5017 | 3000 | >80 | 21 |
| | D* | | Q | 30° | NN | 5196 | 4000 | >80 | 28 |
| | | | R | 36° | | | | | |
| | | | S | 40° | | | | | |
| | | | T | 68° | | | | | |
| | | | U | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø . BC59 . K . HQ . 10 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

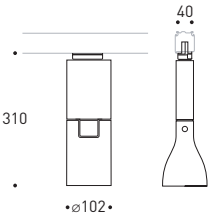
LED IOS LL7 | LED IOS LL7 FOOD

Accessories (pg. 516). Components for track (pg. 548-553).
Photometric data (pg. 738-739).

## Adjustable projector for 3-circuit track mounting

10 21 28





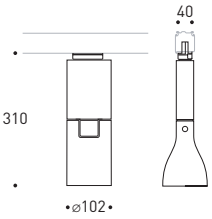

IP20 IOS 850° 356° 90° -90° g 1085

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.233Ø1.ØØ | | 14° | 10 |
| Ø.233Ø2.ØØ | | 34° | 21 |
| Ø.233Ø3.ØØ | | 56° | 28 |
| Ø.233Ø4.ØØ | | Mira | |
| **35 W** | | | |
| Ø.233Ø6.ØØ | | 14° | 10 |
| Ø.233Ø7.ØØ | | 34° | 21 |
| Ø. 233Ø8.ØØ | | 56° | 28 |
| Ø. 233Ø9.ØØ | | Mira | |
| **50 W** | | | |
| Ø.5ØØ75.ØØ | | 14° | 10 |
| Ø.5ØØ76.ØØ | | 34° | 21 |
| Ø.5ØØ77.ØØ | | 56° | 28 |
| Ø.5ØØ78.ØØ | | Mira | |
| **70 W** | | | |
| Ø.23311.ØØ | | 16° | 10 |
| Ø.23312.ØØ | | 34° | 21 |
| Ø.23313.ØØ | | 58° | 28 |
| Ø. 23314.ØØ | | Mira | |
| possible configuration | | Ø.233Ø1.ØØ 10 | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

Accessories (pg. 516). Components for track (pg. 548-553).
Photometric data (pg. 767).






IP20 IOS 850° 356° 90° -90° g 1085

| HALO IOS | QT-12 GY6.35 | IOS HL2 optics | finish reference |
|---|---|---|---|
| **60 W / 12V** | | | |
| Ø.23411.ØØ | | 18° | 10 |
| Ø.23412.ØØ | | 24° | 21 |
| Ø.23413.ØØ | | 30° | 28 |
| possible configuration | | Ø.23411.ØØ 10 | |

HALO IOS HL2 | HALO IOS HL2 FOOD | HALO IOS HL2 UV/IR | HALO IOS HL2

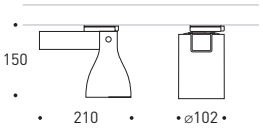
Accessories (pg. 516). Components for track (pg. 548-553).
Photometric data (pg. 772).

REGGIANI

## Adjustable projector for 3-circuit track mounting

10 21 28






100° vertical adjustment for versions on suspended track: from 0° to 100°

IP20 IOS 850° 356° 80° g 1219

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | CC53 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | T** | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . CC53 A . HQ 10

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | CC57 | A | 11° | HQ | 2944 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 3617 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . CC57 A . HQ 10

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | CC55 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |

possible configuration: Ø . CC55 A . HQ 10

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

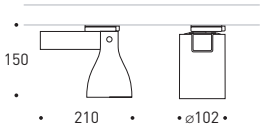
LED IOS LL2 LED IOS LL2 FOOD

Accessories (pg. 516).Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709 / 712-713).

## Adjustable projector for 3-circuit track mounting






100° vertical adjustment for versions on suspended track: from 0° to 100°

IP20 | IOS | 850° | 356° | 80° | g 1225

**46 W** — **4500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL7 | ▲ | | | | | |
| | Ø | CC59 | N | 14° | HQ | 4147 | 3000 | >90 | 10 |
| | | | P | 22° | WW | 5017 | 3000 | >80 | 21 |
| | V* | | Q | 30° | NN | 5196 | 4000 | >80 | 28 |
| | | | R | 36° | | | | | |
| | D* | | S | 40° | | | | | |
| | | | T | 68° | | | | | |
| | | | U | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | | | Ø · CC59 · K · HQ · 10 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

LED IOS LL7 | LED IOS LL7 FOOD

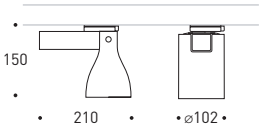
Accessories (pg. 516). Components for track (pg. 548-553).
Photometric data (pg. 738-739).

REGGIANI

## Adjustable projector for 3-circuit track mounting

10 21 28






100° vertical adjustment for versions on suspended track: from 0° to 100°

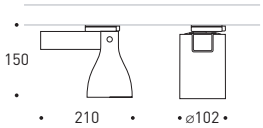
IP20 IOS 850° 356° 80° g 1043

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.23351.ØØ | | 14° | 10 |
| Ø.23352.ØØ | | 34° | 21 |
| Ø.23353.ØØ | | 56° | 28 |
| Ø.23354.ØØ | | Mira | |
| **35 W** | | | |
| Ø.23356.ØØ | | 14° | 10 |
| Ø.23357.ØØ | | 34° | 21 |
| Ø. 23358.ØØ | | 56° | 28 |
| Ø. 23359.ØØ | | Mira | |
| **50 W** | | | |
| Ø.50Ø79.ØØ | | 14° | 10 |
| Ø.50Ø80.ØØ | | 34° | 21 |
| Ø.50Ø81.ØØ | | 56° | 28 |
| Ø.50Ø82.ØØ | | Mira | |
| **70 W** | | | |
| Ø.23361.ØØ | | 16° | 10 |
| Ø.23362.ØØ | | 34° | 21 |
| Ø.23363.ØØ | | 58° | 28 |
| Ø. 23364.ØØ | | Mira | |
| possible configuration | | Ø.23351.ØØ 10 | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

Accessories (pg. 516). Components for track (pg. 548-553).
Photometric data (pg. 767).






100° vertical adjustment for versions on suspended track: from 0° to 100°

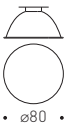
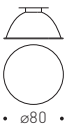
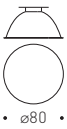
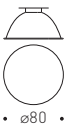
IP20 IOS 850° 356° 80° g 1043

| HALO IOS | QT-12 GY6.35 | IOS HL2 optics | finish reference |
|---|---|---|---|
| **60 W / 12V** | | | |
| Ø.23416.ØØ | | 18° | 10 |
| Ø.23417.ØØ | | 24° | 21 |
| Ø.23418.ØØ | | 30° | 28 |
| possible configuration | | Ø.23416.ØØ 10 | |

HALO IOS HL2 | HALO IOS HL2 FOOD | HALO IOS HL2 UV/IR | HALO IOS HL2

Accessories (pg. 516). Components for track (pg. 548-553).
Photometric data (pg. 772).

## Accessories
LED

| KAZÈ | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.**35Ø5Ø**.ØØ | 00 |
| | | | B | 15° | Ø.**35Ø49**.ØØ | |
| | | | C | 21° | Ø.**35Ø51**.ØØ | |
| | | | D | 29° | Ø.**35Ø52**.ØØ | |
| | | | E | 51° | Ø.**35Ø53**.ØØ | |
| | | | F | Mira* | Ø.**35Ø54**.ØØ | |
| | | | H | W. W. | Ø.**35Ø59**.ØØ | |
| LED IOS LL2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.**35Ø5Ø**.ØØ | 64 |
| | | | | 15° | Ø.**35Ø49**.ØØ | 65 |
| | | | | 21° | Ø.**35Ø51**.ØØ | 66 |
| | | | | 29° | Ø.**35Ø52**.ØØ | 67 |
| | | | | 51° | Ø.**35Ø53**.ØØ | |
| LED IOS LL7 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | N | 14° | Ø.**35169**.ØØ | 00 |
| | | | P | 21° | Ø.**3517Ø**.ØØ | |
| | | | Q | 30° | Ø.**35171**.ØØ | |
| | | | R | 36° | Ø.**35172**.ØØ | |
| | | | S | 40° | Ø.**35173**.ØØ | |
| | | | T | 69° | Ø.**35174**.ØØ | |
| | | | U | Mira* | Ø.**35175**.ØØ | |
| LED IOS LL7 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL7 | 14° | Ø.**35169**.ØØ | 64 |
| | | | | 21° | Ø.**3517Ø**.ØØ | 65 |
| | | | | 30° | Ø.**35171**.ØØ | 66 |
| | | | | 36° | Ø.**35172**.ØØ | 67 |
| | | | | 40° | Ø.**35173**.ØØ | |
| | | | | 69° | Ø.**35174**.ØØ | |
| |  | accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø**2289**.ØØ | 10<br>21<br>28 |

* elliptical beam

possible configuration — Ø.35Ø05.ØØ 00

## Accessories
metal halide lamps / halogen lamps

| KAZÈ | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 00 |
| | | | | 34° | Ø.**113Ø1**.ØØ | |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | |
| | | | | Mira* | Ø.**113Ø3**.ØØ | |
| MH IOS MH2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 64 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 65 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH2 UV/IR<br>MH IOS MH2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 59 |
| | | | | 34° | Ø.**113Ø1**.ØØ | 79 |
| | | | | 56°/58° | Ø.**113Ø2**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| HALO IOS HL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS HL2 | 18° | Ø.**113ØØ**.ØØ | 00 |
| | | | | 24° | Ø.**113Ø1**.ØØ | |
| | | | | 30° | Ø.**113Ø2**.ØØ | |
| HALO IOS HL2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS HL2 | 18° | Ø.**113ØØ**.ØØ | 64 |
| | | | | 24° | Ø.**113Ø1**.ØØ | 65 |
| | | | | 30° | Ø.**113Ø2**.ØØ | 66 |
| | | | | | | 67 |
| HALO IOS HL2 UV/IR<br>HALO IOS HL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS HL2 | 18° | Ø.**113ØØ**.ØØ | 59 |
| | | | | 24° | Ø.**113Ø1**.ØØ | 79 |
| | | | | 30° | Ø.**113Ø2**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| |  | accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track | | | Ø.Ø**2289**.ØØ | 10<br>21<br>28 |

* elliptical beam

possible configuration — Ø.113ØØ.ØØ 00




RIFLE Milano -Italia



# TRISIO PLUS_TRISIO

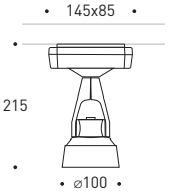
## adjustable projector

design by: **Fabio Reggiani**

## Adjustable projector for 3-circuit track mounting






IP20 | IOS | 850° | 356° | 90° | g 940

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | ▲ | | | | | |
| | Ø | B773 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| | V* | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | D* | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | T** | | K | without optics | | | | | |
| | possible configuration | | | | Ø . B773 A . HQ 10 | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | ▲ | | | | | |
| | Ø | B775 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| | V* | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | D* | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| | possible configuration | | | | Ø . B775 A . HQ 10 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

LED IOS LL2 | LED IOS LL2 FOOD

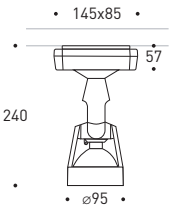
Accessories (pg. 533). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709).

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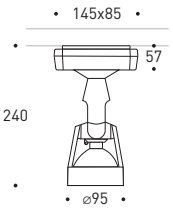
## Adjustable projector for metal halide lamps and halogen lamps

10 21 28








IP20 | IOS | 850° | 356° | 90° | g 943

IP20 | IOS | 850° | 356° | 90° | g 943

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.13Ø35.ØØ | | 14° | 10 |
| Ø.13Ø36.ØØ | | 34° | 21 |
| Ø.13Ø37.ØØ | | 56° | 28 |
| **35 W** | | | |
| Ø.13Ø38.ØØ | | 14° | 10 |
| Ø.13Ø39.ØØ | | 34° | 21 |
| Ø. 13Ø4Ø.ØØ | | 56° | 28 |
| **50 W** | | | |
| Ø.5Ø196.ØØ | | 14° | 10 |
| Ø.5Ø197.ØØ | | 34° | 21 |
| Ø.5Ø198.ØØ | | 56° | 28 |
| **70 W** | | | |
| Ø.13Ø41.ØØ | | 16° | 10 |
| Ø.13Ø42.ØØ | | 34° | 21 |
| Ø.13Ø43.ØØ | | 58° | 28 |
| possible configuration | | Ø.13Ø35.ØØ 10 | |

| HALO IOS | QT-12 GY6.35 | IOS HL2 optics | finish reference |
|---|---|---|---|
| **50 W / 12V** | | | |
| Ø.13Ø14.ØØ | | 18° | 10 |
| Ø.13Ø15.ØØ | | 24° | 21 |
| Ø.13Ø16.ØØ | | 30° | 28 |
| possible configuration | | Ø.13Ø14.ØØ 10 | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

Accessories (pg. 534). Components for track (pg. 548-553).
Photometric data (pg. 767).

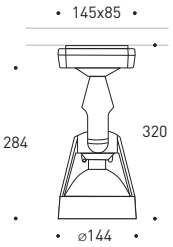
HALO IOS HL2 | HALO IOS HL2 FOOD | HALO IOS HL2 UV/IR | HALO IOS HL2

Accessories (pg. 534). Components for track (pg. 548-553).
Photometric data (pg. 772).

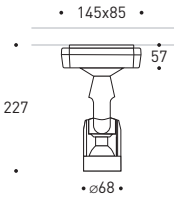
## Adjustable projector for metal halide lamps and halogen lamps

10 21 28








IP20 | IOS | 850° | 356° | 90° | g 1713

IP20 | 850° | 356° | 90° | g 902

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.13112.ØØ | | 14° | 10 |
| Ø.13113.ØØ | | 22° | 21 |
| Ø.13139.ØØ | | 28° | 28 |
| Ø.13114.ØØ | | 50° | |
| **35 W** | | | |
| Ø.131Ø3.ØØ | | 14° | 10 |
| Ø.131Ø4.ØØ | | 22° | 21 |
| Ø.13119.ØØ | | 28° | 28 |
| Ø.131Ø5.ØØ | | 50° | |
| **50 W** | | | |
| Ø.5Ø2Ø8.ØØ | | 14° | 10 |
| Ø.5Ø2Ø9.ØØ | | 22° | 21 |
| Ø.5Ø21Ø.ØØ | | 28° | 28 |
| Ø.5Ø211.ØØ | | 50° | |
| **70 W** | | | |
| Ø.131Ø6.ØØ | | 14° | 10 |
| Ø.131Ø7.ØØ | | 22° | 21 |
| Ø.13137.ØØ | | 28° | 28 |
| Ø.131Ø8.ØØ | | 50° | |
| **100 W** | | | |
| Ø.5Ø212.ØØ | | 16° | 10 |
| Ø.5Ø213.ØØ | | 22° | 21 |
| Ø.5Ø214.ØØ | | 28° | 28 |
| Ø.5Ø215.ØØ | | 48° | |
| **100 W** | | | |
| Ø.131Ø9.ØØ | | 14° | 10 |
| Ø.1311Ø.ØØ | | 22° | 21 |
| Ø.13138.ØØ | | 28° | 28 |
| Ø.13111.ØØ | | 48° | |
| possible configuration | | Ø.13112.ØØ 10 | |

| HALO | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| **50 W** | | | |
| Ø.13ØØØ.ØØ | | / | 10 |
| | | | 21 |
| | | | 28 |
| possible configuration | | Ø.13ØØØ.ØØ 10 | |

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

FILTERS

Accessories (pg. 534). Components for track (pg. 548-553).
Photometric data (pg. 770-771).

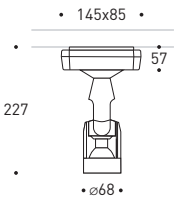
Accessories (pg. 535). Components for track (pg. 548-553).

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## Adjustable projector for halogen lamps

10 21 28

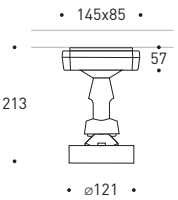





IP20 850° 356° 90° g 902

| HALO | HI-SPOT GZ10 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 50 W | | | |
| Ø.13ØØ2.ØØ | | / | 10 21 28 |
| possible configuration | | Ø.13ØØ2.ØØ 10 | |






IP20 850° 356° 90° g 860

| HALO | QR-111 G53 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 65 W | | | |
| Ø.13Ø34.ØØ | | / | 10 21 28 |
| possible configuration | | Ø.13Ø34.ØØ 10 | |

FILTERS

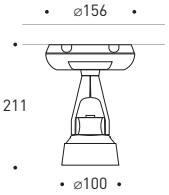
Components for track (pg. 548-553).

Accessories (pg. 535). Components for track (pg. 548-553).

## Adjustable projector for surface mounting

10 21 28






IP20 IOS 850° 356° 90° g 1010

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | ▲ | | | | | |
| | Ø | D773 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| | | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | D* | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | T** | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| | possible configuration | | | | Ø . D773 A . HQ 10 | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | ▲ | | | | | |
| | Ø | D775 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| | | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | D* | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| | possible configuration | | | | Ø . D775 A . HQ 10 | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

LED IOS LL2 | LED IOS LL2 FOOD

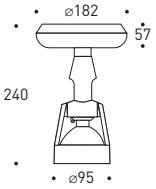
Accessories (pg. 533).
Photometric data (pg. 704-705 / 708-709).

REGGIANI

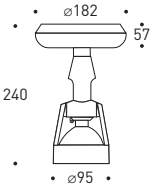
## Adjustable projector for metal halide lamps and halogen lamps

10 21 28








IP20 | IOS | 850° | 356° | 90° | g 1208

IP20 | IOS | 850° | 356° | 90° | g 1208

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| | Ø.13Ø55.ØØ | 14° | 10 |
| | Ø.13Ø56.ØØ | 34° | 21 |
| | Ø.13Ø57.ØØ | 56° | 28 |
| **35 W** | | | |
| | Ø.13Ø58.ØØ | 14° | 10 |
| | Ø.13Ø59.ØØ | 34° | 21 |
| | Ø. 13Ø6Ø.ØØ | 56° | 28 |
| **50 W** | | | |
| | Ø.5Ø2Ø2.ØØ | 14° | 10 |
| | Ø.5Ø2Ø3.ØØ | 34° | 21 |
| | Ø.5Ø2Ø4.ØØ | 56° | 28 |
| **70 W** | | | |
| | Ø.13Ø61.ØØ | 16° | 10 |
| | Ø.13Ø62.ØØ | 34° | 21 |
| | Ø.13Ø63.ØØ | 58° | 28 |
| possible configuration | | Ø.13Ø55.ØØ 10 | |

| € | HALO IOS | QT-12 GY6.35 | IOS HL2 optics | finish reference |
|---|---|---|---|---|
| | **50 W / 12V** | | | |
| 000,00 | | Ø.13Ø24.ØØ | 18° | 10 |
| 000,00 | | Ø.13Ø25.ØØ | 24° | 21 |
| 000,00 | | Ø.13Ø26.ØØ | 30° | 28 |
| | possible configuration | | Ø.13Ø24.ØØ 10 | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

HALO IOS HL2 | HALO IOS HL2 FOOD | HALO IOS HL2 UV/IR | HALO IOS HL2

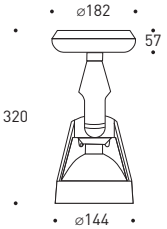
Accessories (pg. 534).
Photometric data (pg. 767).

Accessories (pg. 534).
Photometric data (pg. 772).

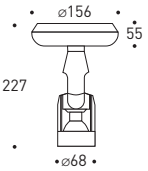
## Adjustable projector for metal halide lamps and halogen lamps

10 21 28








IP20 | IOS | 850° | 356° | 90° | g 1567

IP20 | 850° | 356° | 90° | g 902

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.13116.ØØ | | 14° | 10 |
| Ø.13117.ØØ | | 22° | 21 |
| Ø.1314Ø.ØØ | | 28° | 28 |
| Ø.13118.ØØ | | 50° | |
| **35 W** | | | |
| Ø.13123.ØØ | | 14° | 10 |
| Ø.13124.ØØ | | 22° | 21 |
| Ø.13142.ØØ | | 28° | 28 |
| Ø.13125.ØØ | | 50° | |
| **50 W** | | | |
| Ø.5Ø216.ØØ | | 14° | 10 |
| Ø.5Ø217.ØØ | | 22° | 21 |
| Ø.5Ø218.ØØ | | 28° | 28 |
| Ø.5Ø219.ØØ | | 50° | |
| **70 W** | | | |
| Ø.13126.ØØ | | 14° | 10 |
| Ø.13127.ØØ | | 22° | 21 |
| Ø.13143.ØØ | | 28° | 28 |
| Ø.13128.ØØ | | 50° | |
| possible configuration | | Ø.13116.ØØ 10 | |

| HALO | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| **50 W** | | | |
| Ø.13Ø1Ø.ØØ | | / | 10 |
| | | | 21 |
| | | | 28 |
| possible configuration | | Ø.13Ø1Ø.ØØ 10 | |

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

Accessories (pg. 534).
Photometric data (pg. 770-771).

FILTERS

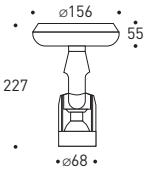
Accessories (pg. 535).

REGGIANI

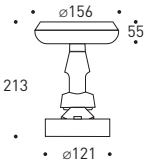
## Adjustable projector for halogen lamps

10 21 28








IP20 | 850° | 356° | 90° | g 902

| HALO | HI-SPOT GZ10 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 50 W | | | |
| Ø.13Ø12.ØØ | | / | 10 21 28 |
| possible configuration | | Ø.13Ø12.ØØ 10 | |

IP20 | 850° | 356° | 90° | g 860

| HALO | QR-111 G53 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 65 W | | | |
| Ø.13Ø54.ØØ | | / | 10 21 28 |
| possible configuration | | Ø.13Ø54.ØØ 10 | |

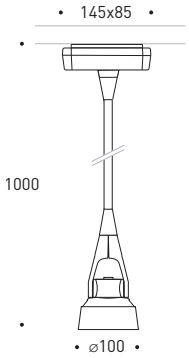
FILTERS

Accessories (pg. 535).

## Adjustable projector for 3-circuit track mounting









**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference IOS LL2 | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | Ø | C773 | A | 11° | HQ | 1221 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 1500 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | T** | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . C773 A . HQ 10 | | | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference IOS LL2 | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | Ø | C775 | A | 11° | HQ | 2038 | 3000 | >90 | 10 |
| | V* | | B | 15° | WW | 2650 | 3000 | >80 | 21 |
| | D* | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | | | K | without optics | | | | | |
| possible configuration | | | Ø . C775 A . HQ 10 | | | | | | |

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.
**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.

LED IOS LL2 | LED IOS LL2 FOOD

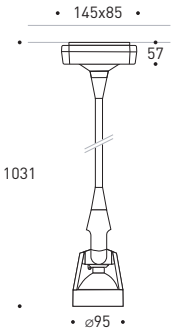
Accessories (pg. 533). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709).

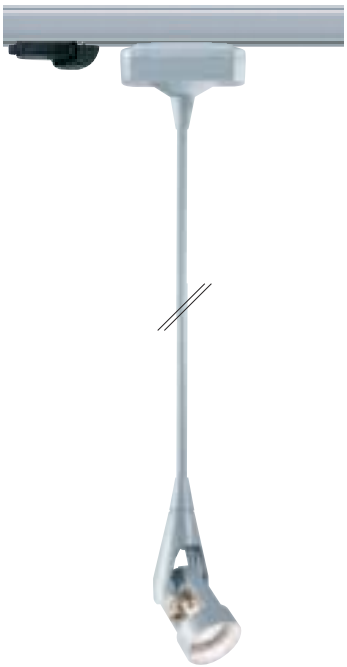
REGGIANI

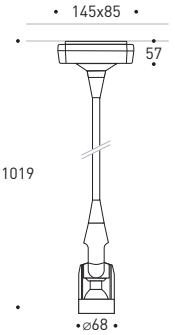
## Adjustable projector for metal halide lamps and halogen lamps

10 21 28








IP20 | IOS | 850° | 356° | 90° | g 1318

IP20 | 850° | 356° | 90° | g 1220

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.13Ø45.ØØ | | 14° | 10 |
| Ø.13Ø46.ØØ | | 34° | 21 |
| Ø.13Ø47.ØØ | | 56° | 28 |
| **35 W** | | | |
| Ø.13Ø48.ØØ | | 14° | 10 |
| Ø.13Ø49.ØØ | | 34° | 21 |
| Ø. 13Ø5Ø.ØØ | | 56° | 28 |
| **50 W** | | | |
| Ø.5Ø199.ØØ | | 14° | 10 |
| Ø.5Ø2Ø0.ØØ | | 34° | 21 |
| Ø.5Ø2Ø1.ØØ | | 56° | 28 |
| **70 W** | | | |
| Ø.13Ø51.ØØ | | 16° | 10 |
| Ø.13Ø52.ØØ | | 34° | 21 |
| Ø.13Ø53.ØØ | | 58° | 28 |
| possible configuration | | Ø.13Ø45.ØØ 10 | |

| HALO | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| **50 W** | | | |
| Ø.13Ø04.ØØ | | / | 10 |
| | | | 21 |
| | | | 28 |
| possible configuration | | Ø.13Ø04.ØØ 10 | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

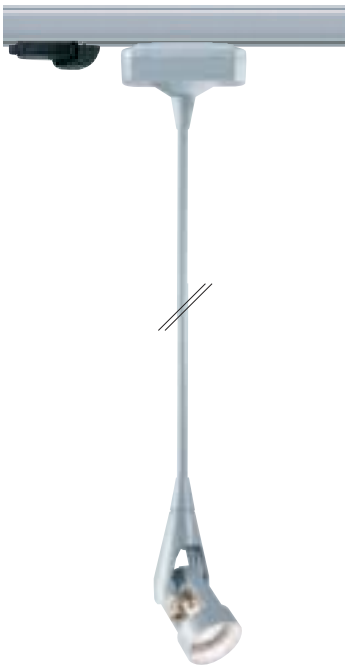
FILTERS

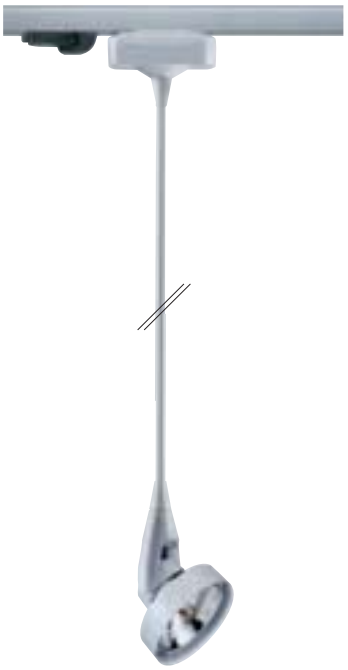
Accessories (pg. 534). Components for track (pg. 000).
Photometric data (pg. 767).

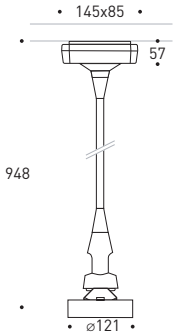
Accessories (pg. 535). Components for track (pg. 548-553).

## Adjustable projector for halogen lamps

10 21 28








IP20 850° 356° 90° g 1220

IP20 850° 356° 90° g 1202

| HALO | HI-SPOT GZ10 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 50 W | | | |
| Ø.13Ø06.ØØ | | / | 10<br>21<br>28 |
| possible configuration | | Ø.13Ø06.ØØ 10 | |

| HALO | QR-111 G53 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 65 W | | | |
| Ø.13Ø28.ØØ | | / | 10<br>21<br>28 |
| possible configuration | | Ø.13Ø28.ØØ 10 | |

FILTERS

Components for track (pg. 548-553).

Accessories (pg. 535). Components for track (pg. 548-553).

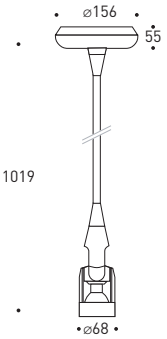
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## Adjustable projector for metal halide lamps and halogen lamps

10 21 28








IP20 | IOS | 850° | 356° | 90° | g 1604

IP20 | 850° | 356° | 90° | g 1220

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.13Ø75.ØØ | | 14° | 10 |
| Ø.13Ø76.ØØ | | 34° | 21 |
| Ø.13Ø77.ØØ | | 56° | 28 |
| **35 W** | | | |
| Ø.13Ø78.ØØ | | 14° | 10 |
| Ø.13Ø79.ØØ | | 34° | 21 |
| Ø. 13Ø8Ø.ØØ | | 56° | 28 |
| **50 W** | | | |
| Ø.5Ø2Ø5.ØØ | | 14° | 10 |
| Ø.5Ø2Ø6.ØØ | | 34° | 21 |
| Ø.5Ø2Ø7.ØØ | | 56° | 28 |
| **70 W** | | | |
| Ø.13Ø81.ØØ | | 16° | 10 |
| Ø.13Ø82.ØØ | | 34° | 21 |
| Ø.13Ø83.ØØ | | 58° | 28 |
| possible configuration | | Ø.13Ø75.ØØ 10 | |

| HALO | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| **50 W** | | | |
| Ø.13Ø2Ø.ØØ | | / | 10 |
| | | | 21 |
| | | | 28 |
| possible configuration | | Ø.13Ø2Ø.ØØ 10 | |

MH IOS MH2 | MH IOS MH2 FOOD | MH IOS MH2 UV/IR | MH IOS MH2

FILTERS

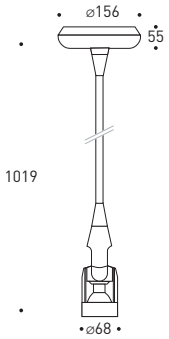
Accessories (pg. 534).
Photometric data (pg. 767).

Accessories (pg. 535).

## Adjustable projector for halogen lamps

10 21 28

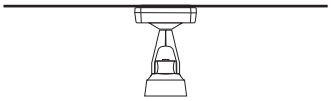


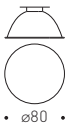
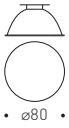



IP20 | 850° | 356° | 90° | g 1220

| HALO | HI-SPOT GZ10 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 50 W | | ▲ | |
| Ø.13Ø22.ØØ | | / | 10 |
| | | | 21 |
| | | | 28 |
| possible configuration | | Ø.13Ø22.ØØ 10 | |

## Accessories
LED

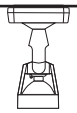


| TRISO PLUS | | details | | IOS | ▲ | reference | finish reference |
|---|---|---|---|---|---|---|---|
| LED IOS LL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | | A | 11° | Ø.35Ø5Ø.ØØ | 00 |
| | | | | B | 15° | Ø.35Ø49.ØØ | |
| | | | | C | 21° | Ø.35Ø51.ØØ | |
| | | | | D | 29° | Ø.35Ø52.ØØ | |
| | | | | E | 51° | Ø.35Ø53.ØØ | |
| | | | | F | Mira* | Ø.35Ø54.ØØ | |
| | | | | H | W. W. | Ø.35Ø59.ØØ | |
| LED IOS LL2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | | IOS LL2 | 11° | Ø.35Ø5Ø.ØØ | 64 |
| | | | | | 15° | Ø.35Ø49.ØØ | 65 |
| | | | | | 21° | Ø.35Ø51.ØØ | 66 |
| | | | | | 29° | Ø.35Ø52.ØØ | 67 |
| | | | | | 51° | Ø.35Ø53.ØØ | |

* elliptical beam

| possible configuration | Ø.35Ø5Ø.ØØ 00 |
|---|---|

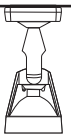
## Accessories
halogen lamps / metal halide lamps



| TRISIO | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16°<br>34°<br>56°/58° | Ø.**113ØØ**.ØØ<br>Ø.**113Ø1**.ØØ<br>Ø.**113Ø2**.ØØ | 00 |
| MH IOS MH2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16°<br>34°<br>56°/58° | Ø.**113ØØ**.ØØ<br>Ø.**113Ø1**.ØØ<br>Ø.**113Ø2**.ØØ | 64<br>65<br>66<br>67 |
| MH IOS MH2 UV/IR<br>MH IOS MH2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** anti UV - **79** IR<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16°<br>34°<br>56°/58° | Ø.**113ØØ**.ØØ<br>Ø.**113Ø1**.ØØ<br>Ø.**113Ø2**.ØØ | 59<br>79<br>74<br>75<br>76<br>77 |
| HALO IOS HL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS HL2 | 18°<br>24°<br>30° | Ø.**113ØØ**.ØØ<br>Ø.**113Ø1**.ØØ<br>Ø.**113Ø2**.ØØ | 00 |
| HALO IOS HL2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS HL2 | 18°<br>24°<br>30° | Ø.**113ØØ**.ØØ<br>Ø.**113Ø1**.ØØ<br>Ø.**113Ø2**.ØØ | 64<br>65<br>66<br>67 |
| HALO IOS HL2 UV/IR<br>HALO IOS HL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** anti UV - **79** IR<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS HL2 | 18°<br>24°<br>30° | Ø.**113ØØ**.ØØ<br>Ø.**113Ø1**.ØØ<br>Ø.**113Ø2**.ØØ | 59<br>79<br>74<br>75<br>76<br>77 |
|  | | anti-glare louvre | | | Ø.**11316**.ØØ | 21 |

possible configuration: Ø.**113ØØ**.ØØ 00

## Accessories
metal halide lamps

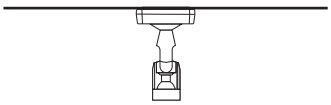


| TRISIO | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH5 |  • Ø130 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH5 | 14°/16°<br>22°<br>28°<br>48°/50°<br>Mira* | Ø.**1131Ø**.ØØ<br>Ø.**11311**.ØØ<br>Ø.**11318**.ØØ<br>Ø.**11312**.ØØ<br>Ø.**11313**.ØØ | 00 |
| MH IOS MH5 FOOD |  • Ø130 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH5 | 14°/16°<br>22°<br>28°<br>48°/50° | Ø.**1131Ø**.ØØ<br>Ø.**11311**.ØØ<br>Ø.**11318**.ØØ<br>Ø.**11312**.ØØ | 64<br>65<br>66<br>67 |
| MH IOS MH5 UV/IR<br>MH IOS MH5 |  • Ø130 • | interchangeable optical system<br><br>shield finish:<br>**59** anti UV - **79** IR<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH5 | 14°/16°<br>22°<br>28°<br>48°/50° | Ø.**1131Ø**.ØØ<br>Ø.**11311**.ØØ<br>Ø.**11318**.ØØ<br>Ø.**11312**.ØØ | 59<br>79<br>74<br>75<br>76<br>77 |
|  | | anti-glare louvre | | | Ø.**11317**.ØØ | 21 |

* elliptical beam

possible configuration: Ø.**1131Ø**.ØØ 00

## Accessories
halogen lamps (QR-CB)



| TRISIO | details | reference | finish reference |
|---|---|---|---|
| | dichroic filters | Ø.11314.ØØ | 74 |
| | shield finish: | Ø.11314.ØØ | 75 |
| | **74** blue | Ø.11314.ØØ | 76 |
| | **75** green | Ø.11314.ØØ | 77 |
| | **76** yellow | | |
| | **77** red | | |
| FILTERS | filters | Ø.11314.ØØ | 79 |
| | shield finish: | Ø.11314.ØØ | 80 |
| | **79** anti UV | Ø.11314.ØØ | 86 |
| | **80** sandblasted | Ø.11314.ØØ | 87 |
| | **86** elliptic | | |
| | **87** softener | | |

| possible configuration | Ø.11314.ØØ 74 |
|---|---|

## Accessories
halogen lamps (QR-111)



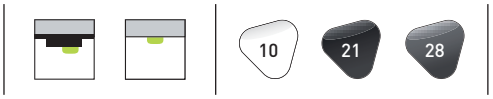
| TRISIO | details | reference | finish reference |
|---|---|---|---|
| | dichroic filters | Ø.11315.ØØ | 74 |
| | shield finish: | Ø.11315.ØØ | 75 |
| | **74** blue | Ø.11315.ØØ | 76 |
| | **75** green | Ø.11315.ØØ | 77 |
| | **76** yellow | | |
| | **77** red | | |
| FILTERS | filters | Ø.11315.ØØ | 79 |
| | shield finish: | Ø.11315.ØØ | 80 |
| | **79** anti UV | Ø.11315.ØØ | 86 |
| | **80** sandblasted | Ø.11315.ØØ | 87 |
| | **86** elliptic | | |
| | **87** softener | | |

| possible configuration | Ø.11315.ØØ 74 |
|---|---|

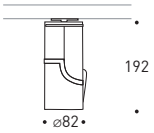


# LOW VOLTAGE
## adjustable projector

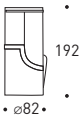
## Adjustable projector for low voltage halogen lamps with built-in transformer








IP20 | 850° | g 1299

1x20/35/50W

| HALO | QR-CB (GU5.3) | finish reference |
|---|---|---|
| | Ø.**Ø2812.**EV | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.**Ø2812.**EV 10 | |

IP20 | 850° | g 1299

1x20/35/50W

| HALO | QR-CB (GU5.3) | finish reference |
|---|---|---|
| | Ø.**Ø559Ø.**EV | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.**Ø559Ø.**EV 10 | |

FILTERS

Accessories (pg. 544). Components for track (pg. 548-553).

FILTERS

Accessories (pg. 544).



CE

REGGIANI

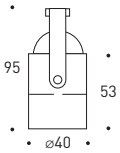
## Adjustable solid brass projector for low voltage halogen lamps



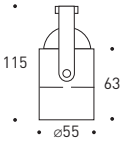









IP20 | III | 850° | g 1299 | ♻

**1x20/35W**

| HALO | QR-CB (GU4) | finish reference |
|---|---|---|
| | without adapter | |
| | Ø.**Ø2Ø21**.ØØ | 01 |
| | | 05 |
| | | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.**Ø2Ø21**.ØØ\|10\| | |

IP20 | III | 850° | g 1299 | ♻

**1x20/35/50W**

| HALO | QR-CB (GU5.3) | finish reference |
|---|---|---|
| | without adapter | |
| | Ø.**Ø2Ø22**.ØØ | 01 |
| | | 05 |
| | | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.**Ø2Ø22**.ØØ\|10\| | |

FILTERS

Accessories (pg. 544).

FILTERS

Accessories (pg. 544).

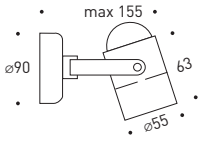


CE

## Adjustable solid brass projector for low voltage halogen lamps






IP20 | III | 850° | g 437

1x20/35/50W

| HALO | QR-CB (GU5.3) | finish reference |
|---|---|---|
| | Ø.**Ø2Ø13.**ØØ | [01] |
| | | [05] |
| | | [10] |
| | | [21] |
| | | [28] |

| possible configuration | Ø.**Ø2Ø13.**ØØ[10] |
|---|---|

FILTERS

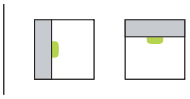
Accessories (pg. 544).



CE

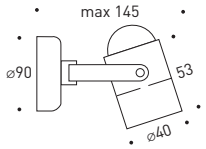
REGGIANI

## Adjustable solid brass projector for low voltage halogen lamps

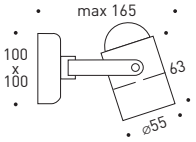











IP20 | 850° | g 1370

**1x20/35W**

| HALO | QR-CB (GU4) | finish reference |
|---|---|---|
| | built-in transformer | |
| | Ø.**Ø2Ø18.**EV | 01 |
| | | 05 |
| | | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.**Ø2Ø18.**EV\|10\| | |

IP20 | 850° | g 1305

**1x20/35/50W**

| HALO | QR-CB (GU5.3) | finish reference |
|---|---|---|
| | built-in transformer | |
| | Ø.**Ø2Ø19.**EV | 01 |
| | | 05 |
| | | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.**Ø2Ø19.**EV\|10\| | |

FILTERS

Accessories (pg. 544).

FILTERS

Accessories (pg. 544).



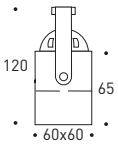
CE

## Adjustable projector for low voltage halogen lamps

05 10 21 28

**Special finish 01**: please contact Reggiani






IP20 | 850° | g 311

1x20/35/50W

| HALO | QR-CB (GU5.3) | finish reference |
|---|---|---|
| | Ø.Ø3735.ØØ | 05 |
| | | 10 |
| | | 21 |
| | | 28 |
| possible configuration | Ø.Ø3735.ØØ 10 | |

FILTERS

Accessories (pg. 545).



CE

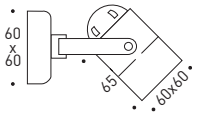
REGGIANI

## Adjustable projector for low voltage halogen lamps

05 10 21 28

**Special finish 01**: please contact Reggiani



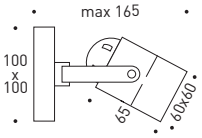



IP20 | III | 850° | g 454 | ♻

1x20/35/50W

| HALO | QR-CB (GU5.3) | finish reference |
|---|---|---|
| | Ø.**Ø3743.**ØØ | 05 |
| | | 10 |
| | | 21 |
| | | 28 |
| | possible configuration | Ø.**Ø3743.**ØØ[10] |






IP20 | ⏚ | 850° | g 1440 | ♻

1x20/35/50W

| HALO | QR-CB (GU5.3) | finish reference |
|---|---|---|
| | built-in transformer | |
| | Ø.**Ø3762.**EV | 05 |
| | | 10 |
| | | 21 |
| | | 28 |
| | possible configuration | Ø.**Ø3762.**EV[10] |

FILTERS

Accessories (pg. 545).

FILTERS

Accessories (pg. 545).



CE

# Accessories

| **SUNNY LIGHT** \| Accessories \| | details | reference | finish reference |
|---|---|---|---|
| | dichroic filters<br><br>shield finish:<br>**74** blue<br>**75** green<br>**76** yellow<br>**77** red | Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ | 74<br>75<br>76<br>77 |
| FILTERS | filters<br><br>shield finish:<br>**79** anti UV<br>**81** matt<br>**86** Elliptic<br>**87** softener | Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ | 79<br>81<br>86<br>87 |
| | wing framing projector | Ø.Ø**1912**.ØØ | 21 |
| | round framing projector | Ø.Ø**1913**.ØØ | 21 |
| | anti-glare louvre | Ø.Ø**1925**.ØØ | 21 |
| | honeycomb louvre (ø 50 mm) for luminaires with Polyblok | Ø.Ø**19Ø6**.ØØ | 21 |
| | anti-glare attachment with honeycomb louvre (ø 50 mm) for luminaires with Polyblok | Ø.Ø**19Ø9**.ØØ | 21 |
| possible configuration | | Ø.Ø**6937**.ØØ 74 | |

| **BIJOU** \| Accessories \| ref. **02021-02010-02018** | details | reference | finish reference |
|---|---|---|---|
| | dichroic filters<br><br>shield finish:<br>**74** blue<br>**75** green<br>**76** yellow<br>**77** red | Ø.Ø**6936**.ØØ<br>Ø.Ø**6936**.ØØ<br>Ø.Ø**6936**.ØØ<br>Ø.Ø**6936**.ØØ | 74<br>75<br>76<br>77 |
| FILTERS | filters<br><br>shield finish:<br>**79** anti UV<br>**81** matt | Ø.Ø**6936**.ØØ<br>Ø.Ø**6936**.ØØ | 79<br>81 |
| possible configuration | | Ø.Ø**6936**.ØØ 74 | |

| **BIJOU** \| Accessori \| ref. **02022-02013-02019** | details | reference | finish reference |
|---|---|---|---|
| | dichroic filters<br><br>shield finish:<br>**74** blue<br>**75** green<br>**76** yellow<br>**77** red | Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ | 74<br>75<br>76<br>77 |
| FILTERS | filters<br><br>shield finish:<br>**79** anti UV<br>**81** matt<br>**86** Elliptic<br>**87** softener | Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ | 79<br>81<br>86<br>87 |
| possible configuration | | Ø.Ø**6937**.ØØ 74 | |

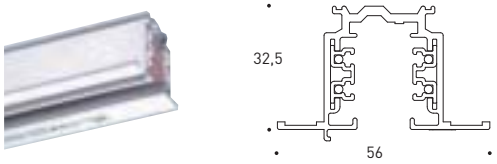
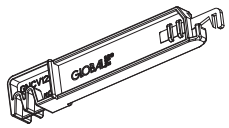
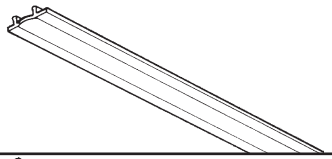
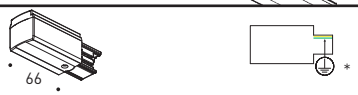
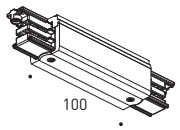
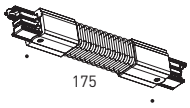
# Accessories

| **LOW VOLTAGE** \| Accessories \| ref. **03744** | details | reference | finish reference |
|---|---|---|---|
| | dichroic filters | Ø.Ø**6936**.ØØ | 74 |
| | shield finish:<br>**74** blue<br>**75** green<br>**76** yellow<br>**77** red | Ø.Ø**6936**.ØØ<br>Ø.Ø**6936**.ØØ<br>Ø.Ø**6936**.ØØ | 75<br>76<br>77 |
| FILTERS | filters | Ø.Ø**6936**.ØØ | 79 |
| | shield finish:<br>**79** anti UV<br>**81** matt | Ø.Ø**6936**.ØØ | 81 |
| | possible configuration | Ø.Ø6936.ØØ | 74 |

| **LOW VOLTAGE** \| Accessories \| ref. **03735-03743-03762** | details | reference | finish reference |
|---|---|---|---|
| | dichroic filters | Ø.Ø**6937**.ØØ | 74 |
| | shield finish:<br>**74** blue<br>**75** green<br>**76** yellow<br>**77** red | Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ | 75<br>76<br>77 |
| FILTERS | filters | Ø.Ø**6937**.ØØ | 79 |
| | shield finish:<br>**79** anti UV<br>**81** matt<br>**86** Elliptic<br>**87** softener | Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ<br>Ø.Ø**6937**.ØØ | 81<br>86<br>87 |
| | wing framing projector | Ø.Ø**1912**.ØØ | 21 |
| | round framing projector | Ø.Ø**1913**.ØØ | 21 |
| | anti-glare louvre | Ø.Ø**1925**.ØØ | 21 |
| | honeycomb louvre (ø 50 mm) for luminaires with Polyblok | Ø.Ø**19Ø6**.ØØ | 21 |
| | anti-glare attachment with honeycomb louvre (ø 50 mm) for luminaires with Polyblok | Ø.Ø**19Ø9**.ØØ | 21 |
| | anti-glare attachment | Ø.Ø**1946**.ØØ | 21 |
| | barn doors | Ø.Ø**1914**.ØØ | 21 |
| | possible configuration | Ø.Ø6937.ØØ | 74 |

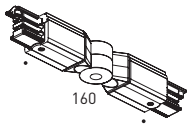
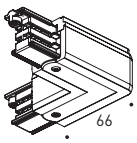
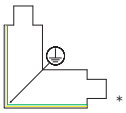
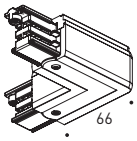
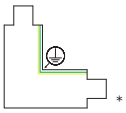
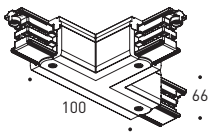
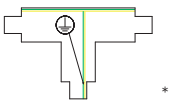
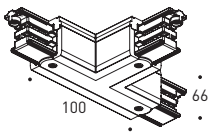
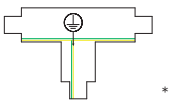
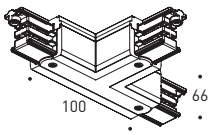
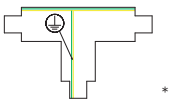
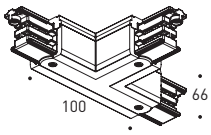
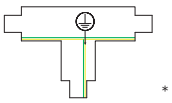
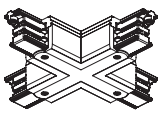
# TRACKS

## Components for the installation of projectors on 3-circuit track
(recessed and surface-mounted)

| | details | l/mm | reference | finish reference | possible configuration |
|---|---|---|---|---|---|
|  | surface-mounted track<br>mains voltage<br>(16 A at 230V) 3 circuits:<br>L1 + L2 + L3 + neutral + earth | 2000<br>3000<br>4000 | Ø.Ø**2240**.ØØ<br>Ø.Ø**2241**.ØØ<br>Ø.Ø**2242**.ØØ | 10<br>21<br>28<br>30 | Ø.Ø**2240**.ØØ 10 |
|  | recessed track<br>mains voltage<br>(16 A a 230V) 3 circuits:<br>L1 + L2 + L3 + neutral + earth | 2000<br>3000<br>4000 | Ø.Ø**2244**.ØØ<br>Ø.Ø**2245**.ØØ<br>Ø.Ø**2246**.ØØ | 10<br>21<br>28<br>30 | Ø.Ø**2244**.ØØ 10 |
|  | 3-circuit adapter<br>with nipples | | Ø.Ø**2270**.ØØ | 10<br>21<br>28 | Ø.Ø**2270**.ØØ 10 |
|  | bending tool | | Ø.Ø**2247**.ØØ | 00 | Ø.Ø**2247**.ØØ 00 |
|  | Blanking cover<br>length 3.000 mm<br><br>In order to guarantee the IP40 degree of protection, the track needs the relative blanking cover 0.02248.00 | | Ø.Ø**2248**.ØØ | 10 | Ø.Ø**2248**.ØØ 10 |
|  | live end | | Ø.Ø**2251**.ØØ | 10<br>21 | Ø.Ø**2251**.ØØ 10 |
|  | live end mirror image | | Ø.Ø**2252**.ØØ | | |
|  | centre feed | | Ø.Ø**2253**.ØØ | 10<br>21 | Ø.Ø**2253**.ØØ 10 |
|  | straight connector | | Ø.Ø**2254**.ØØ | 10<br>21 | Ø.Ø**2254**.ØØ 10 |
|  | flexible corner connector | | Ø.Ø**2255**.ØØ | 10<br>21 | Ø.Ø**2255**.ØØ 10 |

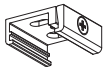
* view from above

## Components for the installation of projectors on 3-circuit track
(recessed and surface-mounted)

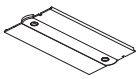
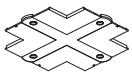
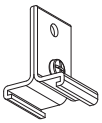
| | details | reference | finish reference | possible configuration |
|---|---|---|---|---|
|  | adjustable corner connector 60°-300° | Ø.Ø**2256**.ØØ | 10<br>21 | Ø.Ø**2256**.ØØ 10 |
|   | 90° elbow earth inside<br>*it can be used as live end* | Ø.Ø**2257**.ØØ | 10<br>21 | Ø.Ø**2257**.ØØ 10 |
|   | 90° elbow earth inside<br>*it can be used as live end* | Ø.Ø**2258**.ØØ | 10<br>21 | Ø.Ø**2258**.ØØ 10 |
|   | T-coupler<br>*it can be used as live end* | Ø.Ø**2259**.ØØ | 10<br>21 | Ø.Ø**2259**.ØØ 10 |
|   | T-coupler<br>*it can be used as live end* | Ø.Ø**2260**.ØØ | 10<br>21 | Ø.Ø**2260**.ØØ 10 |
|   | T-coupler<br>*it can be used as live end* | Ø.Ø**2261**.ØØ | 10<br>21 | Ø.Ø**2261**.ØØ 10 |
|   | T-coupler<br>*it can be used as live end* | Ø.Ø**2262**.ØØ | 10<br>21 | Ø.Ø**2262**.ØØ 10 |
|   | X-coupler<br>*it can be used as live end* | Ø.Ø**2263**.ØØ | 10<br>21 | Ø.Ø**2263**.ØØ 10 |
|  | end cap (dead end) | Ø.Ø**2264**.ØØ | 10<br>21 | Ø.Ø**2264**.ØØ 10 |

* view from above

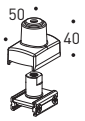
## Accessories
for surface-mounted track

| | details | reference | finish reference | possible configuration |
|---|---|---|---|---|
|  | ceiling clamp | Ø.Ø**2265**.ØØ | 10 | Ø.Ø**2265**.ØØ 10 |

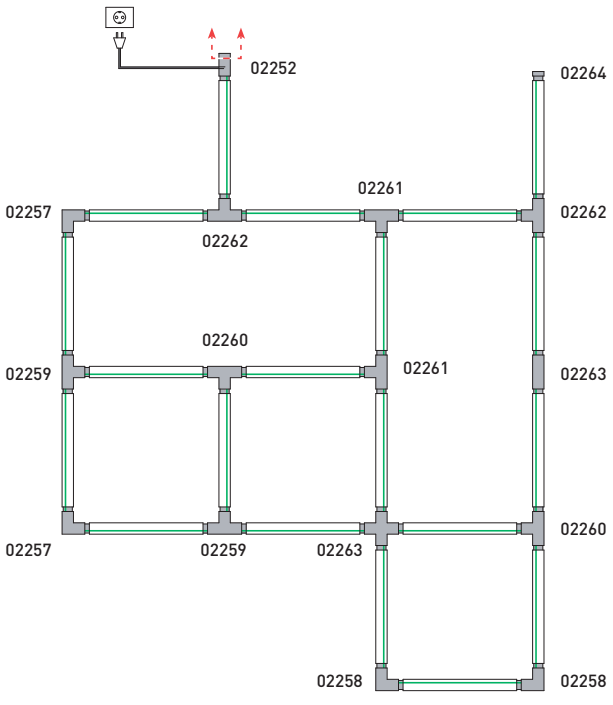
## Accessories
for recessed track

| | details | reference | finish reference | possible configuration |
|---|---|---|---|---|
|  | cover plate for feeds | Ø.Ø**2249**.ØØ | 10<br>21 | Ø.Ø**2249**.ØØ 10 |
|  | cover plate for connectors | Ø.Ø**2250**.ØØ | 10<br>21 | Ø.Ø**2250**.ØØ 10 |
|  | suspension clamp | Ø.Ø**2266**.ØØ | 10<br>30 | Ø.Ø**2266**.ØØ 10 |

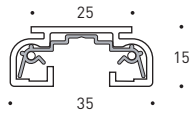
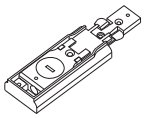
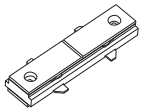
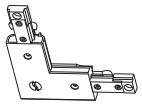
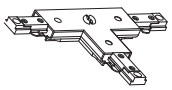
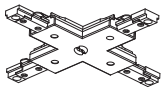
## Accessories
for suspended installation

| | details | reference | finish reference | possible configuration |
|---|---|---|---|---|
|   | point clamp suspension | Ø.Ø**2283**.ØØ | 10<br>21 | Ø.Ø**2283**.ØØ 10 |
|  | rod suspension set M6<br>F max 20kg<br>Length: 1.000 mm | Ø.Ø**2223**.ØØ | 10<br>21 | Ø.Ø**2223**.ØØ 10 |
|  | wire suspension set M6<br>F max 20kg<br>Length: 1.500 mm | Ø.Ø**2224**.ØØ | 10<br>21 | Ø.Ø**2224**.ØØ 10 |

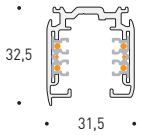
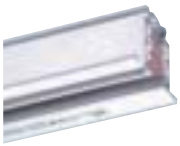
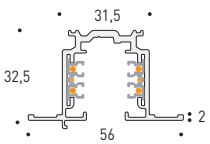
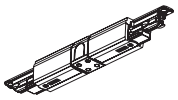
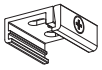
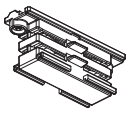
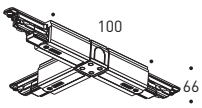
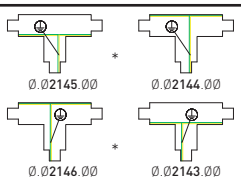
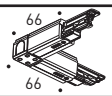
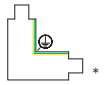
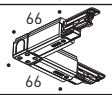
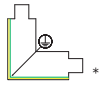
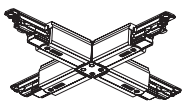
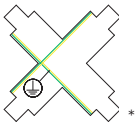
**CONFIGURATION EXAMPLE VIEW FROM ABOVE**



## On ultra-low profile 1-circuit track
(surface mounted)

| | details | l/mm | reference | finish reference | possible configuration |
|---|---|---|---|---|---|
|    | surface-mounted track<br>mains voltage<br>(16 A at 230V) | 2000 | Ø.Ø**2112**.ØØ | 10 | Ø.Ø2112.ØØ 10 |
| | | 3000 | Ø.Ø**2113**.ØØ | 21 | |
|  | adapter with nipples | | Ø.Ø**2131**.ØØ | 10<br>21 | Ø.Ø**2131**.ØØ 10 |
|  | live end | | Ø.Ø**2120**.ØØ | 10<br>21 | Ø.Ø**2120**.ØØ 10 |
|  | straight connector | | Ø.Ø**2121**.ØØ | 10<br>21 | Ø.Ø**2121**.ØØ 10 |
|  | end cap (dead end) | | Ø.Ø**2122**.ØØ | 10<br>21 | Ø.Ø**2122**.ØØ 10 |
|  | L-coupler | | Ø.Ø**2123**.ØØ | 10<br>21 | Ø.Ø**2123**.ØØ 10 |
|  | T-coupler | | Ø.Ø**2124**.ØØ | 10<br>21 | Ø.Ø**2124**.ØØ 10 |
|  | X-coupler | | Ø.Ø**2125**.ØØ | 10<br>21 | Ø.Ø**2125**.ØØ 10 |

## Components for the installation of projectors on 3-circuit track with provision for dimming (1-10V DC or Dali)

| | details | l/mm | reference | finish reference | possible configuration |
|---|---|---|---|---|---|
|    | 3-circuit track for surface mounting with provision for dimming (1-10V DC or DALI) | 1000 | Ø.**Ø2114**.ØØ | 10 | Ø.**Ø2114**.ØØ 10 |
| | | 2000 | Ø.**Ø2115**.ØØ | 21 | |
| | | 3000 | Ø.**Ø2116**.ØØ | 28 | |
| | | 4000 | Ø.**Ø2117**.ØØ | | |
|    | 3-circuit recessed track with provision for dimming (1-10V DC or DALI) | 1000 | Ø.**Ø2134**.ØØ | 10 | Ø.**Ø2134**.ØØ 10 |
| | | 2000 | Ø.**Ø2135**.ØØ | 21 | |
| | | 3000 | Ø.**Ø2136**.ØØ | 28 | |
| | | 4000 | Ø.**Ø2137**.ØØ | | |
|  | live end, left side | | Ø.**Ø2138**.ØØ | 10 | Ø.**Ø2138**.ØØ 10 |
| | | | | 21 | |
| | | | | 28 | |
|  | live end, right side | | Ø.**Ø2139**.ØØ | | |
|  | centre feed | | Ø.**Ø2140**.ØØ | 10 | Ø.**Ø2140**.ØØ 10 |
| | | | | 21 | |
| | | | | 28 | |
|  | end cap (dead end) | | Ø.**Ø2264**.ØØ | 10 | Ø.**Ø2264**.ØØ 10 |
| | | | | 21 | |
| | | | | 28 | |
|  | ceiling clamp | | Ø.**Ø2265**.ØØ | 10 | Ø.**Ø2264**.ØØ 10 |
| | | | | 21 | |
|  | straight connector | | Ø.**Ø2147**.ØØ | 10 | Ø.**Ø2147**.ØØ 10 |
| | | | | 21 | |
| | | | | 28 | |
|     | T-feed / coupler suspension | | Ø.**Ø2145**.ØØ | 10 | Ø.**Ø2245**.ØØ 10 |
| | | | Ø.**Ø2144**.ØØ | 21 | |
| | | | Ø.**Ø2146**.ØØ | | |
| | | | Ø.**Ø2143**.ØØ | | |
|     | L-feed / coupler suspension | | Ø.**Ø2142**.ØØ | 10 | Ø.**Ø2242**.ØØ 10 |
| | | | | 21 | |
|     | | | Ø.**Ø2141**.ØØ | | |
|    | X-feed / coupler suspension | | Ø.**Ø2129**.ØØ | 10 | Ø.**Ø2143**.ØØ 10 |
| | | | | 21 | |

* view from above



# CYL LIGHT

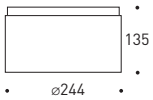
## fixed projector

design by: **Fabio Reggiani**

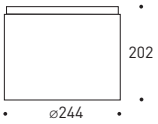
## Fixed projector with driver, for compact fluorescent lamps

10 21 28








IP20 850° g 1669

### COMPACT

2x13W

| FLU | TC-D (G24d-1) HPF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø761Ø**.EV | 76° | 10 21 28 |

2x18W

| FLU | TC-D (G24d-2) HPF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø7611**.EV | 90° | 10 21 28 |

2x26W

| FLU | TC-D (G24d-3) HPF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø7612**.EV | 94° | 10 21 28 |
| | possible configuration | Ø.Ø761Ø.EV10 | |

IP20 850° g 2597

### COMFORT

2x18W

| FLU | TC-D (G24d-2) HPF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø763Ø**.EV | 94° | 10 21 28 |

2x26W

| FLU | TC-D (G24d-3) HPF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø7631**.EV | 94° | 10 21 28 |
| | possible configuration | Ø.Ø763Ø.EV10 | |

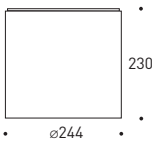
Accessories (pg. 563).

Accessories (pg. 563).

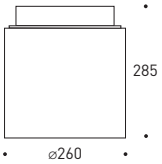
## Fixed projector with driver, for halogen lamps








IP20 | 850° | g 4132 | IK 07

1x70W

| HALO | HIT-DE (RX7s) HPF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø7665**.EV | 94° | 10 / 21 / 28 |

1x150W

| HALO | HIT-DE (RX7s) HPF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø7666**.EV | 94° | 10 / 21 / 28 |
| possible configuration | Ø.Ø7665.EV 10 | | |

IP40 | 850° | g 4893 | IK 07

1x70W

| HALO | HIT-DE (RX7s) HPF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø787Ø**.EV | 82° | 10 / 21 / 28 |

1x150W

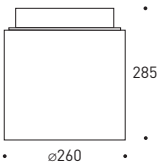
| HALO | HIT-DE (RX7s) HPF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø7871**.EV | 88° | 10 / 21 / 28 |
| possible configuration | Ø.Ø787Ø.EV 10 | | |

Accessories (pg. 563).

## Fixed projector with driver, for halogen lamps compact fluorescent lamps

10 21 28



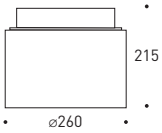



IP40 | 850° | g 6862 | IK 07

1x250W

| HALO | HIT-DE (FC2) HPF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø7692.**EV | 52° | 10 21 28 |
| possible configuration | Ø.Ø787Ø.EV 10 | | |






IP40 | 850° | g 4099

2x26W

| FLU | TC-D (G24d-3) HPF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø7652.**EV | 124° | 10 21 28 |

2x26W

| FLU | TC-DE (G24q-3) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø7672.**ØØ | 124° | 10 21 28 |
| possible configuration | Ø.Ø7652.EV 10 | | |

Accessories (pg. 563).

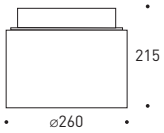
Accessories (pg. 563).

REGGIANI

## Fixed projector with driver, for compact fluorescent lamps

10 21 28






IP40 850° g 5242

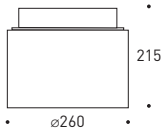
2x26W

| FLU | TC-D (G24d-3) HPF control gear | beam width | finish reference |
|---|---|---|---|
| for maintained illumination when used as emergency lightingTC-D / G24d-3 + TC-DE / G24q-3 | | ▲ | |
| Ø.**Ø7658.**EV | | 84° | 10 21 28 |

2x26W

| FLU | TC-DE (G24q-3) HF control gear | beam width | finish reference |
|---|---|---|---|
| for maintained illumination when used as emergency lighting | | ▲ | |
| Ø.**Ø7678.**ØØ | | 84° | 10 21 28 |
| possible configuration | | Ø.Ø7658.EV 10 | |






IP20 850° g 4245

WITH ANTI-GLARE TURBO LOUVRE

2x26W

| FLU | TC-D (G24d-3) HPF control gear | beam width | finish reference |
|---|---|---|---|
| | | ▲ | |
| Ø.**Ø7654.**EV | | 94° | 10 21 28 |

2x26W

| FLU | TC-DE (G24q-3) HF control gear | beam width | finish reference |
|---|---|---|---|
| | | ▲ | |
| Ø.**Ø7687.**ØØ | | 94° | 10 21 28 |
| possible configuration | | Ø.Ø7654.EV 10 | |

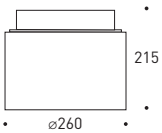
Accessories (pg. 563).

Accessories (pg. 563).

## Fixed projector with driver, for compact fluorescent lamps

10 21 28






IP20 850° g 5390

WITH ANTI-GLARE TURBO LOUVRE

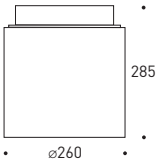
2x26W

| FLU | TC-D (G24d-3) HPF control gear | beam width | finish reference |
|---|---|---|---|
| | for maintained illumination when used as emergency lighting TC-D / G24d-3 + TC-DE / G24q-3 | | |
| | Ø.**Ø7694.**EV | 84° | 10 21 28 |

2x26W

| FLU | TC-DE (G24q-3) HF control gear | beam width | finish reference |
|---|---|---|---|
| | for maintained illumination when used as emergency lighting | | |
| | Ø.**Ø7668.**ØØ | 84° | 10 21 28 |
| | possible configuration | Ø.Ø7694.EV 10 | |






IP40 850° g 3584

2x32W

| FLU | TC-TE (GX24q-3) HPF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø7815.**ØØ | 112° | 10 21 28 |

2x42W

| FLU | TC-TE (GX24q-4) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø782Ø.**ØØ | 120° | 10 21 28 |
| | possible configuration | Ø.Ø7815.ØØ 10 | |

Accessories (pg. 563).

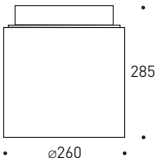
Accessories (pg. 563).

REGGIANI

## Fixed projector with driver, for compact fluorescent lamps

10 21 28






IP40 850° g 4787

2x32W

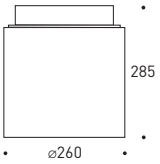
| FLU | TC-TE (GX24q-3) HPF control gear | beam width | finish reference |
|---|---|---|---|
| for maintained illumination when used as emergency lighting | | | |
| Ø.Ø7816.ØØ | | 84° | 10 21 28 |

2x42W

| FLU | TC-TE (GX24q-4) HF control gear | beam width | finish reference |
|---|---|---|---|
| for maintained illumination when used as emergency lighting | | | |
| Ø.Ø7821.ØØ | | 84° | 10 21 28 |
| possible configuration | | Ø.Ø7816.ØØ 10 | |

Accessories (pg. 563).






IP20 850° g 3628

WITH ANTI-GLARE TURBO LOUVRE

2x32W

| FLU | TC-TE (GX24q-3) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.Ø7825.ØØ | | 102° | 10 21 28 |

2x42W

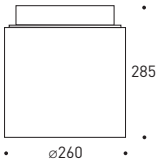
| FLU | TC-TE (GX24q-4) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.Ø783Ø.ØØ | | 104° | 10 21 28 |
| possible configuration | | Ø.Ø7825.ØØ 10 | |

Accessories (pg. 563).

## Fixed projector with driver, for compact fluorescent lamps






IP20 | 850° | g 4812

WITH ANTI-GLARE TURBO LOUVRE

2x32W

| FLU | TC-TE (GX24q-3) HPF control gear | beam width | finish reference |
|---|---|---|---|
| for maintained illumination when used as emergency lighting | | | |
| | Ø.**Ø7826**.ØØ | 102° | 10<br>21<br>28 |

2x42W

| FLU | TC-TE (GX24q-4) HF control gear | beam width | finish reference |
|---|---|---|---|
| for maintained illumination when used as emergency lighting | | | |
| | Ø.**Ø7831**.ØØ | 104° | 10<br>21<br>28 |
| | possible configuration | Ø.Ø7826.ØØ 10 | |

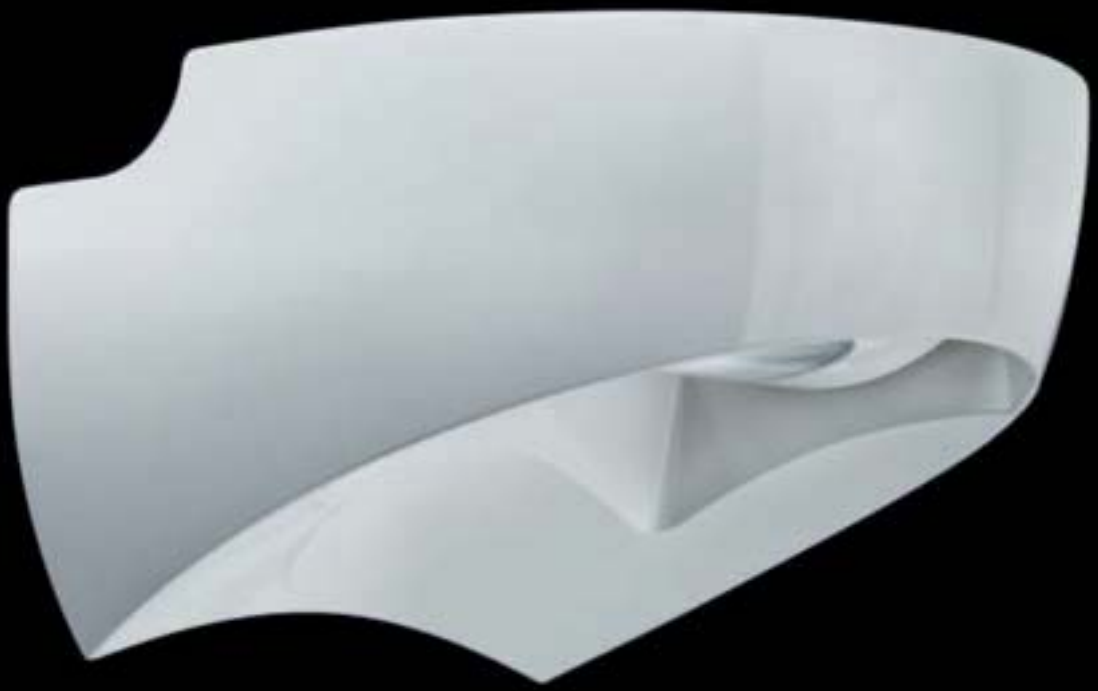
Accessories (pg. 563).

## Accessories
compact fluorescent lamps

| **CYL LIGHT Ø 244** | details | reference | finish reference |
|---|---|---|---|
|  | pendant with rod | Ø. Ø**6999**.ØØ | 10<br>21<br>28 |
| possible configuration | | Ø.Ø**6999**.ØØ | 10 |

## Accessories
compact fluorescent lamps

| **CYL LIGHT Ø 260** | details | reference | finish reference |
|---|---|---|---|
|  | accessory for suspended application. Made up of three steel cables (3 m) fitted with height adjusting sleeve for correct alignment of the luminaire. | Ø.Ø**6998**.ØØ | 10<br>21<br>28 |
|  | kit for fixing Cyl Light Ø 260 projectors (except for versions with emergency pack) on Reggiani surface mounted 3-circuit tracks | Ø.Ø**6995**.ØØ | 10<br>21<br>28 |
| possible configuration | | Ø.Ø**6998**.ØØ | 10 |



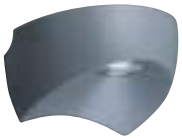
# NARANCIA

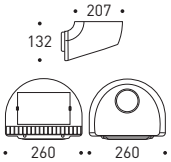
## fixed / adjustable projector

design by: **Fabio Reggiani**

## Fixed wall mounted projector with direct and indirect light distribution





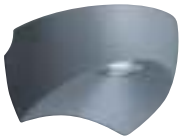

IP40 | IOS | 850° | 0° | 180° | g 1430

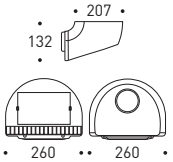
3x13 W — 1500 lm

| LED | driver reference | product reference | beam width IOS LL6 (▼) | beam width IOS LL2 (▲) | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| € | Ø | Ø7Ø9Ø | asymmetric indirect | direct 51° | HW | 1148 | 2700 | >90 | 10 |
| | | | | | HQ | 1221 | 3000 | >90 | 21 |
| | | | | | WW | 1500 | 3000 | >80 | 28 |
| | | | | | NN | 1661 | 4000 | >80 | |
| possible configuration | | | | | Ø . Ø7Ø9Ø . HQ . 10 | | | | |

LED IOS LL2 | LED IOS LL2 FOOD

Accessories (pg. 571).
Photometric data (pg. 704-705 / 735).






IP40 | IOS | 850° | 0° | 180° | g 1430

3x13 W — 1500 lm

| LED | driver reference | product reference | beam width IOS LL6 (▼) | beam width IOS LL2 (▲) | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | Ø* | B7Ø9Ø | asymmetric indirect | direct 51° | HW | 1148 | 2700 | >90 | 10 |
| | | | | | HQ | 1221 | 3000 | >90 | 21 |
| | | | | | WW | 1500 | 3000 | >80 | 28 |
| | | | | | NN | 1661 | 4000 | >80 | |
| possible configuration | | | | | Ø . B7Ø9Ø . HQ . 10 | | | | |

* With built-in dimmer for luminous intensity adjustment of each single luminaire

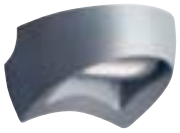
LED IOS LL2 | LED IOS LL2 FOOD

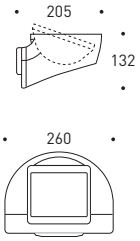
Accessories (pg. 571).
Photometric data (pg. 704-705 / 735).

REGGIANI

## Fixed wall mounted projector with direct/indirect light distribution for double-ended metal halide lamps, halogen lamps and compact fluorescent lamps

10 21 28






IP40 850° 0° 180° g 2305

**1x20W**

| MH | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11Ø09.ØØ | / | 10 | |
| | | 21 | |
| | | 28 | |

**1x13W**

| FLU | TC-T (GX24d-1) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11Ø2Ø.EV | / | 10 | |
| | | 21 | |
| | | 28 | |

**1x35W**

| MH | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11Ø11.ØØ | / | 10 | |
| | | 21 | |
| | | 28 | |

**1x13W**

| FLU | TC-TE (GX24q-1) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11Ø19.ØØ | / | 10 | |
| | | 21 | |
| | | 28 | |

**1x70W**

| MH | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11Ø13.ØØ | / | 10 | |
| | | 21 | |
| | | 28 | |

**1x18W**

| FLU | TC-T (GX24d-2) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11Ø22.EV | / | 10 | |
| | | 21 | |
| | | 28 | |

**1x120W**

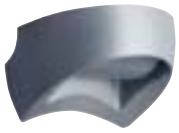
| HALO | QT-DE (R7s) mains voltage | beam width | finish reference |
|---|---|---|---|
| Ø.11Ø26.ØØ | / | 10 | |
| | | 21 | |
| | | 28 | |

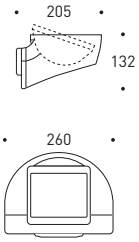
**1x18W**

| FLU | TC-TE (GX24q-2) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11Ø21.ØØ | / | 10 | |
| | | 21 | |
| | | 28 | |
| possible configuration | | Ø.11Ø09.ØØ 10 | |

## Fixed wall mounted projector with direct/indirect light distribution for double-ended metal halide lamps, halogen lamps and compact fluorescent lamps

10 21 28






IP40 | 850° | 0° | 180° | g 2305

**1x20W**

| MH | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11Ø01.ØØ | | asymmetric | 10 21 28 |

**1x35W**

| MH | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11Ø03.ØØ | | asymmetric | 10 21 28 |

**1x70W**

| MH | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11Ø05.ØØ | | asymmetric | 10 21 28 |

**1x120W**

| HALO | QT-DE (R7s) mains voltage | beam width | finish reference |
|---|---|---|---|
| Ø.11Ø24.ØØ | | asymmetric | 10 21 28 |

**1x13W**

| FLU | TC-T (GX24d-1) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11Ø16.EV | | 110° | 10 21 28 |

**1x13W**

| FLU | TC-TE (GX24q-1) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11Ø15.ØØ | | 110° | 10 21 28 |

**1x18W**

| FLU | TC-T (GX24d-2) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11Ø18.EV | | 110° | 10 21 28 |

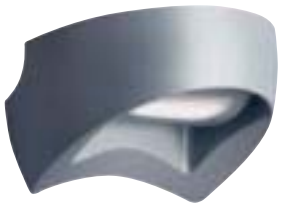
**1x13W**

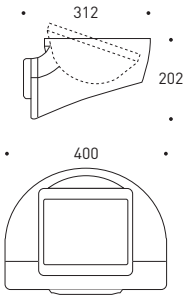
| FLU | TC-TE (GX24q-2) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11Ø17.ØØ | | 110° | 10 21 28 |
| possible configuration | | Ø.11ØØ9.ØØ | 10 |

REGGIANI

## Fixed wall mounted projector with direct/indirect light distribution for halogen lamps and compact fluorescent lamps

10 21 28






IP40 | 850° | 0° | 180° | g 6169

**1x70W**

| HALO | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.11Ø43.ØØ | / | 10 |
| | | | 21 |
| | | | 28 |

**1x230W**

| HALO | 114.2 QT-DE (R7s) mains voltage | beam width | finish reference |
|---|---|---|---|
| | Ø.11Ø78.ØØ | / | 10 |
| | | | 21 |
| | | | 28 |

**2x32W**

| FLU | TC-TE (GX24q-3) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.11Ø73.ØØ | / | 10 |
| | for maintained illumination when used as emergency lighting | | 21 |
| | Ø.11Ø97.ØØ | / | 28 |

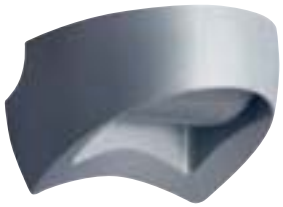
**2x42W**

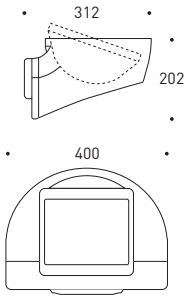
| FLU | TC-TE (GX24q-4) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.11Ø75.ØØ | / | 10 |
| | for maintained illumination when used as emergency lighting | | 21 |
| | Ø.11Ø99.ØØ | / | 28 |

| possible configuration | Ø.11Ø43.ØØ 10 |
|---|---|

## Fixed wall mounted projector with direct/indirect light distribution for halogen lamps and compact fluorescent lamps

10 21 28






IP40 | 850° | 0° | 180° | g 6110

1x70W

| HALO | HIT-DE (RX7s) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11Ø31.ØØ | asymmetric | | 10 |
| | | | 21 |
| | | | 28 |

1x230W

| HALO | QT-DE (R7s) mains voltage | beam width | finish reference |
|---|---|---|---|
| Ø.11Ø76.ØØ | asymmetric | | 10 |
| | | | 21 |
| | | | 28 |

2x32W

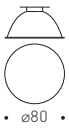
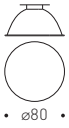
| FLU | TC-TE (GX24q-3) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11Ø65.ØØ | 108° | | 10 |
| for maintained illumination when used as emergency lighting | | | 21 |
| Ø.11Ø89.ØØ | 108° | | 28 |

2x42W

| FLU | TC-TE (GX24q-4) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.11Ø67.ØØ | 108° | | 10 |
| for maintained illumination when used as emergency lighting | | | 21 |
| Ø.11Ø91.ØØ | 108° | | 28 |

| possible configuration | Ø.11Ø31.ØØ 10 |
|---|---|

# Accessories
## LED

| NARANCIA | | details | IOS | ▲ | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.35Ø5Ø.ØØ | 00 |
| | | | B | 15° | Ø.35Ø49.ØØ | |
| | | | C | 21° | Ø.35Ø51.ØØ | |
| | | | D | 29° | Ø.35Ø52.ØØ | |
| | | | E | 51° | Ø.35Ø53.ØØ | |
| | | | F | Mira* | Ø.35Ø54.ØØ | |
| | | | H | W. W. | Ø.35Ø59.ØØ | |
| LED IOS LL2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.35Ø5Ø.ØØ | 64 |
| | | | | 15° | Ø.35Ø49.ØØ | 65 |
| | | | | 21° | Ø.35Ø51.ØØ | 66 |
| | | | | 29° | Ø.35Ø52.ØØ | 67 |
| | | | | 51° | Ø.35Ø53.ØØ | |

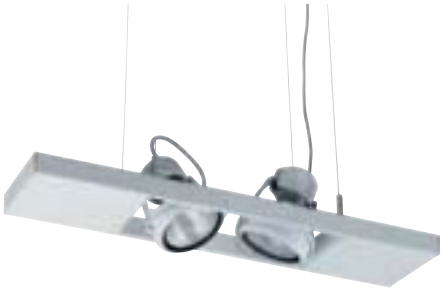
* elliptical beam

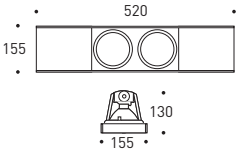
| possible configuration | Ø.35ØØ5.ØØ 00 |
|---|---|



# LADDER

## Pendant lighting system with 2 optical compartments (adjustable via universal joint), LEDs and control gear technology






IP20 | IOS | 850° | g 5332

**2x13 W** — **1500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | Ø.BBØRK | without optics | HQ | 1221 | 3000 | >90 | 28 |
| | | | WW | 1500 | 3000 | >80 | |
| | | | NN | 1661 | 4000 | >80 | |
| possible configuration | | | Ø.BBØRK. HQ 28 | | | | |

| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |




In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

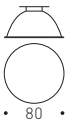
Photometric data (pg. 704-705).

IP20 | IOS | 850° | g 5332

**2x22 W** — **2500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | Ø.BBØJK | without optics | HQ | 2038 | 3000 | >90 | 28 |
| | | | WW | 2650 | 3000 | >80 | |
| | | | NN | 2759 | 4000 | >80 | |
| possible configuration | | | Ø.BBØJK. HQ 28 | | | | |

| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |



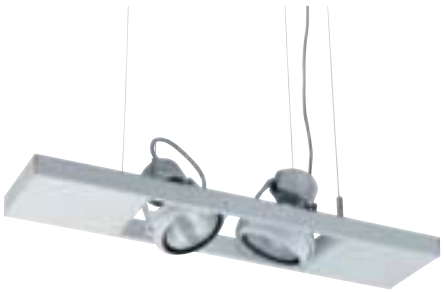

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

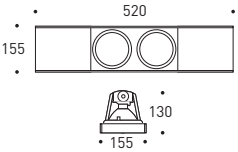
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 708-709).

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## Pendant lighting system with 2 optical compartments (adjustable via universal joint), LEDs and control gear technology

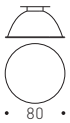





IP20 | IOS | 850° | g 5332

**2x30 W** — **3500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | Ø.BBØVK | without optics | HQ | 2944 | 3000 | >90 | 28 |
| | | | WW | 3617 | 3000 | >80 | |
| | | | NN | 3798 | 4000 | >80 | |
| possible configuration | | | Ø.BBØVK. HQ 28 | | | | |




| optics reference IOS LL2 | ▲ |
|---|---|
| Ø.35Ø50.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

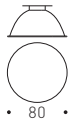
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 712-713).

IP20 | IOS | 850° | g 5747

**2x38 W** — **4000 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | Ø.BBØKK | without optics | HQ | 3578 | 3000 | >90 | 28 |
| | | | WW | 4329 | 3000 | >80 | |
| | | | NN | 4480 | 4000 | >80 | |
| possible configuration | | | Ø.BBØKK. HQ 28 | | | | |



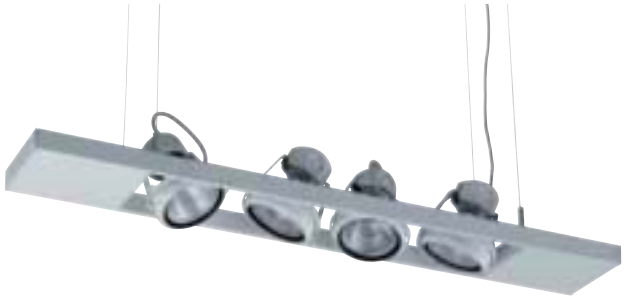

| optics reference IOS LL7 | ▲ |
|---|---|
| Ø.35169.ØØ | 14° |
| Ø.35170.ØØ | 21° |
| Ø.35171.ØØ | 30° |
| Ø.35172.ØØ | 36° |
| Ø.35173.ØØ | 40° |
| Ø.35174.ØØ | 69° |
| Ø.35175.ØØ | Mira |

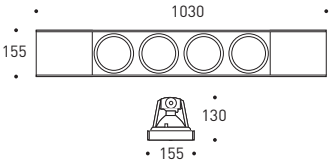
In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 714).

## Pendant lighting system with 4 optical compartments (adjustable via universal joint), LEDs and control gear technology






IP20 | IOS | 850° | g 5901

**4x13 W** — **1500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | Ø.BBØTK | without optics | HQ | 1221 | 3000 | >90 | 28 |
| | | | WW | 1500 | 3000 | >80 | |
| | | | NN | 1661 | 4000 | >80 | |
| possible configuration | | | Ø.BBØTK. HQ 28 | | | | |

| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |




In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

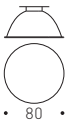
Photometric data (pg. 704-705).

IP20 | IOS | 850° | g 5901

**4x22 W** — **2500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | Ø.BBØWK | without optics | HQ | 2038 | 3000 | >90 | 28 |
| | | | WW | 2650 | 3000 | >80 | |
| | | | NN | 2759 | 4000 | >80 | |
| possible configuration | | | Ø.BBØWK. HQ 28 | | | | |

| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |




In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

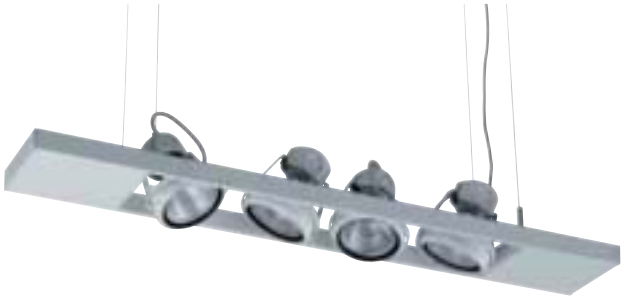
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

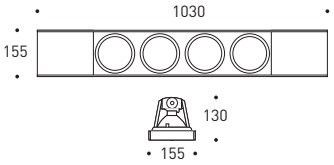
Photometric data (pg. 708-709).

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## Pendant lighting system with 4 optical compartments (adjustable via universal joint), LEDs and control gear technology



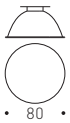






IP20 | IOS | 850° | g 5901

**4x30 W** — **3500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | Ø.BBØZK | without optics | HQ | 2944 | 3000 | >90 | 28 |
| | | | WW | 3617 | 3000 | >80 | |
| | | | NN | 3798 | 4000 | >80 | |
| possible configuration | | | Ø.BBØZK. HQ 28 | | | | |




| optics reference IOS LL2 | ▲ |
|---|---|
| Ø.35Ø50.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

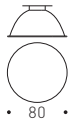
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 712-713).

IP20 | IOS | 850° | g 6740

**4x38 W** — **4000 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | Ø.BBØXK | without optics | HQ | 3578 | 3000 | >90 | 28 |
| | | | WW | 4329 | 3000 | >80 | |
| | | | NN | 4480 | 4000 | >80 | |
| possible configuration | | | Ø.BBØXK. HQ 28 | | | | |




| optics reference IOS LL7 | ▲ |
|---|---|
| Ø.35169.ØØ | 14° |
| Ø.35170.ØØ | 21° |
| Ø.35171.ØØ | 30° |
| Ø.35172.ØØ | 36° |
| Ø.35173.ØØ | 40° |
| Ø.35174.ØØ | 69° |
| Ø.35175.ØØ | Mira |

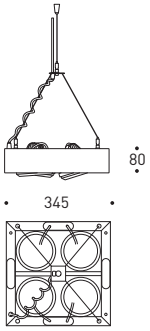
In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 714).

## Pendant lighting system with 4 optical compartments (adjustable via universal joint), LEDs and control gear technology






IP20 | IOS | 850° | g 7948

**4x13 W** — **1500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | 0.FB0TK | without optics | HQ | 1221 | 3000 | >90 | 28 |
| | | | WW | 1500 | 3000 | >80 | |
| | | | NN | 1661 | 4000 | >80 | |
| possible configuration | | | 0.FB0TK. HQ 28 | | | | |

| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |




In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

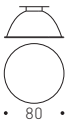
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 704-705).

**4x22 W** — **2500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | 0.FB0WK | without optics | HQ | 2038 | 3000 | >90 | 28 |
| | | | WW | 2650 | 3000 | >80 | |
| | | | NN | 2759 | 4000 | >80 | |
| possible configuration | | | 0.FB0WK. HQ 28 | | | | |

| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |




In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

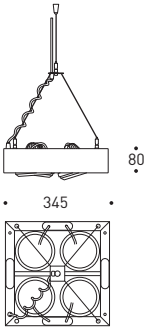
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 708-709).

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## Pendant lighting system with 4 optical compartments (adjustable via universal joint), LEDs and control gear technology

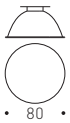





IP20 | IOS | 850° | g 7948

### 4x30 W — 3500 lm

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | 0.FB0ZK | without optics | HQ | 2944 | 3000 | >90 | 28 |
| | | | WW | 3617 | 3000 | >80 | |
| | | | NN | 3798 | 4000 | >80 | |
| possible configuration | | | 0.FB0ZK. HQ 28 | | | | |




| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |

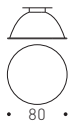
In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 712-713).

### 4x38 W — 4000 lm

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | 0.FB0XK | without optics | HQ | 3578 | 3000 | >90 | 28 |
| | | | WW | 4329 | 3000 | >80 | |
| | | | NN | 4480 | 4000 | >80 | |
| possible configuration | | | 0.FB0XK. HQ 28 | | | | |




| optics reference IOS LL7 | |
|---|---|
| Ø.35169.ØØ | 14° |
| Ø.35170.ØØ | 21° |
| Ø.35171.ØØ | 30° |
| Ø.35172.ØØ | 36° |
| Ø.35173.ØØ | 40° |
| Ø.35174.ØØ | 69° |
| Ø.35175.ØØ | Mira |

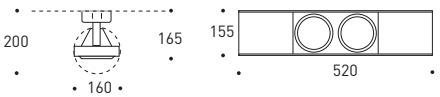
In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 714).

## Surface-mounted lighting system with 2 optical compartments adjustable via universal joint






IP20 | IOS | 850° | g 5896

**2x13 W** — **1500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | **0.CB0RK** | without optics | HQ | 1221 | 3000 | >90 | 28 |
| | | | WW | 1500 | 3000 | >80 | |
| | | | NN | 1661 | 4000 | >80 | |
| possible configuration | | | 0.CB0RK. HQ 28 | | | | |

| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |




In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

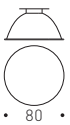
Photometric data (pg. 704-705).

IP20 | IOS | 850° | g 5896

**2x22 W** — **2500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | **0.CB0JK** | without optics | HQ | 2038 | 3000 | >90 | 28 |
| | | | WW | 2650 | 3000 | >80 | |
| | | | NN | 2759 | 4000 | >80 | |
| possible configuration | | | 0.CB0JK. HQ 28 | | | | |

| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |



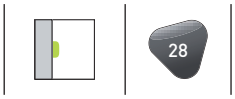

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

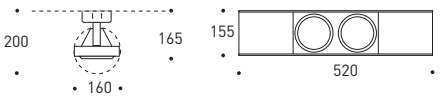
Photometric data (pg. 708-709).

REGGIANI

## Surface-mounted lighting system with 2 optical compartments adjustable via universal joint



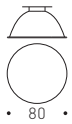



IP20 | IOS | 850° | g 5896

**2x30 W** — **3500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | 0.CB0VK | without optics | HQ | 2944 | 3000 | >90 | 28 |
| | | | WW | 3617 | 3000 | >80 | |
| | | | NN | 3798 | 4000 | >80 | |
| possible configuration | | | 0.CB0VK. HQ 28 | | | | |




| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

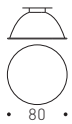
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 712-713).

IP20 | IOS | 850° | g 5896

**2x38 W** — **4000 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | 0.CB0KK | without optics | HQ | 3578 | 3000 | >90 | 28 |
| | | | WW | 4329 | 3000 | >80 | |
| | | | NN | 4480 | 4000 | >80 | |
| possible configuration | | | 0.CB0KK. HQ 28 | | | | |




| optics reference IOS LL7 | |
|---|---|
| Ø.35169.ØØ | 14° |
| Ø.35170.ØØ | 21° |
| Ø.35171.ØØ | 30° |
| Ø.35172.ØØ | 36° |
| Ø.35173.ØØ | 40° |
| Ø.35174.ØØ | 69° |
| Ø.35175.ØØ | Mira |

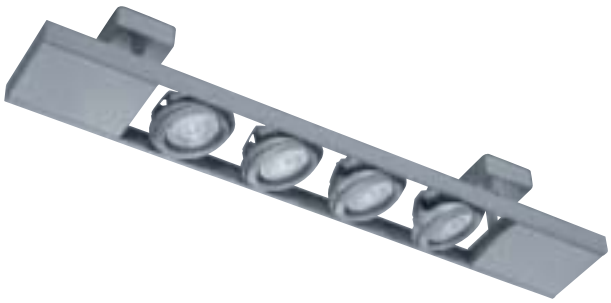
In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

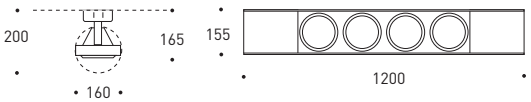
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 714).

## Surface-mounted lighting system with 4 optical compartments adjustable via universal joint






IP20 | IOS | 850° | g 7419

**4x13 W** — **1500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | **0.CB0TK** | without optics | HQ | 1221 | 3000 | >90 | 28 |
| | | | WW | 1500 | 3000 | >80 | |
| | | | NN | 1661 | 4000 | >80 | |

possible configuration: **0.CB0TK.** HQ 28

| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |




In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 704-705).

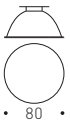
IP20 | IOS | 850° | g 7419

**4x22 W** — **2500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | **0.CB0WK** | without optics | HQ | 2038 | 3000 | >90 | 28 |
| | | | WW | 2650 | 3000 | >80 | |
| | | | NN | 2759 | 4000 | >80 | |

possible configuration: **0.CB0WK.** HQ 28

| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |



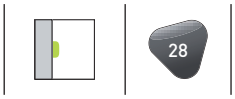

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

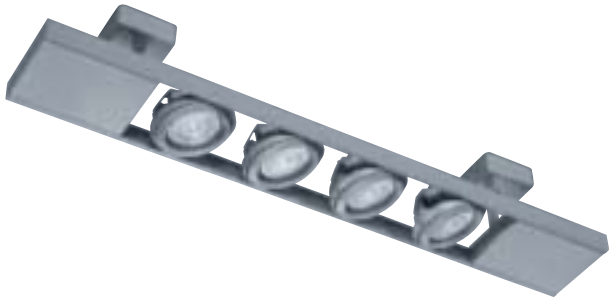
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

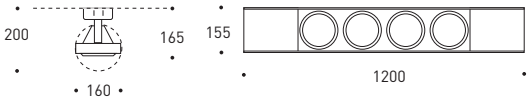
Photometric data (pg. 708-709).

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## Surface-mounted lighting system with 4 optical compartments adjustable via universal joint



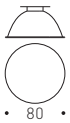






IP20 | IOS | 850° | g 7419

**4x30 W** — **3500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | 0.CB0ZK | without optics | HQ | 2944 | 3000 | >90 | 28 |
| | | | WW | 3617 | 3000 | >80 | |
| | | | NN | 3798 | 4000 | >80 | |
| possible configuration | | | 0.CB0ZK. HQ 28 | | | | |




| optics reference IOS LL2 | ▲ |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

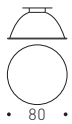
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 712-713).

IP20 | IOS | 850° | g 8261

**4x38 W** — **4000 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | 0.CB0XK | without optics | HQ | 3578 | 3000 | >90 | 28 |
| | | | WW | 4329 | 3000 | >80 | |
| | | | NN | 4480 | 4000 | >80 | |
| possible configuration | | | 0.CB0XK. HQ 28 | | | | |




| optics reference IOS LL7 | ▲ |
|---|---|
| Ø.35169.ØØ | 14° |
| Ø.35170.ØØ | 21° |
| Ø.35171.ØØ | 30° |
| Ø.35172.ØØ | 36° |
| Ø.35173.ØØ | 40° |
| Ø.35174.ØØ | 69° |
| Ø.35175.ØØ | Mira |

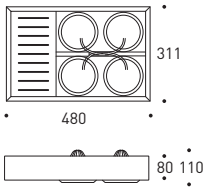
In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 714).

## Surface-mounted lighting system with 4 optical compartments adjustable via universal joint



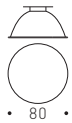



IP20 | IOS | 850° | g 7948

**4x13 W** — **1500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | **0.DB0TK** | without optics | HQ | 1221 | 3000 | >90 | 28 |
| | | | WW | 1500 | 3000 | >80 | |
| | | | NN | 1661 | 4000 | >80 | |
| possible configuration | | | **0.DB0TK.** HQ 28 | | | | |

| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |




In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

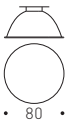
Photometric data (pg. 704-705).

IP20 | IOS | 850° | g 7948

**4x22 W** — **2500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | **0.DB0WK** | without optics | HQ | 2038 | 3000 | >90 | 28 |
| | | | WW | 2650 | 3000 | >80 | |
| | | | NN | 2759 | 4000 | >80 | |
| possible configuration | | | **0.DB0WK.** HQ 28 | | | | |

| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |



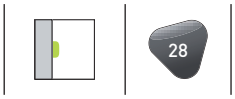

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

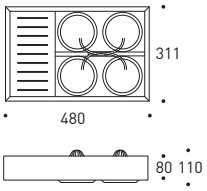
Photometric data (pg. 708-709).

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## Surface-mounted lighting system with 4 optical compartments adjustable via universal joint



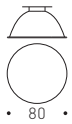



IP20 | IOS | 850° | g 7948

**4x30 W** — **3500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | 0.DB0ZK | without optics | HQ | 2944 | 3000 | >90 | 28 |
| | | | WW | 3617 | 3000 | >80 | |
| | | | NN | 3798 | 4000 | >80 | |
| possible configuration | | | 0.DB0ZK. HQ 28 | | | | |




| optics reference IOS LL2 | ▲ |
|---|---|
| Ø.35Ø50.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

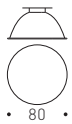
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 712-713).

IP20 | IOS | 850° | g 7948

**4x38 W** — **4000 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | 0.DB0XK | without optics | HQ | 3578 | 3000 | >90 | 28 |
| | | | WW | 4329 | 3000 | >80 | |
| | | | NN | 4480 | 4000 | >80 | |
| possible configuration | | | 0.DB0XK. HQ 28 | | | | |




| optics reference IOS LL7 | ▲ |
|---|---|
| Ø.35169.ØØ | 14° |
| Ø.35170.ØØ | 21° |
| Ø.35171.ØØ | 30° |
| Ø.35172.ØØ | 36° |
| Ø.35173.ØØ | 40° |
| Ø.35174.ØØ | 69° |
| Ø.35175.ØØ | Mira |

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

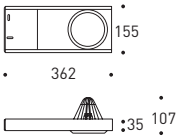
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 714).

## Surface-mounted lighting system with 1 optical compartment (adjustable via universal joint), LEDs and control gear technology



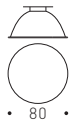



IP20 | IOS | 850° | g 2201

**1x13 W** — **1500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | 0.GB03K | without optics | HQ | 1221 | 3000 | >90 | 28 |
| | | | WW | 1500 | 3000 | >80 | |
| | | | NN | 1661 | 4000 | >80 | |
| possible configuration | | | 0.GB03K. HQ 28 | | | | |




| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

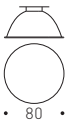
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 704-705).

IP20 | IOS | 850° | g 2201

**1x22 W** — **2500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | 0.GB05K | without optics | HQ | 2038 | 3000 | >90 | 28 |
| | | | WW | 2650 | 3000 | >80 | |
| | | | NN | 2759 | 4000 | >80 | |
| possible configuration | | | 0.GB05K. HQ 28 | | | | |




| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |

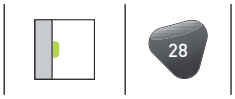
In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

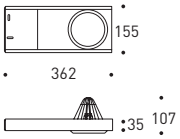
Photometric data (pg. 708-709).

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## Surface-mounted lighting system with 1 optical compartment (adjustable via universal joint), LEDs and control gear technology





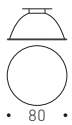




IP20 | IOS | 850° | g 2201

**1x30 W** — **3500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | 0.GB07K | without optics | HQ | 2944 | 3000 | >90 | 28 |
| | | | WW | 3617 | 3000 | >80 | |
| | | | NN | 3798 | 4000 | >80 | |
| possible configuration | | | 0.GB07K. HQ 28 | | | | |

+




| optics reference IOS LL2 | ▲ |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

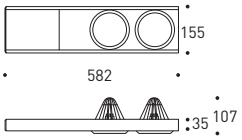
Photometric data (pg. 712-713).

Photometric data (pg. 714).

## Surface-mounted lighting system with 2 optical compartments (adjustable via universal joint), LEDs and control gear technology



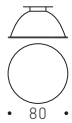



IP20 | IOS | 850° | g 3097

**2x13 W** — **1500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | **0.GB0RK** | without optics | HQ | 1221 | 3000 | >90 | 28 |
| | | | WW | 1500 | 3000 | >80 | |
| | | | NN | 1661 | 4000 | >80 | |
| possible configuration | | | 0.GB0RK. HQ 28 | | | | |




| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

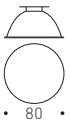
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 704-705).

IP20 | IOS | 850° | g 3097

**2x22 W** — **2500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | **0.GB0JK** | without optics | HQ | 2038 | 3000 | >90 | 28 |
| | | | WW | 2650 | 3000 | >80 | |
| | | | NN | 2759 | 4000 | >80 | |
| possible configuration | | | 0.GB0JK. HQ 28 | | | | |




| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |

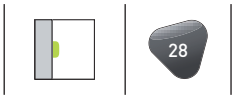
In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

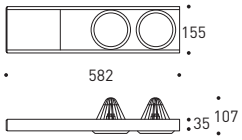
Photometric data (pg. 708-709).

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## Surface-mounted lighting system with 2 optical compartments (adjustable via universal joint), LEDs and control gear technology



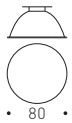



IP20 | IOS | 850° | g 3097

**2x30 W** — **3500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | 0.GB0VK | without optics | HQ | 2944 | 3000 | >90 | 28 |
| | | | WW | 3617 | 3000 | >80 | |
| | | | NN | 3798 | 4000 | >80 | |
| possible configuration | | | 0.GB0VK. HQ 28 | | | | |




| optics reference IOS LL2 | ▲ |
|---|---|
| Ø.35Ø50.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

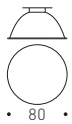
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 712-713).

IP20 | IOS | 850° | g 3097

**2x38 W** — **4000 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | 0.GB0KK | without optics | HQ | 3578 | 3000 | >90 | 28 |
| | | | WW | 4329 | 3000 | >80 | |
| | | | NN | 4480 | 4000 | >80 | |
| possible configuration | | | 0.GB0KK. HQ 28 | | | | |




| optics reference IOS LL7 | ▲ |
|---|---|
| Ø.35169.ØØ | 14° |
| Ø.35170.ØØ | 21° |
| Ø.35171.ØØ | 30° |
| Ø.35172.ØØ | 36° |
| Ø.35173.ØØ | 40° |
| Ø.35174.ØØ | 69° |
| Ø.35175.ØØ | Mira |

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

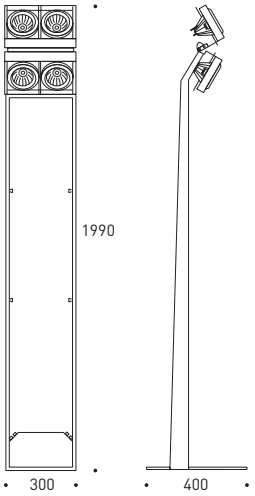
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 714).

## Surface-mounted lighting system with 2 optical compartments (adjustable via universal joint), LEDs and control gear technology





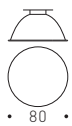



IP20 | IOS | 850° | g 15000

IP20 | IOS | 850° | g 15000

**4x13 W** — **1500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | 0.0F4TK | without optics | HQ | 1221 | 3000 | >90 | 28 |
| | | | WW | 1500 | 3000 | >80 | |
| | | | NN | 1661 | 4000 | >80 | |
| possible configuration | | | 0.0F4TK. HQ 28 | | | | |




| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø50.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |

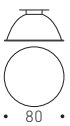
In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 704-705).

**4x22 W** — **2500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | 0.0F4WK | without optics | HQ | 2038 | 3000 | >90 | 28 |
| | | | WW | 2650 | 3000 | >80 | |
| | | | NN | 2759 | 4000 | >80 | |
| possible configuration | | | 0.0F4WK. HQ 28 | | | | |



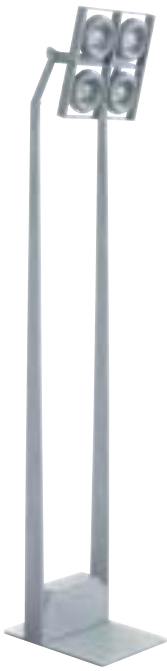

| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø50.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

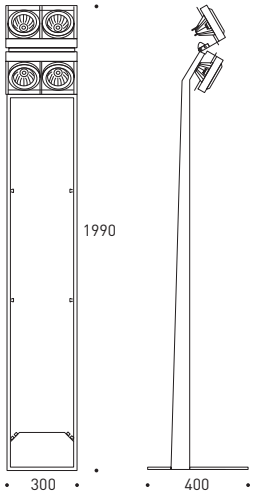
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 708-709).

## Surface-mounted lighting system with 2 optical compartments (adjustable via universal joint), LEDs and control gear technology







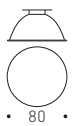

IP20 | IOS | 850° | g 15000

IP20 | IOS | 850° | g 15000

**4x30 W** — **3500 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | 0.0F4ZK | without optics | HQ | 2944 | 3000 | >90 | 28 |
| | | | WW | 3617 | 3000 | >80 | |
| | | | NN | 3798 | 4000 | >80 | |
| possible configuration | | | 0.0F4ZK. HQ 28 | | | | |

| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |




In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

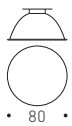
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 712-713).

**4x38 W** — **4000 lm**

| LED | luminaire reference | optics | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|
| | 0.0F4XK | without optics | HQ | 3578 | 3000 | >90 | 28 |
| | | | WW | 4329 | 3000 | >80 | |
| | | | NN | 4480 | 4000 | >80 | |
| possible configuration | | | 0.0F4XK. HQ 28 | | | | |

| optics reference IOS LL7 | |
|---|---|
| Ø.35169.ØØ | 14° |
| Ø.35170.ØØ | 21° |
| Ø.35171.ØØ | 30° |
| Ø.35172.ØØ | 36° |
| Ø.35173.ØØ | 40° |
| Ø.35174.ØØ | 69° |
| Ø.35175.ØØ | Mira |



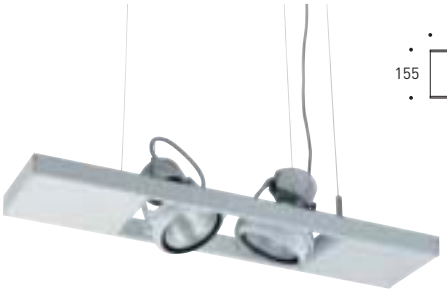

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

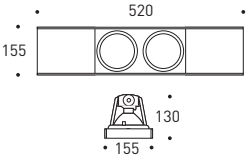
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Photometric data (pg. 714).

## Pendant lighting system with 2 or 4 optical compartments (adjustable via universal joint), IOS optics and control gear technology for metal halide lamps

28






IP20 | IOS | 850° | g 5115

| MH IOS | MT G12 | optical compartment reference | finish reference |
|---|---|---|---|
| 2x20 W | | Ø.S8640.ØØ | 28 |
| 2x35 W | | Ø.S5218.ØØ | 28 |
| 2x70 W | | Ø.S5219.ØØ | 28 |

optics IOS MH3

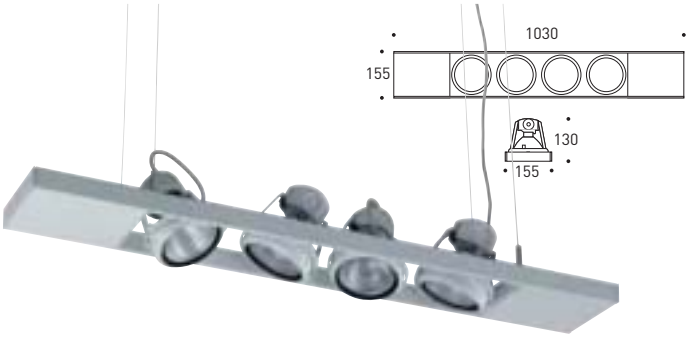



| | |
|---|---|
| Ø.113Ø5.ØØ | 12° - 14° |
| Ø.113Ø6.ØØ | 24° - 22° - 24° |
| Ø.113Ø7.ØØ | 74° - 78° |
| Ø.113Ø8.ØØ | Mira |

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire reference and the LL2 IOS or IOS optics reference must be indicated.

Photometric data (pg. 768).






IP20 | IOS | 850° | g 6225

| MH IOS | MT G12 | optical compartment reference | finish reference |
|---|---|---|---|
| 4x20 W | | Ø.S8300.ØØ | 28 |
| 4x35 W | | Ø.S5220.ØØ | 28 |
| 4x70 W | | Ø.S5221.ØØ | 28 |

optics IOS MH3




| | |
|---|---|
| Ø.113Ø5.ØØ | 12° - 14° |
| Ø.113Ø6.ØØ | 24° - 22° - 24° |
| Ø.113Ø7.ØØ | 74° - 78° |
| Ø.113Ø8.ØØ | Mira |

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire reference and the LL2 IOS or IOS optics reference must be indicated.

Photometric data (pg. 768).

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## Pendant lighting system with 6 optical compartments (adjustable via universal joint), IOS optics and control gear technology for metal halide lamps









IP20 | IOS | 850° | g 8430

| MH IOS | MT G12 | optical compartment reference | finish reference |
|---|---|---|---|
| 6x20 W | | Ø.S8301.ØØ | 28 |
| 6x35 W | | Ø.S5222.ØØ | 28 |
| 6x70 W | | Ø.S5223.ØØ | 28 |

+

| optics IOS MH3 | |
|---|---|
| Ø.113Ø5.ØØ | 12° - 14° |
| Ø.113Ø6.ØØ | 24° - 22° - 24° |
| Ø.113Ø7.ØØ | 74° - 78° |
| Ø.113Ø8.ØØ | Mira |



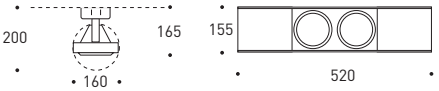

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire reference and the LL2 IOS or IOS optics reference must be indicated.

Photometric data (pg. 768).

## Pendant lighting system with 2 or 4 optical compartments (adjustable via universal joint), IOS optics and control gear technology for metal halide lamps






IP20 | IOS | 850° | g 5462

| MH IOS | CDM-TC G8.5 | optical compartment reference | finish reference |
|---|---|---|---|
| | 2x20 W | Ø.S8643.ØØ | 28 |
| | 2x35 W | Ø.S8644.ØØ | 28 |
| | 2x70 W | Ø.S8645.ØØ | 28 |

\+

| | optics IOS MH2 | ▲ |
|---|---|---|
| ø80 | Ø.113ØØ.ØØ | 14° |
| | Ø.113Ø1.ØØ | 34° |
| | Ø.113Ø2.ØØ | 56° |
| | Ø.113Ø3.ØØ | Mira |

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

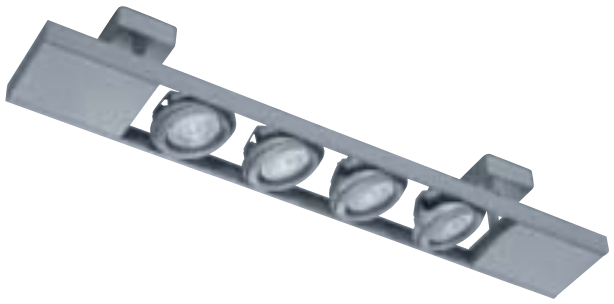
When ordering, the luminaire reference and the LL2 IOS or IOS optics reference must be indicated.

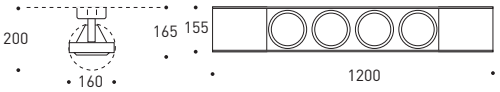
Photometric data (pg. 768).

Photometric data (pg. 768).

## Pendant lighting system with 2 or 4 optical compartments (adjustable via universal joint), IOS optics and control gear technology for metal halide lamps








IP20 | IOS | 850° | g 6854

| MH IOS | CDM-TC G8.5 | codice vano ottico | codice finitura |
|---|---|---|---|
| 4x20 W | | Ø.S8646.ØØ | 28 |
| 4x35 W | | Ø.S8647.ØØ | 28 |
| 4x70 W | | Ø.S8648.ØØ | 28 |

+

| | ottica IOS MH2 | ▲ |
|---|---|---|
| ø80 | Ø.113ØØ.ØØ | 14° |
| | Ø.113Ø1.ØØ | 34° |
| | Ø.113Ø2.ØØ | 56° |
| | Ø.113Ø3.ØØ | Mira |

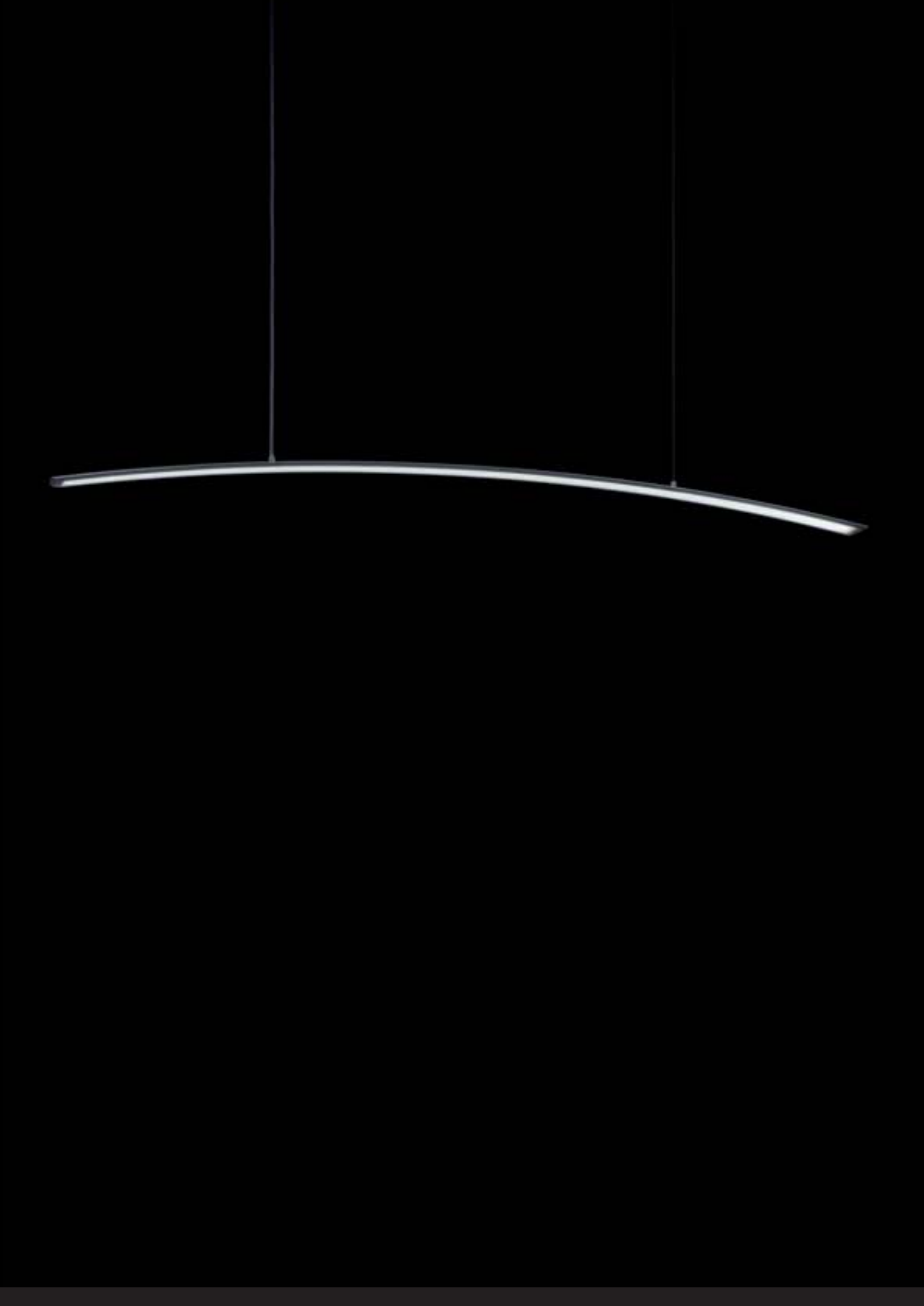
Per realizzare la configurazione illuminotecnica desiderata, l'apparecchio viene fornito privo di ottiche intercambiali.

In fase d'ordine si dovrà indicare il codice dell'apparecchio e il codice delle ottiche IOS desiderate.

Photometric data (pg. 768).

# Pendants


| | |
|---|---|
| Spectra | 598 |
| Lorosae B&S | 602 |
| Maantis | 608 |
| Fivespot | 614 |

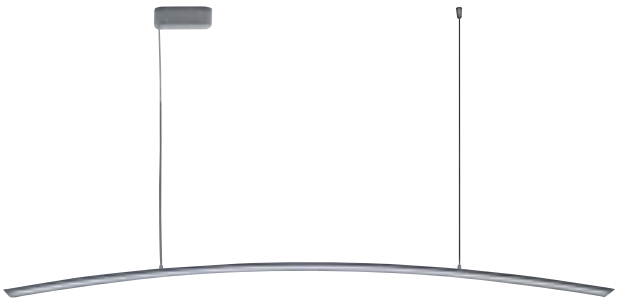


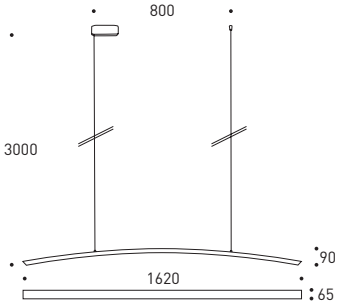
# SPECTRA

## pendant

design by: **D'Alessio & Santoro**

# Pendant with direct light distribution






IP40 | 850° | g 3058

48 W

| LED | product reference | lumen reference | | | finish reference |
|---|---|---|---|---|---|
| | | nom. lm | K | CRI | |
| | **Ø.25ØØØ** | 2957 | 4000 | >85 | 28 |
| | possible configuration | Ø.**25ØØØ**.ØØ 28 | | | |



Watch boutique - Rome



# LOROSAE

pendant

design by: **Álvaro Siza**

# B&S

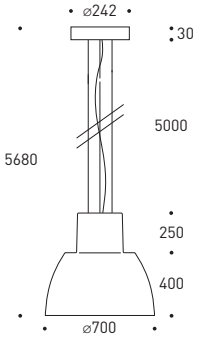
pendant

design by: **Brombini & Saccardo**

## Pendant with built-in control gear technology for halogen lamps, incandescent lamps, single-ended metal halide lamps and compact fluorescent lamps

10 74 75






IP20 | 850° | g 8229

### METHACRYLATE DIFFUSER

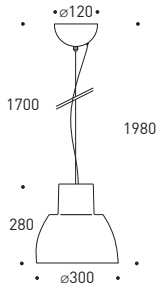
1x150W

| MH | HIE (E27) | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø299Ø**.ØØ | 116° | 10 | |
| | | 74 | |
| | | 75 | |

1x60W

| HALO | QT-32 (E27) | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø2987**.ØØ | 54° | 10 | |
| | | 74 | |
| | | 75 | |
| possible configuration | Ø.Ø299Ø.ØØ 10 | | |






IP20 | 850° | g 1074

### METHACRYLATE DIFFUSER

1x100W

| INCA | HSGS-GLS (E27) | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø2992**.ØØ | 98° | 10 | |
| | | 74 | |
| | | 75 | |
| | | 77 | |
| | | 84 | |

### BLOWN GLASS DIFFUSER

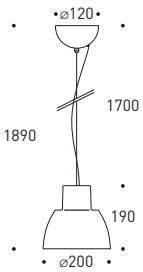
| | | |
|---|---|---|
| Ø.**Ø2982**.ØØ | 98° | 10 |
| possible configuration | Ø.Ø2992.ØØ 10 | |

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## Pendant with built-in control gear technology for halogen lamps, incandescent lamps, single-ended metal halide lamps and compact fluorescent lamps

10 74 75 77 84






IP20 | 850° | g 581

### METHACRYLATE DIFFUSER

1x100W

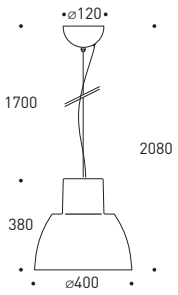
| INCA | HSGS-GLS (E27) | beam width | finish reference |
|---|---|---|---|
| | | ▲ | |
| | Ø.Ø2991.ØØ | 96° | 10 |
| | | | 74 |
| | | | 75 |
| | | | 77 |
| | | | 84 |

### BLOWN GLASS DIFFUSER

| | | |
|---|---|---|
| Ø.Ø2981.ØØ | 96° | 10 |

possible configuration: Ø.Ø2991.ØØ 10






IP20 | 850° | g 2294

### METHACRYLATE DIFFUSER

1x70W

| MH | HIE (E27) | beam width | finish reference |
|---|---|---|---|
| | | ▲ | |
| | Ø.Ø2989.ØØ | 100° | 10 |
| | | | 74 |
| | | | 75 |
| | | | 77 |
| | | | 84 |

### BLOWN GLASS DIFFUSER

| | | |
|---|---|---|
| Ø.Ø2986.ØØ | 100° | 10 |

### METHACRYLATE DIFFUSER

1x100W

| INCA | HSGS-GLS (E27) | beam width | finish reference |
|---|---|---|---|
| | | ▲ | |
| | Ø.Ø2993.ØØ | 98° | 10 |
| | | | 74 |
| | | | 75 |
| | | | 77 |
| | | | 84 |

### BLOWN GLASS DIFFUSER

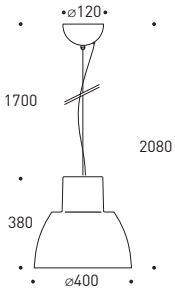
| | | |
|---|---|---|
| Ø.Ø2983.ØØ | 98° | 10 |

possible configuration: Ø.Ø2989.ØØ 10

## Pendant with built-in control gear technology for compact fluorescent lamps

10 74 75 77 84






IP20 | 850° | g 1980

### METHACRYLATE DIFFUSER

1x26/32W

| FLU | TC-TE (GX24q-3) | beam width | finish reference |
|---|---|---|---|
| | Ø.Ø2994.ØØ | 108°/114° | 10 |
| | | | 74 |
| | | | 75 |
| | | | 77 |
| | | | 84 |

### BLOWN GLASS DIFFUSER

| | | | |
|---|---|---|---|
| | Ø.Ø2984.ØØ | 108°/114° | 10 |

### METHACRYLATE DIFFUSER

1x57W

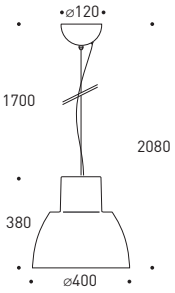
| FLU | TC-TE (GX24q-4) | beam width | finish reference |
|---|---|---|---|
| | Ø.Ø2969.ØØ | / | 10 |
| | | | 74 |
| | | | 75 |
| | | | 77 |
| | | | 84 |

### BLOWN GLASS DIFFUSER

| | | | |
|---|---|---|---|
| | Ø.Ø2968.ØØ | / | 10 |

| possible configuration | Ø.Ø2994.ØØ 10 |
|---|---|






IP20 | 850° | g 1980

### METHACRYLATE DIFFUSER

1x42W

| FLU | TC-TE (GX24q-3) | beam width | finish reference |
|---|---|---|---|
| | Ø.Ø2988.ØØ | 114° | 10 |
| | | | 74 |
| | | | 75 |
| | | | 77 |
| | | | 84 |

### BLOWN GLASS DIFFUSER

| | | | |
|---|---|---|---|
| | Ø.Ø2985.ØØ | 114° | 10 |

### METHACRYLATE DIFFUSER

1x42W

| FLU | TC-TE (GX24q-4) | beam width | finish reference |
|---|---|---|---|
| | dimmable version 1-10V d.c. | | |
| | Ø.Ø2979.ØØ | 114° | 10 |
| | | | 74 |
| | | | 75 |
| | | | 77 |
| | | | 84 |

### BLOWN GLASS DIFFUSER

| | | | |
|---|---|---|---|
| | Ø.Ø298Ø.ØØ | 114° | 10 |

| possible configuration | Ø.Ø2988.ØØ 10 |
|---|---|

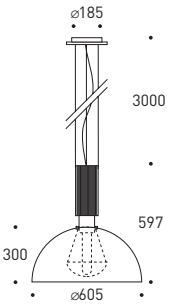
REGGIANI

## IP55 pendant with built-in control gear technology for metal halide lamps and single-ended sodium vapour lamps

28

The finish reference only determines the color of the extruded aluminium body; the refl ector or the diffuser is always white





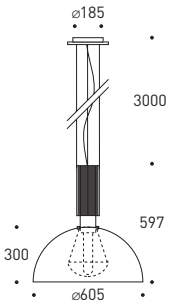

IP55 | 850° | g 6316

### REFLECTOR MADE FROM WHITE LACQUERED ALUMINIUM

1x100W

| MH | ST (E40) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø291Ø**.EV | | 64° | 28 |
| **DIFFUSER MADE FROM OPAL WHITE METHACRYLATE** | | | |
| Ø.**Ø2933**.EV | | 72° | 28 |
| possible configuration | | Ø.Ø291Ø.EV 28 | |






IP55 | 850° | g 6316

### REFLECTOR MADE FROM WHITE LACQUERED ALUMINIUM

1x150W

| MH | ST MT (E40) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø2911**.EV | | 66° | 28 |
| **DIFFUSER MADE FROM OPAL WHITE METHACRYLATE** | | | |
| Ø.**Ø2934**.EV | | 74° | 28 |

### REFLECTOR MADE FROM WHITE LACQUERED ALUMINIUM

1x250W

| MH | ST MT (E40) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø2912**.EV | | 64° | 28 |
| **DIFFUSER MADE FROM OPAL WHITE METHACRYLATE** | | | |
| Ø.**Ø2935**.EV | | 78° | 28 |
| possible configuration | | Ø.Ø2911.EV 28 | |



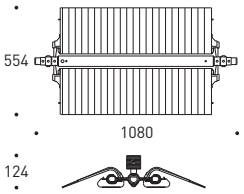
# MAANTIS

## pendant

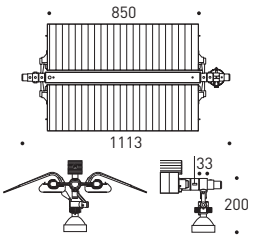
design by: **Rogers Stirk Harbour + Partners**

## Pendant with direct and indirect light distribution








IP20 | 850° | g 10156

**SHORT**

| | 2x21/2x39W | |
|---|---|---|
| | | provision for DALI |
| | T5 (FH-FQ) | RGB LED circuit |
| Ø.2Ø8ØØ.ØØ | O | |
| Ø.2Ø853.ØØ | O | O |
| possible configuration | | Ø.2Ø8ØØ.ØØ |

IP20 | IOS | 850° | g 10518

**SHORT + 1 ADJUSTABLE PROJECTOR**

| | 2x21/2x39W | | | 1x35W | 1x65W |
|---|---|---|---|---|---|
| | | provision for DALI | IOS MH2 optics | | |
| | T5 (FH-FQ) | RGB LED circuit | | CDM-TC (G8.5) | QR-111 (G53) |
| Ø.2Ø8Ø1.ØØ | O | | | | O |
| Ø.2Ø854.ØØ | O | O | | | O |
| Ø.2Ø8Ø2.ØØ | O | | O | O | |
| Ø.2Ø855.ØØ | O | O | O | O | |
| possible configuration | | | | Ø.2Ø8Ø1.ØØ | |

DALI

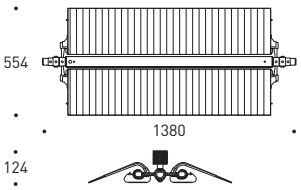
Accessories (pg. 613).

MH IOS MH2 | DALI

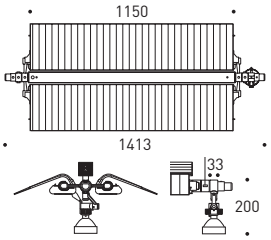
Accessories (pg. 613).
Photometric data (pg. 767).

## Pendant with direct and indirect light distribution








IP20 | 850° | g 12909

**MEDIUM**

| | 2x28/2x54W | |
|---|---|---|
| | | provision for DALI |
| | T5 (FH-FQ) | RGB LED circuit |
| Ø.211ØØ.ØØ | O | |
| Ø.2116Ø.ØØ | O | O |
| possible configuration | | Ø.211ØØ.ØØ |

IP20 | IOS | 850° | g 13295

**MEDIUM + 1 ADJUSTABLE PROJECTOR**

| | 2x28/2x54W | | | 1x35W | 1x65W |
|---|---|---|---|---|---|
| | | provision for DALI | IOS MH2 optics | | |
| | T5 (FH-FQ) | RGB LED circuit | | CDM-TC (G8.5) | QR-111 (G53) |
| Ø.211Ø1.ØØ | O | | | | O |
| Ø.2116Ø.ØØ | O | O | | | O |
| Ø.211Ø3.ØØ | O | | O | O | |
| Ø.2116Ø.ØØ | O | O | O | O | |
| possible configuration | | | | Ø.211Ø1.ØØ | |

DALI

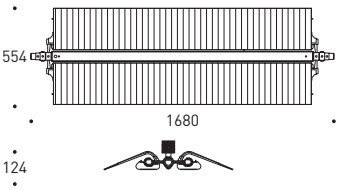
Accessories (pg. 613).

MH IOS MH2 | DALI

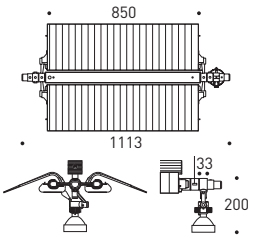
Accessories (pg. 613).
Photometric data (pg. 767).

## Pendant with direct and indirect light distribution








IP20 | 850° | g 14960

### LONG

| | 2x35/2x49W | |
|---|---|---|
| |  | provision for DALI |
| | T5 (FH-FQ) | RGB LED circuit |
| Ø.214ØØ.ØØ | O | |
| Ø.2146Ø.ØØ | O | O |
| possible configuration | | Ø.214ØØ.ØØ |

| | 2x80W | |
|---|---|---|
| |  | provision for DALI |
| | T5 (FH-FQ) | RGB LED circuit |
| Ø.21550.ØØ | O | |
| Ø.216Ø9.ØØ | O | O |
| possible configuration | | Ø.21550.ØØ |

IP20 | IOS | 850° | g 15376

### LONG + 1 ADJUSTABLE PROJECTOR

| | 2x35/2x49W | | | 1x35W 1x70W | 1x65W |
|---|---|---|---|---|---|
| |  | provision for DALI | IOS MH2 optics |  |  |
| | T5 (FH-FQ) | RGB LED circuit | | CDM-TC (G8.5) | QR-111 (G53) |
| Ø.214Ø1.ØØ | O | | | | O |
| Ø.21461.ØØ | O | O | | | O |
| Ø.214Ø3.ØØ | O | | O | O | |
| Ø.21463.ØØ | O | O | O | O | |
| possible configuration | | | | | Ø.214Ø1.ØØ |

| | 2x80W | | | 1x35W 1x70W | 1x65W |
|---|---|---|---|---|---|
| |  | provision for DALI | IOS MH2 optics |  |  |
| | T5 (FH-FQ) | RGB LED circuit | | CDM-TC (G8.5) | QR-111 (G53) |
| Ø.21551.ØØ | O | | | | O |
| Ø.2161Ø.ØØ | O | O | | | O |
| Ø.21553.ØØ | O | | O | O | |
| Ø.21612.ØØ | O | O | O | O | |
| possible configuration | | | | | Ø.21551.ØØ |

DALI

Accessories (pg. 613).

MH IOS MH2 | DALI

Accessories (pg. 613).
Photometric data (pg. 767).

# Accessories

| MAANTIS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 00 |
| | | | | 34° | Ø.**1131**.ØØ | |
| | | | | 56°/58° | Ø.**1132**.ØØ | |
| | | | | Mira* | Ø.**1133**.ØØ | |
| possible configuration | | | | | Ø.113ØØ.ØØ | 10 |

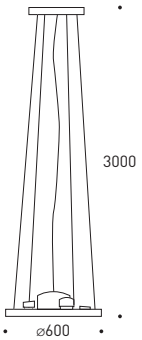
| MAANTIS | | details | IOS | reference | finish reference |
|---|---|---|---|---|---|
| |  | mechanical/ electrical connector for in-line connection of up to 6 Maantis | | Ø.**21649**.ØØ | 00 |
| DALI |  | mechanical/ electrical connector with DALI bus for in-line connection of up to 6 Maantis | | Ø.**21650**.ØØ | 00 |
| |  | device for programming the presence sensor with photocell | | Ø.**21656**.ØØ | 00 |
| |  | anti-glare attachment for QR111 lamp | | Ø.**21663**.ØØ | 21 |
| possible configuration | | | | Ø.21649.ØØ | 10 |



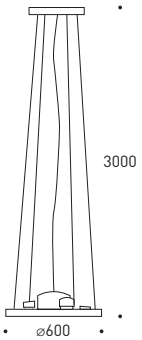
# FIVESPOT
## pendant

## Pendant lighting system with 5 optical compartments (adjustable via universal joint), LED and control gear technology







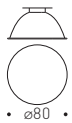




IP20 | IOS | 850° | g 37225

**5x22 W** — **2500 lm**

| LED | luminaire reference | optics | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|
| | | | | nom. lm | K | CRI | |
| | **Ø.ØF5YK** | without optics | HQ | 2038 | 3000 | >90 | 28 |
| | | | WW | 2650 | 3000 | >80 | |
| | | | NN | 2759 | 4000 | >80 | |
| possible configuration | | | **Ø.ØF5YK.** HQ 12 | | | | |

| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |




In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire reference and the LL2 IOS or IOS optics reference must be indicated.

LED IOS LL2

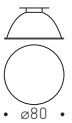
Accessories (pg. 618).
Photometric data (pg. 708-709).

IP20 | IOS | 850° | g 37225

**5x30 W** — **2500 lm**

| LED | luminaire reference | optics | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|
| | | | | nom. lm | K | CRI | |
| | **Ø.ØF5XK** | without optics | HQ | 2944 | 3000 | >90 | 28 |
| | | | WW | 3617 | 3000 | >80 | |
| | | | NN | 3798 | 4000 | >80 | |
| possible configuration | | | **Ø.ØF5XK.** HQ 12 | | | | |

| optics reference IOS LL2 | |
|---|---|
| Ø.35Ø5Ø.ØØ | 11° |
| Ø.35Ø49.ØØ | 15° |
| Ø.35Ø51.ØØ | 21° |
| Ø.35Ø52.ØØ | 29° |
| Ø.35Ø53.ØØ | 51° |
| Ø.35Ø54.ØØ | Mira |




In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

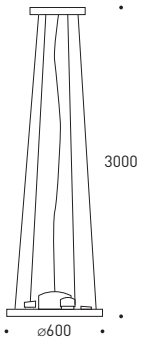
When ordering, the luminaire reference and the LL2 IOS or IOS optics reference must be indicated.

LED IOS LL2

Accessories (pg. 618).
Photometric data (pg. 712-713).

## Pendant lighting system with 5 optical compartments (adjustable via universal joint), IOS optics and control gear technology for metal halide lamps






IP20 | IOS | 850° | g 37000

| MH IOS | MT G12 | optical compartment reference | finish reference |
|---|---|---|---|
| | 5x20 W | Ø.S8638.ØØ | 28 |
| | 5x35 W | Ø.S7392.ØØ | |
| | 5x70 W | Ø.S8639.ØØ | |

| IOS MH3 optics | |
|---|---|
| Ø.113Ø5.ØØ | 12° - 14° |
| Ø.113Ø6.ØØ | 24° - 22° - 24° |
| Ø.113Ø7.ØØ | 74° - 78° |
| Ø.113Ø8.ØØ | Mira |



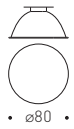

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire reference and the IOS optics reference must be indicated.

MH IOS MH3

Accessories (pg. 618).
Photometric data (pg. 768).

## Accessories
LED

| FIVESPOT | | details | IOS | ▲ | reference | finish reference |
|---|---|---|---|---|---|---|
| LED<br>IOS<br>LL2 |  | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.35Ø5Ø.ØØ | 00 |
| | | | B | 15° | Ø.35Ø49.ØØ | |
| | | | C | 21° | Ø.35Ø51.ØØ | |
| | | | D | 29° | Ø.35Ø52.ØØ | |
| | | | E | 51° | Ø.35Ø53.ØØ | |
| | | | F | Mira* | Ø.35Ø54.ØØ | |
| | | | H | W. W. | Ø.35Ø59.ØØ | |

* elliptical beam

| possible configuration | Ø.35Ø5Ø.ØØ 00 |
|---|---|

## Accessories
metal halide lamps

| FIVESPOT | | details | IOS | ▲ | reference | finish reference |
|---|---|---|---|---|---|---|
| MH<br>IOS<br>MH3 |  | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH3 | 12°/14° | Ø.113Ø5.ØØ | 00 |
| | | | | 24°/22° | Ø.113Ø6.ØØ | |
| | | | | 74°/78° | Ø.113Ø7.ØØ | |
| | | | | Mira* | Ø.113Ø8.ØØ | |

* elliptical beam

| possible configuration | Ø.113Ø5.ØØ 00 |
|---|---|



# Exterior luminaires


| | |
|---|---|
| Envios | 622 |
| Lindro | 630 |
| Cyl light | 638 |
| Hillock / IP55 | 644 |
| Argiak | 650 |
| Multispot | 654 |
| Narancia | 660 |
| Zagara / United | 666 |
| Rios plus / Rios | 672 |
| Metamorphosi | 680 |
| Ofu | 690 |


REGGIANI

# ENVIOS

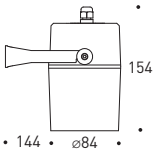
## exterior projector

design by: **L.A.P.D**

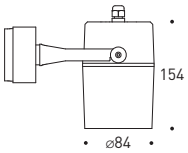
## Fixed and adjustable exterior projector








IP66 | IOS | 850° | 90° | -90° | g 900 | IK 05

**2 W — 197 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | nom. lm | K | CRI | |
| Ø | | FB8Ø | 1 | 15° | WW | 180 | 3000 | >85 | 26 |
| | | | 2 | 29° | NN | 197 | 4000 | >85 | 27 |
| | | | 3 | 47° | | | | | 28 |

| possible configuration | Ø . FB8Ø 1 . WW 26 |
|---|---|

**7 W — 860 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | nom. lm | K | CRI | |
| Ø | | FB81 | 1 | 15° | HQ | 650 | 3000 | >90 | 26 |
| | | | 2 | 29° | WW | 810 | 3000 | >80 | 27 |
| | | | 3 | 47° | NN | 860 | 4000 | >80 | 28 |

| possible configuration | Ø . FB81 1 . HQ 26 |
|---|---|



Accessories (pg. 627).
Photometric data (pg. 700-701).

IP66 | IOS | 850° | 90° | -90° | g 1000 | IK 05

**2 W — 197 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | nom. lm | K | CRI | |
| Ø | | GB8Ø | 1 | 15° | WW | 180 | 3000 | >85 | 26 |
| | | | 2 | 29° | NN | 197 | 4000 | >85 | 27 |
| | | | 3 | 47° | | | | | 28 |

| possible configuration | Ø . GB8Ø 1 . WW 26 |
|---|---|

**7 W — 860 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL1 | | | nom. lm | K | CRI | |
| Ø | | GB81 | 1 | 15° | HQ | 650 | 3000 | >90 | 26 |
| | | | 2 | 29° | WW | 810 | 3000 | >80 | 27 |
| | | | 3 | 47° | NN | 860 | 4000 | >80 | 28 |

| possible configuration | Ø . GB81 1 . HQ 26 |
|---|---|



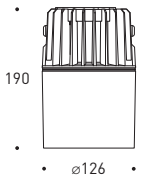
Accessories (pg. 627).
Photometric data (pg. 700-701).

REGGIANI

## Fixed exterior projector






IP66 | IOS | 850° | g 2000 | IK 08

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference IOS LL2 | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | Ø | HB83 | A | 11° | HQ | 1221 | 3000 | >90 | 26 |
| | V | | B | 15° | WW | 1500 | 3000 | >80 | 27 |
| | D | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | T | | D | 29° | | | | | |
| | | | E | 51° | | | | | |

possible configuration: Ø . HB83 A . HQ 26

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference IOS LL2 | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | Ø | HB87 | A | 11° | HQ | 2944 | 3000 | >90 | 26 |
| | V | | B | 15° | WW | 3617 | 3000 | >80 | 27 |
| | D | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |

possible configuration: Ø . HB87 A . HQ 26

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference IOS LL2 | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | Ø | HB85 | A | 11° | HQ | 2038 | 3000 | >90 | 26 |
| | V | | B | 15° | WW | 2650 | 3000 | >80 | 27 |
| | D | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |

possible configuration: Ø . HB85 A . HQ 26

**38 W** — **4000 lm**

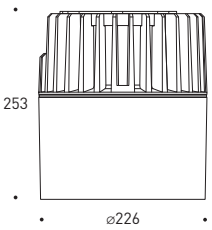
| LED | driver reference | product reference | optics reference IOS LL7 | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | Ø | HB88 | A | 11° | HQ | 3578 | 3000 | >90 | 26 |
| | V | | B | 15° | WW | 4329 | 3000 | >80 | 27 |
| | | | C | 21° | NN | 4480 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |

possible configuration: Ø . HB88 A . HQ 26

Accessories (pg. 627).
Photometric data (pg. 704-705 / 708-709 / 712-713).

## Fixed exterior projector






IP66 | IOS | 850° | g 5950 | IK 09

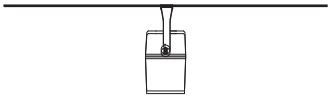
**4x13 W** — **6640 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL4 | ▲ | | | | | |
| | Ø | LB8T | J | 21° | HQ | 4480 | 3000 | >90 | 26 |
| | | | V | 25° | WW | 6000 | 3000 | >80 | 27 |
| | V | | W | 34° | NN | 6640 | 4000 | >80 | 28 |
| | | | X | 45° | | | | | |
| | | | Y | 71° | | | | | |

| possible configuration | Ø . LB8T J . HQ 26 |
|---|---|

Accessories (pg. 628).
Photometric data (pg. 732).

## Accessories



| ENVIOS MINI | details | reference | finish reference |
|---|---|---|---|
|  | connecting system for projector with extended arm | Ø.3Ø8ØØ.ØØ | 26<br>27<br>28 |
|  | kit for installation of projector on branches and piers Min. dia. 60 mm, max. dia. 100 mm | Ø.3Ø795.ØØ | 00 |
|  | cable-mounting connecting system | Ø.3Ø8Ø1.ØØ | 26<br>27<br>28 |
|  | earth spike for in-ground installation | Ø.3Ø796.ØØ | 00 |
|  | surface-mounted stand | Ø.3Ø797.ØØ | 26<br>27<br>28 |
|  | in-ground mounted stand | Ø.3Ø798.ØØ | 26<br>27<br>28 |
|  | anti-glare louvre | Ø.3Ø739.ØØ | 21 |
|  | anti-glare | Ø.3Ø73Ø.ØØ | 21 |

| possible configuration | Ø.3Ø8ØØ.ØØ 26 |
|---|---|

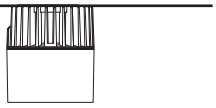
## Accessories



| ENVIOS MEDIO | details | reference | finish reference |
|---|---|---|---|
|  | adjustable bracket for wall mounting 0-90° | Ø.3Ø793.ØØ | 26<br>27<br>28 |
|  | rigid bracket for wall mounting | Ø.3Ø791.ØØ | 26<br>27<br>28 |
|  | connecting device for cable attachment | Ø.3Ø725.ØØ | 00 |
|  | earth spike for in-ground installation | Ø.3Ø796.ØØ | 00 |
|  | connecting system for attachment of one projector to pole (diameter of 60 mm to 120 mm) | Ø.3Ø734.ØØ | 26<br>27<br>28 |
|  | connecting system for attachment of two projectors to pole (diameter of 60 mm to 120 mm). | Ø.3Ø737.ØØ | 26<br>27<br>28 |
|  | anti-glare louvre | Ø.3Ø741.ØØ | 21 |
|  | anti-glare | Ø.3Ø731.ØØ | 21 |

| possible configuration | Ø.3Ø793.ØØ 26 |
|---|---|

## Accessories



| **ENVIOS GRANDE** | details | reference | finish reference |
|---|---|---|---|
|  | adjustable bracket for wall mounting 0-90° | Ø.3Ø794.ØØ | 26<br>27<br>28 |
|  | rigid bracket for wall mounting | Ø.3Ø792.ØØ | 26<br>27<br>28 |
|  | connecting system for attachment of one projector to pole (diameter of 60 mm to 120 mm) | Ø.3Ø735.ØØ | 26<br>27<br>28 |
|  | connecting system for attachment of two projectors to pole (diameter of 60 mm to 120 mm). | Ø.3Ø736.ØØ | 26<br>27<br>28 |
|  | anti-glare louvre | Ø.3Ø74Ø.ØØ | 21 |

| | |
|---|---|
| possible configuration | Ø.3Ø794.ØØ 00 |




Woolwich Squares - London, UK



# LINDRO

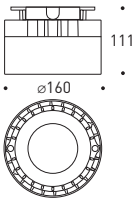
## projector

design by: **Fabio Reggiani**

## Fixed exterior projector






IP66 | IOS | 850° | IK 07 | g 2200

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | BB13 | A | 11° | HQ | 1221 | 3000 | >90 | 26 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 27 |
| | | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| possible configuration | | | | | Ø . BB13 A . HQ 26 | | | | |

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | BB17 | A | 11° | HQ | 2944 | 3000 | >90 | 26 |
| | | | B | 15° | WW | 3617 | 3000 | >80 | 27 |
| V | | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| possible configuration | | | | | Ø . BB17 A . HQ 26 | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | BB15 | A | 11° | HQ | 2038 | 3000 | >90 | 26 |
| | | | B | 15° | WW | 2650 | 3000 | >80 | 27 |
| V | | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| possible configuration | | | | | Ø . BB15 A . HQ 26 | | | | |

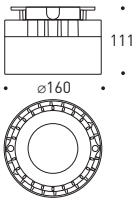
Accessories (pg. 637).
Photometric data (pg. 704-705 / 708-709 / 712-713).

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## Fixed exterior projector

26 27 28






IP66 IOS 850° IK 07 g 2200

38 W — 4000 lm

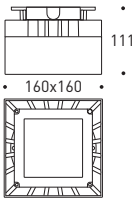
| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL7 | ▲ | | | | | |
| Ø | | BB18 | N | 14° | HQ | 3578 | 3000 | >90 | 26 |
| | | | P | 21° | WW | 4329 | 3000 | >80 | 27 |
| V | | | Q | 30° | NN | 4480 | 4000 | >80 | 28 |
| | | | R | 36° | | | | | |
| | | | S | 40° | | | | | |
| | | | T | 69° | | | | | |
| possible configuration | | | | | Ø . BB18 A . HQ 26 | | | | |

Accessories (pg. 637).
Photometric data (pg. 714).

## Fixed exterior projector






IP66 | IOS | 850° | IK 07 | g 2200

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | CB13 | A | 11° | HQ | 1221 | 3000 | >90 | 26 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 27 |
| | | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| possible configuration | | | | | Ø . CB13 A . HQ 26 | | | | |

**30 W** — **3500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | CB17 | A | 11° | HQ | 2944 | 3000 | >90 | 26 |
| | | | B | 15° | WW | 3617 | 3000 | >80 | 27 |
| V | | | C | 21° | NN | 3798 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| possible configuration | | | | | Ø . CB17 A . HQ 26 | | | | |

**22 W** — **2500 lm**

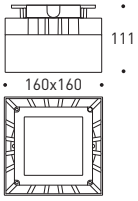
| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | | CB15 | A | 11° | HQ | 2038 | 3000 | >90 | 26 |
| | | | B | 15° | WW | 2650 | 3000 | >80 | 27 |
| V | | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| possible configuration | | | | | Ø . CB15 A . HQ 26 | | | | |

Accessories (pg. 637).
Photometric data (pg. 704-705 / 708-709 / 712-713).

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## Fixed exterior projector






IP66 | IOS | 850° | IK 07 | g 2200

**38 W** — **4000 lm**

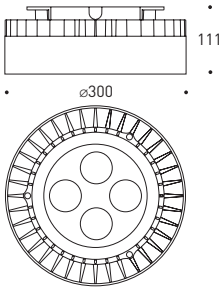
| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL7 | | | | | | |
| | Ø | CB18 | N | 14° | HQ | 3578 | 3000 | >90 | 26 |
| | | | P | 21° | WW | 4329 | 3000 | >80 | 27 |
| | V | | Q | 30° | NN | 4480 | 4000 | >80 | 28 |
| | | | R | 36° | | | | | |
| | | | S | 40° | | | | | |
| | | | T | 69° | | | | | |
| possible configuration | | | Ø . CB18 A . HQ 26 | | | | | | |

Accessories (pg. 637).
Photometric data (pg. 714).

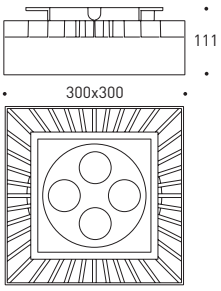
## Fixed exterior projector








IP66 | IOS | 850° | IK 07 | g 6500

IP66 | IOS | 850° | IK 07 | g 6500

**4x13 W** — **6640 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL4 | | | | | | |
| Ø | | DB1T | J | 21° | HQ | 4480 | 3000 | >90 | 26 |
| | | | V | 25° | WW | 6000 | 3000 | >80 | 27 |
| V | | | W | 34° | NN | 6640 | 4000 | >80 | 28 |
| | | | X | 45° | | | | | |
| | | | Y | 71° | | | | | |
| possible configuration | | | | | Ø . DB1T J . HQ 26 | | | | |

**4x13 W** — **6640 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL4 | | | | | | |
| Ø | | FB1T | J | 21° | HQ | 4480 | 3000 | >90 | 26 |
| | | | V | 25° | WW | 6000 | 3000 | >80 | 27 |
| V | | | W | 34° | NN | 6640 | 4000 | >80 | 28 |
| | | | X | 45° | | | | | |
| | | | Y | 71° | | | | | |
| possible configuration | | | | | Ø . FB1T J . HQ 26 | | | | |

**4x25 W** — **6640 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL4 | | | | | | |
| Ø | | DB1U | J | 21° | HQ | 9940 | 3000 | >90 | 26 |
| | | | V | 25° | WW | 12180 | 3000 | >80 | 27 |
| V | | | W | 34° | NN | 12820 | 4000 | >80 | 28 |
| | | | X | 45° | | | | | |
| | | | Y | 69° | | | | | |
| possible configuration | | | | | Ø . DB1U J . HQ 26 | | | | |

**4x25 W** — **6640 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL4 | | | | | | |
| Ø | | FB1U | J | 21° | HQ | 9940 | 3000 | >90 | 26 |
| | | | V | 25° | WW | 12180 | 3000 | >80 | 27 |
| V | | | W | 34° | NN | 12820 | 4000 | >80 | 28 |
| | | | X | 45° | | | | | |
| | | | Y | 69° | | | | | |
| possible configuration | | | | | Ø . FB1U J . HQ 26 | | | | |



Accessories (pg. 637).
Photometric data (pg. 732 / 733).



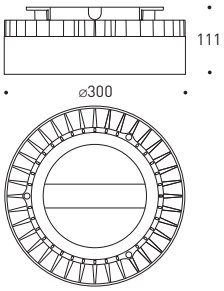
Accessories (pg. 637).
Photometric data (pg. 732 / 733).

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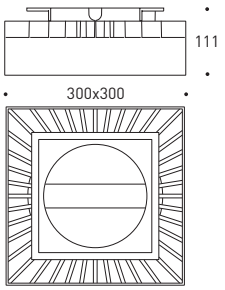
## Fixed exterior projector

26 27 28








ASYMMETRIC

2x13 W — 3000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL5 | | | lumen nominale | K | CRI | |
| | Ø | DB1R | 0 | α 44° β 89° | HQ | 2240 | 3000 | >90 | 26 |
| | | | | | WW | 3000 | 3000 | >80 | 27 |
| | V | | | | NN | 3320 | 4000 | >80 | 28 |

| possible configuration | Ø . FD1RØ 0 . HQ 10 |
|---|---|



Accessories (pg. 637).
Photometric data (pg. 734).

ASYMMETRIC

2x13 W — 3000 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL5 | | | lumen nominale | K | CRI | |
| | Ø | FB1R | 0 | α 44° β 89° | HQ | 2240 | 3000 | >90 | 26 |
| | | | | | WW | 3000 | 3000 | >80 | 27 |
| | V | | | | NN | 3320 | 4000 | >80 | 28 |

| possible configuration | Ø . FB1RØ 0 . HQ 10 |
|---|---|



Accessories (pg. 637).
Photometric data (pg. 734).

## Accessories
LED

| LINDRO | details | reference | finish reference |
|---|---|---|---|
|  | mobile bracket In AISI 316 stainless steel; for ceiling, wall or ground installation | Ø.35Ø3Ø.ØØ | 00 |

| possible configuration | Ø.35Ø3Ø.ØØ 00 |
|---|---|



# CYL LIGHT

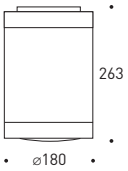
## fixed projector

design by: **Fabio Reggiani**

## Fixed projector for surface mounting

26 27 28

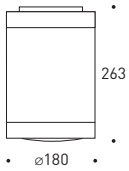





IP66 | IOS | 850° | g 1561

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** HF control gear | | | |
| Ø.**Ø5241**.ØØ | | 14° | 26 27 28 |
| Ø.**Ø5242**.ØØ | | 22° | |
| Ø.**Ø5243**.ØØ | | 50° | |
| **35 W** HPF control gear | | | |
| Ø.**Ø5246**.EV | | 14° | 26 27 28 |
| Ø.**Ø5247**.EV | | 22° | |
| Ø.**Ø5248**.EV | | 50° | |
| **70 W** HPF control gear | | | |
| Ø.**Ø5251**.EV | | 14° | 26 27 28 |
| Ø.**Ø5252**.EV | | 22° | |
| Ø.**Ø5253**.EV | | 50° | |
| **150 W** HPF control gear | | | |
| Ø.**Ø5256**.EV | | 14° | 26 27 28 |
| Ø.**Ø5257**.EV | | 22° | |
| Ø.**Ø5258**.EV | | 48° | |
| possible configuration | | Ø.Ø5241.ØØ 26 | |






IP66 | 850° | g 1279

**1x18W**

| FLU | TC-TE (GX24q-2) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø5260**.00 | | 96° | 26 27 28 |

**1x26W - 1x32W**

| FLU | TC-TE (GX24q-3) HF control gear | beam width | finish reference |
|---|---|---|---|
| € | | | |
| Ø.**Ø5261**.ØØ | | 104° / 110° | 26 27 28 |
| possible configuration | | Ø.Ø5260.ØØ 26 | |

MH IOS MH5

Accessories (pg. 643).
Photometric data (pg. 770-771).

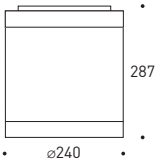
Accessories (pg. 643).

REGGIANI

## Fixed projector for surface mounting

26 27 28






IP67 850° g 2839

1x70W

| MH | CDM-T (G12) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø6Ø6Ø**.EV | | 100° | 26 |
| Ø.**Ø6Ø7Ø**.EV | | 26° | 27 |
| | | | 28 |

1x150W

| MH | CDM-T (G12) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø6Ø61**.EV | | 88° | 26 |
| Ø.**Ø6Ø71**.EV | | 30° | 27 |
| | | | 28 |

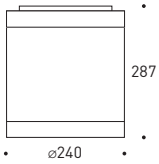
2x26W

| FLU | TC-D (G24d-3) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø6Ø85**.EV | | 100° | 26 |
| | | | 27 |
| | | | 28 |
| possible configuration | | Ø.Ø6Ø6Ø.EV 26 | |

FILTER

Accessories (pg. 643).






IP67 850° g 2839

1x70W

| MH | HIT-DE (RX7s) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø6Ø8Ø**.EV | | asymmetric | 26 |
| | | | 27 |
| | | | 28 |

1x150W

| MH | HIT-DE (RX7s) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø6Ø81**.EV | | asymmetric | 26 |
| | | | 27 |
| | | | 28 |

1x26W

| FLU | TC-D (G24d-3) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø6Ø83**.EV | | asymmetric | 26 |
| | | | 27 |
| | | | 28 |
| possible configuration | | Ø.Ø6Ø8Ø.EV 26 | |

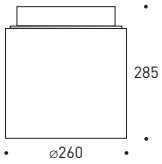
FILTER

Accessories (pg. 643).

## Fixed projector for surface mounting





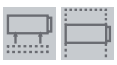

IP55 | 850° | g 2839

**1x70W**

| MH | HIT-DE (RX7s) HPF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø76Ø5.**EV | 82° | 26<br>27<br>28 |

**1x150W**

| MH | HIT-DE (RX7s) HPF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø76Ø6.**EV | 88° | 26<br>27<br>28 |
| | possible configuration | Ø.Ø76Ø5.EV 26 | |



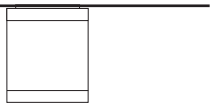
Accessories (pg. 643).

## Accessories
metal halide lamps
compact fluorescent lamps

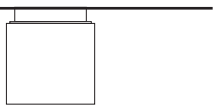


| CYL LIGHT SLIM ø 180 | details | IOS MH5 | | reference | finish reference |
|---|---|---|---|---|---|
| MH IOS MH5  ø130 | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH5 | 14° | Ø.**1125Ø**.ØØ | 00 |
| | | | 22° | Ø.**11251**.ØØ | |
| | | | 48°/50° | Ø.**11252**.ØØ | |
| | honeycomb anti-glare louvre | | | Ø.**Ø527Ø**.ØØ | 21 |
| possible configuration | | | | Ø.11350.ØØ | 00 |

## Accessories
metal halide lamps
compact fluorescent lamps



| CYL LIGHT ø 240 | details | reference | finish ref. |
|---|---|---|---|
| | round mounting bracket for 1 or 2 luminaires | Ø.**Ø6886**.ØØ | 26<br>27<br>28 |
| | round mounting bracket for 1 or 2 luminaires | Ø.**Ø6889**.ØØ | 26<br>27<br>28 |
| | cable gland | Ø.**Ø6887**.ØØ | 26<br>27<br>28 |
| FILTERS | filters<br><br>shield finish<br>**79** anti UV | Ø.**Ø6899**.ØØ | 79 |
| | anti-dazzle louvre | Ø.**Ø6898**.ØØ | 26<br>27<br>28 |
| possible configuration | | Ø.Ø6886.ØØ | 26 |



| CYL LIGHT ø 260 | details | reference | finish ref. |
|---|---|---|---|
| | round mounting bracket for 1 or 2 luminaires | Ø.**Ø7614**.ØØ | 26<br>27<br>28 |
| | round mounting bracket for 1 or 2 luminaires | Ø.**Ø7615**.ØØ | 26<br>27<br>28 |
| possible configuration | | Ø.Ø7614.ØØ | 26 |





# HILLOCK

## fixed ceiling-mounted luminaire

design by: **Fabio Reggiani**

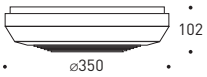
# IP55

## adjustable projector

design by: **Carlo Vietri**

## Ceiling-mounted luminaire with control gear technology for compact fluorescent lamps, double-ended metal halide lamps and mains voltage halogen lamps






IP55 | 850° | g 3759

**2x18W**

| FLU | TC-L (2G11) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø7881.**ØØ | | 88° | 26 / 27 / 28 |

**1x42W**

| FLU | TC-TE (GX24q-4) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø7882.**ØØ | | 80° | 26 / 27 / 28 |
| for maintained illumination when used as emergency lighting | | | |
| Ø.**Ø7883.**ØØ | | 80° | |

**1x70W**

| MH | HIT-DE (RX7s) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø7886.**EV | | 14° | 26 |
| Ø.**Ø789Ø.**EV | | 60° | 27 / 28 |

**1x150W**

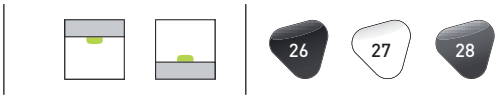
| MH | HIT-DE (RX7s) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø7887.**EV | | 18° | 26 |
| Ø.**Ø7891.**EV | | 62° | 27 / 28 |

**1x200W**

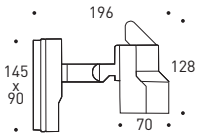
| HALO | 114.2 QT-DE (R7s) mains voltage | beam width | finish reference |
|---|---|---|---|
| Ø.**Ø7888.**ØØ | | 30° | 26 |
| Ø.**Ø7892.**ØØ | | 42° | 27 / 28 |
| possible configuration | | Ø.Ø7881.ØØ | 26 |

REGGIANI

## Compact projector for low voltage halogen lamps with built-in dichroic reflector





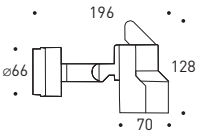




IP55 | 850° | g 1590

1x20/35/50W - 12V

| HALO | QR-CB (GU5.3) toroidal transformer | lamp with built-in reflector | finish reference |
|---|---|---|---|
| | Ø.**Ø61Ø1.**EV | - | 26<br>27<br>28 |
| possible configuration | | Ø.**Ø61Ø1.**EV 26 | |






IP55 | III | 850° | g 642

1x20/35/50W - 12V

| HALO | QR-CB (GU5.3) | lamp with built-in reflector | finish reference |
|---|---|---|---|
| | Ø.**Ø61Ø2.**ØØ | - | 26<br>27<br>28 |
| possible configuration | | Ø.**Ø61Ø2.**ØØ 26 | |

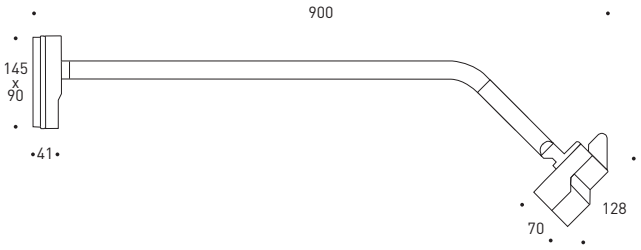
Accessories (pg. 649).

Accessories (pg. 649).

## Projector with compact arm for low voltage halogen lamps with built-in dichroic reflector






IP55 | 850° | g 2387

1x20/35/50W - 12V

| HALO | QR-CB (GU5.3) | lamp with built-in reflector | finish reference |
|---|---|---|---|
| | | | |
| Ø.Ø61Ø3.EV | | - | 26 |
| | | | 27 |
| | | | 28 |
| possible configuration | | Ø.Ø61Ø3.EV 26 | |

Accessories (pg. 649).

REGGIANI

## Accessories
halogen lamps

| **IP55** | details | reference | finish reference |
|---|---|---|---|
|  | dichroic filters<br><br>shield finish:<br>**74** blue<br>**75** green<br>**76** yellow<br>**77** red | Ø.Ø**6937**.ØØ | 74 |
| | | Ø.Ø**6937**.ØØ | 75 |
| | | Ø.Ø**6937**.ØØ | 76 |
| | | Ø.Ø**6937**.ØØ | 77 |
|  | Kit for installation on branches and piers; min. ø 60 mm, max. ø 100 mm | Ø.Ø**6ØØ1**.ØØ | 00 |
|  | earth spike | Ø.Ø**6ØØ2**.ØØ | 00 |
|  | anti-glare attachment | Ø.Ø**6ØØ3**.ØØ | 21 |

| | |
|---|---|
| possible configuration | Ø.Ø6937.ØØ 74 |



# ARGIAK

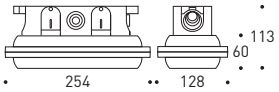
## fixed / adjustable projector

design by: **Fabio Reggiani**

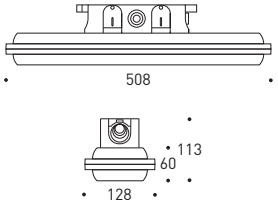
## Surface-mounted projector with IOS optics








IP65 | IOS | 850° | g 1565

2x13 W — 1500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | ▲ | | | | | |
| Ø | | BC4R | A | 11° | HQ | 1221 | 3000 | >90 | 26 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 27 |
| V | | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| possible configuration | | | Ø . BC4R A . HQ 26 | | | | | | |

IP65 | IOS | 850° | g 2279

4x13 W — 1500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | ▲ | | | | | |
| Ø | | FC4T | A | 11° | HQ | 1221 | 3000 | >90 | 26 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 27 |
| V | | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| possible configuration | | | Ø . FC4T A . HQ 26 | | | | | | |

Photometric data (pg. 704-705).

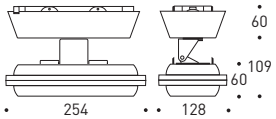
Photometric data (pg. 704-705).

REGGIANI

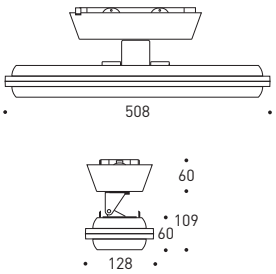
## Surface-mounted projector with IOS optics








IP65 | IOS | 850° | 356° | 60° | -70° | g 1511

**2x13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | V | CC4R | A | 11° | HQ | 1221 | 3000 | >90 | 26 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 27 |
| | | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| possible configuration | | | | | Ø . CC4R A . HQ 26 | | | | |

IP65 | IOS | 850° | 356° | 60° | -70° | g 2613

**4x13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| Ø | V | GC4T | A | 11° | HQ | 1221 | 3000 | >90 | 26 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 27 |
| | | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| possible configuration | | | | | Ø . GC4T A . HQ 26 | | | | |

Photometric data (pg. 704-705).

Photometric data (pg. 704-705).



# MULTISPOT

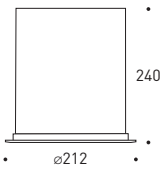
## fixed recessed luminaire

design by: **Fabio Reggiani**

## Round, fixed recessed luminaire with remote driver

26 27 28






IP66 IP66 | IOS | 850° | g 3240 | ø 188

**13 W** — **1500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | Ø963 | A | 11° | HQ | 1221 | 3000 | >90 | 26 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 27 |
| | | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | possible configuration | | | | Ø · Ø663 · A · HQ · 10 | | | | |

**22 W** — **2500 lm**

| LED | driver reference | product reference | optics reference | | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | | | | |
| | Ø | Ø965 | A | 11° | HQ | 2038 | 3000 | >90 | 26 |
| | | | B | 15° | WW | 2650 | 3000 | >80 | 27 |
| | | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | | | E | 51° | | | | | |
| | possible configuration | | | | Ø · Ø665 · A · HQ · 10 | | | | |

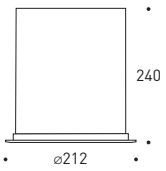
Photometric data (pg. 704-705 / 708-709).

REGGIANI

## Round, fixed recessed luminaire with remote driver

26 27 28

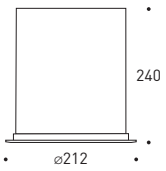





IP66 IP66 | IOS | 850° | g 2249 | ø 188

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** | HF control gear | | |
| Ø.**138ØØ**.ØØ | | 14° | 26 |
| Ø.**138Ø1**.ØØ | | 22° | 27 |
| Ø.**138Ø2**.ØØ | | 50° | 28 |
| **35 W** | HPF control gear | | |
| Ø.**138Ø5**.EV | | 14° | 26 |
| Ø.**138Ø6**.EV | | 22° | 27 |
| Ø.**138Ø7**.EV | | 50° | 28 |
| **50 W** | HF control gear | | |
| Ø.**5Ø238**.ØØ | | 14° | 26 |
| Ø.**5Ø239**.ØØ | | 22° | 27 |
| Ø.**5Ø24Ø**.ØØ | | 50° | 28 |
| **70 W** | HPF control gear | | |
| Ø.**1381Ø**.EV | | 14° | 26 |
| Ø.**13811**.EV | | 22° | 27 |
| Ø.**13812**.EV | | 50° | 28 |
| **100 W** | HF control gear | | |
| Ø.**5Ø241**.ØØ | | 16° | 26 |
| Ø.**5Ø242**.ØØ | | 22° | 27 |
| Ø.**5Ø243**.ØØ | | 48° | 28 |
| **150 W** | HPF control gear | | |
| Ø.**13815**.EV | | 14° | 26 |
| Ø.**13816**.EV | | 22° | 27 |
| Ø.**13817**.EV | | 48° | 28 |
| possible configuration | | Ø.138ØØ.ØØ 26 | |






IP66 IP66 | 850° | g 2754 | ø 188

| FLU | TC-TE GX24q-3 | beam width | finish reference |
|---|---|---|---|
| **26 W** | | | |
| Ø.**Ø8257**.EV | | 112° | 26 |
| | | | 27 |
| | | | 28 |
| possible configuration | | Ø.**Ø8257**.EV 26 | |

MH IOS MH5 | GLASS

Accessories (pg. 658).
Photometric data (pg. 770-771).

Accessories (pg. 658).

## Accessories
metal halide lamps

| MULTISPOT | details | IOS MH5 | ▲ | reference | finish reference |
|---|---|---|---|---|---|
| MH IOS MH5   | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH5 | 14° | Ø.**1325Ø**.ØØ | 00 |
| | | | 22° | Ø.**13251**.ØØ | |
| | | | 48°/50° | Ø.**13252**.ØØ | |
| GLASS | smooth safety glass for luminaires with IOS with narrow beam<br><br>shield finish:<br>**00** clear | | | Ø.**1383Ø**.ØØ | 00 |
| GLASS | grainy safety glass for luminaires with IOS with medium and wide beam<br><br>shield finish:<br>**00** clear | | | Ø.**13831**.ØØ | 00 |

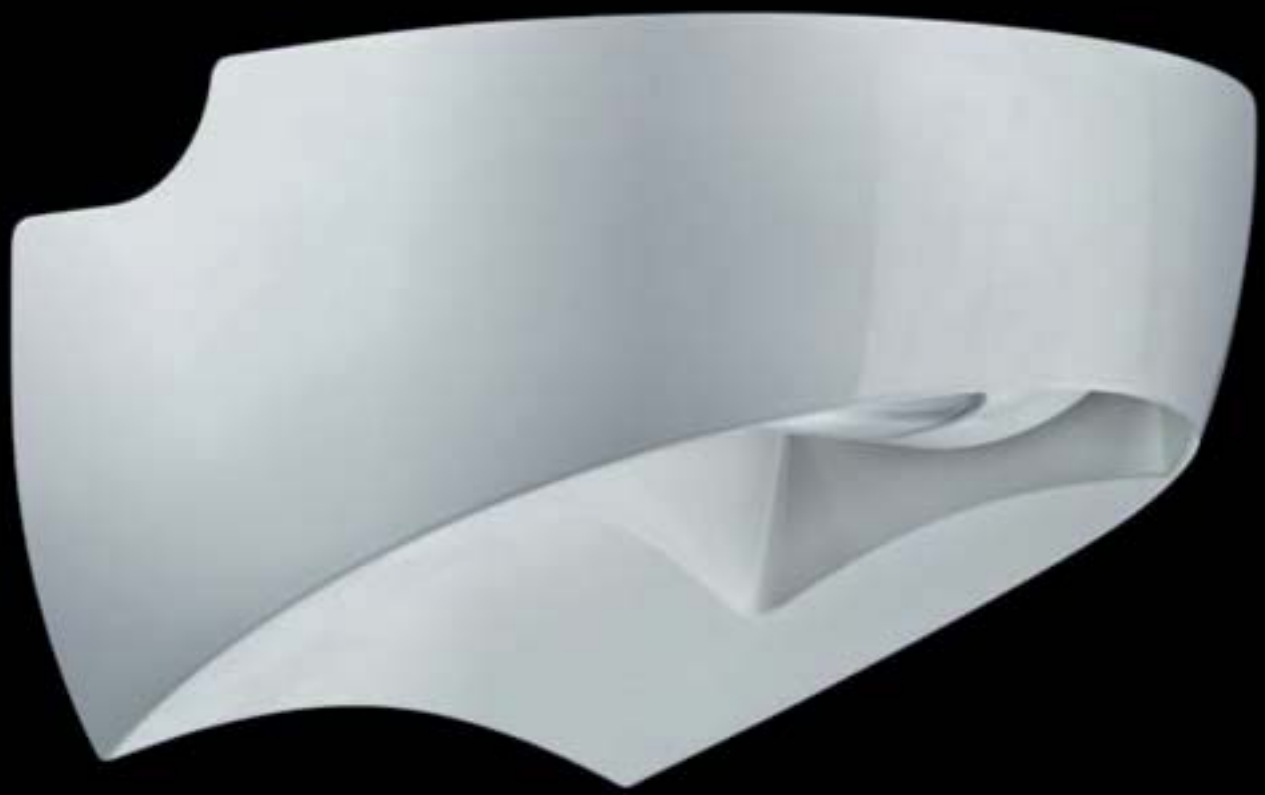
| possible configuration | Ø.**1325Ø**.ØØ 00 |
|---|---|

## Accessories
compact fluorescent lamps

| MULTISPOT | details | reference | finish reference |
|---|---|---|---|
| | dichroic filters<br><br>shield finish:<br>**74** blue<br>**75** green<br>**76** yellow<br>**77** red | Ø.Ø**6944**.ØØ | 75 |
| | | Ø.Ø**6944**.ØØ | 76 |
| | | Ø.Ø**6944**.ØØ | 77 |

| possible configuration | Ø. Ø**6944** ØØ 74 |
|---|---|





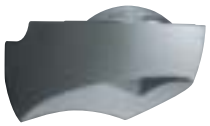
# NARANCIA

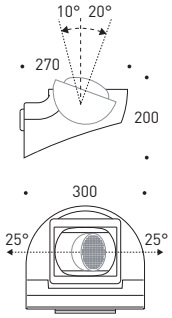
## fixed / adjustable projector

design by: **Fabio Reggiani**

## Adjustable exterior projector






IP66 | IOS | 850° | g 4133

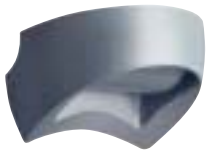
| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **20 W** | | | |
| Ø.14750.ØØ | | 14° | 26 |
| Ø.14751.ØØ | | 34° | 27 |
| Ø.14752.ØØ | | 56° | 28 |
| Ø.14775.ØØ | | Mira | |
| **35 W** | | | |
| Ø.14753.ØØ | | 14° | 26 |
| Ø.14755.ØØ | | 34° | 27 |
| Ø.14756.ØØ | | 56° | 28 |
| Ø.14776.ØØ | | Mira | |
| **50 W** | | | |
| Ø.5Ø250.ØØ | | 14° | 26 |
| Ø.5Ø251.ØØ | | 34° | 27 |
| Ø.5Ø252.ØØ | | 56° | 28 |
| Ø.5Ø253.ØØ | | Mira | |
| possible configuration | | Ø.14750.ØØ 26 | |

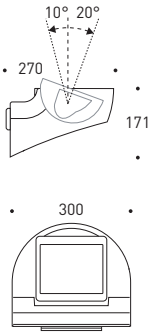
Photometric data (pg. 767).

REGGIANI

## Adjustable exterior projector

26 27 28

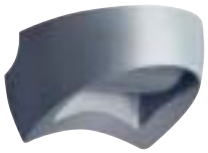


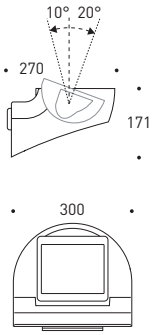



IP66 | 850° | g 3903

1x35W

| MH | CDM-T (G12) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.147Ø3.ØØ | asymmetric | 26 27 28 |






IP66 | 850° | g 3903

1x13W

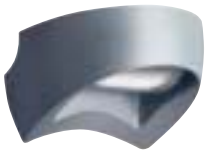
| FLU | TC-TE (GX24q-1) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.14729.ØØ | 106° | 26 27 28 |

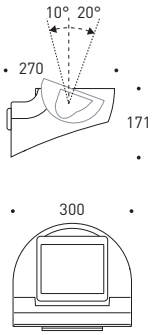
1x18W

| FLU | TC-TE (GX24q-2) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.14732.ØØ | 76° | 26 27 28 |
| | possible configuration | Ø.147Ø3.ØØ 26 | |

## Adjustable exterior projector





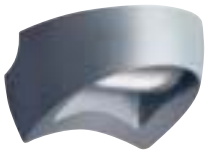

IP66 | 850° | g 4243

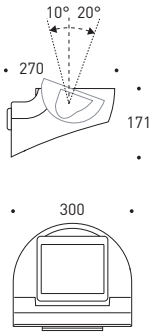
1x200W

| HALO | QT-DE (R7s) mains voltage | beam width | finish reference |
|---|---|---|---|
| | Ø.147**Ø1**.ØØ | / | 26<br>27<br>28 |

1x35W

| MH | CDM-T (G12) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.147**Ø5**.ØØ | / | 26<br>27<br>28 |






IP66 | 850° | g 3903

1x13W

| FLU | TC-TE (GX24q-1) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.1473**Ø**.ØØ | / | 26<br>27<br>28 |

1x18W

| FLU | TC-TE (GX24q-2) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.1473**3**.ØØ | / | 26<br>27<br>28 |
| | possible configuration | Ø.147**Ø**3.ØØ 26 | |



Atrium, monumental Church of S. Gregorio Armeno - Naples, Italy





# UNITED

adjustable projector

design by: **Luigi Manzoni**

# ZAGARA

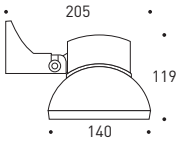
adjustable projector

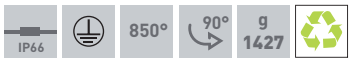
design by: **Fabio Reggiani**

## Adjustable exterior projector






1x20W

| MH | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.12Ø01.ØØ | asymmetric | 26 |
| | | | 27 |
| | | | 28 |

1x35W

| MH | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.12Ø03.ØØ | asymmetric | 26 |
| | | | 27 |
| | | | 28 |

1x70W

| MH | CDM-TC (G8.5) HF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.12Ø05.ØØ | asymmetric | 26 |
| | | | 27 |
| | | | 28 |

| possible configuration | Ø.12Ø01.ØØ 26 |
|---|---|



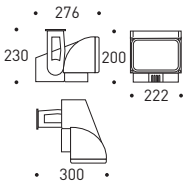
Accessories (pg. 670).

REGGIANI

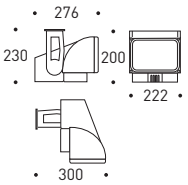
## Adjustable exterior projector








IP66 | 850° | 90° | g 7994

**1x70W**

| MH | HIT-DE (RX7s) HPF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø5Ø91**.EV | asymmetric | 28 |

**1x150W**

| MH | HIT-DE (RX7s) HPF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø5Ø9Ø**.EV | asymmetric | 28 |

**1x250W**

| MH | HIT-DE (FC2) HPF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø5Ø98**.EV | asymmetric | 28 |

**1x230W**

| HALO | QT-DE (R7s) mains voltage | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø5Ø95**.ØØ | asymmetric | 28 |
| | possible configuration | Ø.Ø5Ø91.ØØ 28 | |

IP66 | 850° | 90° | g 7994

**1x70W**

| MH | CDM-T (G12) HPF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø5Ø93**.EV | 14° | 28 |
| | Ø.**Ø5Ø96**.EV | 40° | |

**1x150W**

| MH | CDM-T (G12) HPF control gear | beam width | finish reference |
|---|---|---|---|
| | Ø.**Ø5Ø92**.EV | 20° | 28 |
| | Ø.**Ø5Ø97**.EV | 44° | |
| | possible configuration | Ø.Ø5Ø93.EV 28 | |

FILTERS

Accessories (pg. 670).

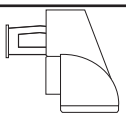
FILTERS

Accessories (pg. 670).

## Accessories
metal halide lamps



| ZAGARA | details | reference | finish reference |
|---|---|---|---|
|  | extended bracket for mounting on cornices | Ø.12**ØØ**.ØØ | 26<br>27<br>28 |
|  | arm bracket | Ø.12**Ø1Ø**.ØØ | 26<br>27<br>28 |
| possible configuration | | Ø.12ØØ.ØØ 26 | |



| UNITED | details | reference | finish reference |
|---|---|---|---|
|  | dichroic filters<br><br>shield finish:<br>**74** blue<br>**75** green<br>**76** yellow<br>**77** red | Ø.Ø**5293**.ØØ<br>Ø.Ø**5293**.ØØ<br>Ø.Ø**5293**.ØØ<br>Ø.Ø**5293**.ØØ | 74<br>75<br>76<br>77 |
|  | anti-glare attachment | Ø.Ø**5291**.ØØ | 21 |
|  | louvre | Ø.Ø**5292**.ØØ | 21 |
|  | barn doors | Ø.Ø**529Ø**.ØØ | 21 |
|  | Fresnel lens | Ø.Ø**5294**.ØØ | 28 |
| possible configuration | | Ø.Ø5293.ØØ 74 | |



exterior lighting, Guangzhou Opera House ® Hufton+Crow



# RIOS PLUS _ RIOS

## adjustable projector

design by: **Fabio Reggiani**

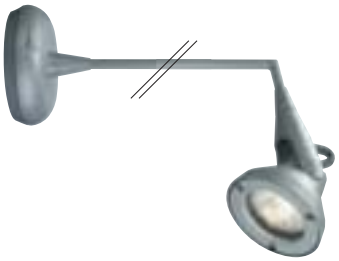
## Adjustable exterior projector

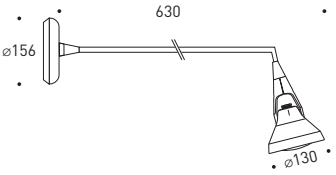













IP66 | IOS | 850° | 356° | 100° | g 1535

### SURFACE-MOUNTED, COMPACT VERSION

13 W — 1500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | B783 | A | 11° | HQ | 1221 | 3000 | >90 | 26 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 27 |
| | V | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | D | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | T* | | K | without optics | | | | | |

possible configuration: Ø, B783, A, HQ, 26

22 W — 2500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | B785 | A | 11° | HQ | 2038 | 3000 | >90 | 26 |
| | | | B | 15° | WW | 2650 | 3000 | >80 | 27 |
| | V | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | D | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | T* | | K | without optics | | | | | |

possible configuration: Ø, B785, A, HQ, 26

IP55 | IOS | 850° | 356° | 100° | g 1842

### SURFACE-MOUNTED VERSION WITH EXTENDED ARM

13 W — 1500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | C783 | A | 11° | HQ | 1221 | 3000 | >90 | 26 |
| | | | B | 15° | WW | 1500 | 3000 | >80 | 27 |
| | V | | C | 21° | NN | 1661 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | D | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | T* | | K | without optics | | | | | |

possible configuration: Ø, C783, A, HQ, 26

22 W — 2500 lm

| LED | driver reference | product reference | optics reference | | lumen reference | | | | finish reference |
|---|---|---|---|---|---|---|---|---|---|
| | | | IOS LL2 | | | nom. lm | K | CRI | |
| | Ø | C785 | A | 11° | HQ | 2038 | 3000 | >90 | 26 |
| | | | B | 15° | WW | 2650 | 3000 | >80 | 27 |
| | V | | C | 21° | NN | 2759 | 4000 | >80 | 28 |
| | | | D | 29° | | | | | |
| | D | | E | 51° | | | | | |
| | | | F | Mira | | | | | |
| | T* | | K | without optics | | | | | |

possible configuration: Ø, C785, A, HQ, 26

* Provision for luminous intensity adjustment with external phase cut dimmer.

LED IOS LL2 | LED IOS LL2 FOOD

Accessories (pg. 678).
Photometric data (pg. 704-705 / 708-709).

LED IOS LL2 | LED IOS LL2 FOOD

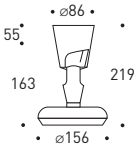
Accessories (pg. 678).
Photometric data (pg. 704-705 / 708-709).

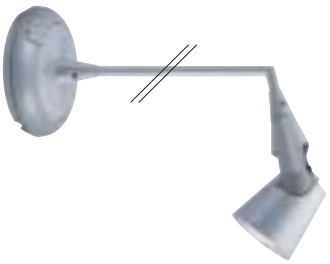
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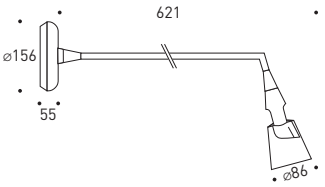
## Adjustable exterior projector

26 27 28








IP66 850° 356° 100° g 1336

**SURFACE-MOUNTED, COMPACT VERSION**

| HALO | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 50 W | | | |
| | Ø.132ØØ.ØØ | / | 26<br>27<br>28 |
| possible configuration | | Ø.132ØØ.ØØ 1Ø | |

IP55 850° 356° 100° g 1676

**SURFACE-MOUNTED VERSION WITH EXTENDED ARM**

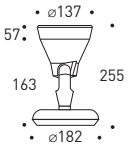
| HALO | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 50 W | | | |
| | Ø.1322Ø.ØØ | / | 26<br>27<br>28 |
| possible configuration | | Ø.1322Ø.ØØ 10 | |

Accessories (pg. 678).

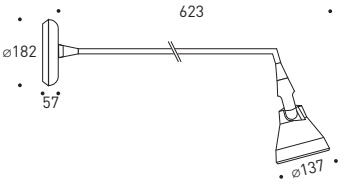
## Adjustable exterior projector








IP66 | | IOS | 850° | 356° | 100° | g 1805 | ♻

### SURFACE-MOUNTED, COMPACT VERSION

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **35 W** | | | |
| Ø.13241.ØØ | | 14° | 26 |
| Ø.13242.ØØ | | 34° | 27 |
| Ø. 13243.ØØ | | 56° | 28 |
| **50 W** | | | |
| Ø.5Ø22Ø.ØØ | | 14° | 26 |
| Ø.5Ø221.ØØ | | 34° | 27 |
| Ø.5Ø222.ØØ | | 56° | 28 |
| **70 W** | | | |
| Ø.13244.ØØ | | 16° | 26 |
| Ø.13245.ØØ | | 34° | 27 |
| Ø.13246.ØØ | | 58° | 28 |
| possible configuration | | Ø.13241.ØØ 26 | |

IP55 | | IOS | 850° | 356° | 100° | g 1977 | ♻

### SURFACE-MOUNTED VERSION WITH EXTENDED ARM

| MH IOS | CDM-TC G8.5 | IOS MH2 optics | finish reference |
|---|---|---|---|
| **35 W** | | | |
| Ø.13271.ØØ | | 14° | 26 |
| Ø.13272.ØØ | | 34° | 27 |
| Ø. 13273.ØØ | | 56° | 28 |
| **50 W** | | | |
| Ø.5Ø223.ØØ | | 14° | 26 |
| Ø.5Ø224.ØØ | | 34° | 27 |
| Ø.5Ø225.ØØ | | 56° | 28 |
| **70 W** | | | |
| Ø.13274.ØØ | | 16° | 26 |
| Ø.13275.ØØ | | 34° | 27 |
| Ø.13276.ØØ | | 58° | 28 |
| possible configuration | | Ø.13271.ØØ 26 | |

MH IOS MH2 | MH IOS MH2 FOOD | HALO IOS MH2 UV/IR | MH IOS MH2

Accessories (pg. 678).
Photometric data (pg. 767).

MH IOS MH2 | MH IOS MH2 FOOD | HALO IOS MH2 UV/IR | MH IOS MH2

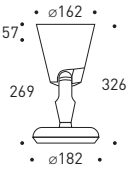
Accessories (pg. 678).
Photometric data (pg. 767).

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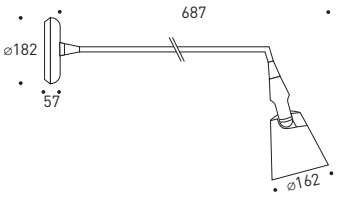
## Adjustable exterior projector








IP66 | IOS | 850° | 356° | 100° | g 2515

### SURFACE-MOUNTED, COMPACT VERSION

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **35 W** | | | |
| Ø.13283.ØØ | | 14° | 26 |
| Ø.13284.ØØ | | 22° | 27 |
| Ø.13285.ØØ | | 50° | 28 |
| **50 W** | | | |
| Ø.5Ø226.ØØ | | 14° | 26 |
| Ø.5Ø227.ØØ | | 22° | 27 |
| Ø.5Ø228.ØØ | | 50° | 28 |
| **70 W** | | | |
| Ø.13286.ØØ | | 14° | 26 |
| Ø.13287.ØØ | | 22° | 27 |
| Ø.13288.ØØ | | 50° | 28 |
| possible configuration | | Ø.13283.ØØ 26 | |

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

Accessories (pg. 678).
Photometric data (pg. 768).

IP55 | IOS | 850° | 356° | 100° | g 2801

### SURFACE-MOUNTED VERSION WITH EXTENDED ARM

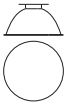
| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **35 W** | | | |
| Ø.13293.ØØ | | 14° | 26 |
| Ø.13294.ØØ | | 22° | 27 |
| Ø.13295.ØØ | | 50° | 28 |
| **50 W** | | | |
| Ø.5Ø229.ØØ | | 14° | 26 |
| Ø.5Ø23Ø.ØØ | | 22° | 27 |
| Ø.5Ø231.ØØ | | 50° | 28 |
| **70 W** | | | |
| Ø.13296.ØØ | | 14° | 26 |
| Ø.13297.ØØ | | 22° | 27 |
| Ø.13298.ØØ | | 50° | 28 |
| possible configuration | | Ø.13293.ØØ 26 | |

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5

Accessories (pg. 678).
Photometric data (pg. 768).

## Accessories
LED



| RIOS PLUS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| LED IOS LL2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | A | 11° | Ø.**3505Ø**.ØØ | 00 |
| | | | B | 15° | Ø.**35049**.ØØ | |
| | | | C | 21° | Ø.**35051**.ØØ | |
| | | | D | 29° | Ø.**35052**.ØØ | |
| | | | E | 51° | Ø.**35053**.ØØ | |
| | | | F | Mira* | Ø.**35054**.ØØ | |
| | | | H | W. W. | Ø.**35059**.ØØ | |
| LED IOS LL2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS LL2 | 11° | Ø.**3505Ø**.ØØ | 64 |
| | | | | 15° | Ø.**35049**.ØØ | 65 |
| | | | | 21° | Ø.**35051**.ØØ | 66 |
| | | | | 29° | Ø.**35052**.ØØ | 67 |
| | | | | 51° | Ø.**35053**.ØØ | |
| |  | earth spike | | | Ø.**13190**.ØØ | 00 |

| possible configuration | Ø.35Ø5Ø.ØØ 00 |
|---|---|

## Accessories
halogen lamps / metal halide lamps



| RIOS | | details | IOS | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 00 |
| | | | | 34° | Ø.**1130Ø**.ØØ | |
| | | | | 56°/58° | Ø.**1130Ø**.ØØ | |
| MH IOS MH2 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 64 |
| | | | | 34° | Ø.**1130Ø**.ØØ | 65 |
| | | | | 56°/58° | Ø.**1130Ø**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH2 UV/IR<br>MH IOS MH2 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH2 | 14°/16° | Ø.**113ØØ**.ØØ | 59 |
| | | | | 34° | Ø.**1130Ø**.ØØ | 79 |
| | | | | 56°/58° | Ø.**1130Ø**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| MH IOS MH5 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**00** clear | IOS MH5 | 14° | Ø.**13250**.ØØ | 00 |
| | | | | 22° | Ø.**13251**.ØØ | |
| | | | | 50° | Ø.**13252**.ØØ | |
| MH IOS MH5 FOOD |  • ø80 • | interchangeable optical system with selective filters<br><br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH5 | 14° | Ø.**13250**.ØØ | 64 |
| | | | | 22° | Ø.**13251**.ØØ | 65 |
| | | | | 50° | Ø.**13252**.ØØ | 66 |
| | | | | | | 67 |
| MH IOS MH5 UV/IR<br>MH IOS MH5 |  • ø80 • | interchangeable optical system<br><br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH5 | 14° | Ø.**13250**.ØØ | 59 |
| | | | | 22° | Ø.**13251**.ØØ | 79 |
| | | | | 50° | Ø.**13252**.ØØ | 74 |
| | | | | | | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| |  | earth spike | | | Ø.**13190**.ØØ | 00 |

| possible configuration | Ø.113ØØ.ØØ 00 |
|---|---|



Next Home and garden Shoreham - London, England

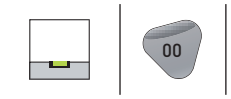


# METAMORPHOSI

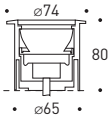
## ground recessed luminaire

design by: **Fabio Reggiani**

## Fixed ground recessed exterior luminaire






IP67 | IOS | 850° | g 467 | ø 65 | GLASS °C 40°

2 W — 1500 lm

| LED | driver | product reference | beam width | lumen reference | nom. lm | K | CRI | finish reference |
|---|---|---|---|---|---|---|---|---|
| | non-dimmable | Ø.B85ØØ | 15° | WW | 180 | 3000 | >85 | 00 |
| | | | | NN | 197 | 4000 | >85 | |
| | non-dimmable | Ø.C85ØØ | 29° | WW | 180 | 3000 | >85 | 00 |
| | | | | NN | 197 | 4000 | >85 | |
| | non-dimmable | Ø.D85ØØ | 47° | WW | 180 | 3000 | >85 | 00 |
| | | | | NN | 197 | 4000 | >85 | |

possible configuration: Ø.B85ØØ . WW 00

Refer to the table on page 688 for finishes



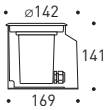
Accessories (pg. 689).
Photometric data (pg. 700).

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## Fixed ground recessed exterior luminaire

00 16 28






IP67 | III | 850° | g 1810 | ø 169 | GLASS °C 88° - 204°

| HALO | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 20 W | | | |
| | Ø.**Ø6Ø91**.ØØ | / | 00 |
| | | | 16 |
| | | | 28 |
| possible configuration | | Ø.**Ø6Ø91**.ØØ 00 | |

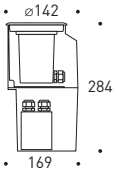
| HALO | HI-SPOT GZ10 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 50 W | | | |
| | Ø.**Ø6Ø93**.ØØ | / | 00 |
| | | | 16 |
| | | | 28 |
| possible configuration | | Ø.**Ø6Ø93**.ØØ 00 | |

Refer to the table on page 688 for finishes

GLASS

Accessories (pg. 689).






IP67 | III | 850° | g 3432 | ø 169 | GLASS °C 40°

| HALO | QR-CB GU5.3 | lamp with built-in reflector | finish reference |
|---|---|---|---|
| 20 W | Built-in transformer | | |
| | Ø.**Ø6Ø92**.EV | / | 00 |
| | | | 16 |
| | | | 28 |
| possible configuration | | Ø.**Ø6Ø92**.EV 00 | |

Refer to the table on page 688 for finishes

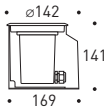
GLASS

Accessories (pg. 689).

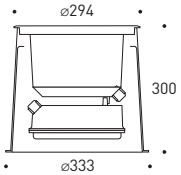
## Fixed ground recessed exterior luminaire

00 03 16 28








IP67 | 850° | g 1546 | ø 169 | GLASS °C 40°

IP67 | 850° | g 6347 | ø 333 | GLASS °C 75°-269°

**FLU**

| TC-DE G24q-1 | beam width | finish reference |
|---|---|---|
| **10 W** | | |
| Ø.**Ø6Ø86**.ØØ | / | 00 |
| | | 16 |
| | | 28 |
| possible configuration | Ø.**Ø6Ø86**.ØØ 00 | |

Refer to the table on page 688 for finishes

**MH**

| CDM-T G12 | beam width | finish reference |
|---|---|---|
| **20 W** HF control gear | | |
| Ø.**Ø5918**.ØØ | 10° | 00 |
| Ø.**Ø5919**.ØØ | 32° | 03 |
| | | 16 |
| | | 28 |
| **35 W** HPF control gear | | |
| Ø.**Ø592Ø**.EV | 10° | 00 |
| Ø.**Ø5921**.EV | 32° | 03 |
| | | 16 |
| | | 28 |
| **70 W** HPF control gear | | |
| Ø.**Ø5922**.EV | 10° | 00 |
| Ø.**Ø5923**.EV | 32° | 03 |
| | | 16 |
| | | 28 |
| **150 W** HPF control gear | | |
| Ø.**Ø5924**.EV | 12° | 00 |
| Ø.**Ø5925**.EV | 34° | 03 |
| | | 16 |
| | | 28 |
| possible configuration | Ø.Ø5918.ØØ 00 | |

Refer to the table on page 688 for finishes

GLASS

Accessories (pg. 689).

GLASS

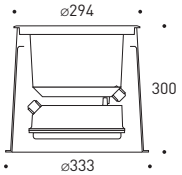
Accessories (pg. 689).

REGGIANI

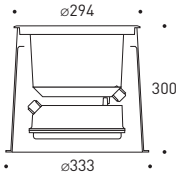
## Adjustable ground recessed exterior luminaire

00 03 16 28








IP67 | IOS | 850° | g 6447 | ø 333 | GLASS °C 75°-269°

IP67 | 850° | g 6238 | ø 333 | GLASS °C 75°-269°

| MH IOS | CDM-T G12 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **20 W** HF control gear | | | |
| Ø.**Ø5817.**ØØ | | 14° | 00 |
| Ø.**Ø5818.**ØØ | | 22° | 03 |
| Ø.**Ø5824.**ØØ | | 28° | 16 |
| Ø.**Ø5819.**ØØ | | 50° | 28 |
| **35 W** HPF control gear | | | |
| Ø.**Ø5821.**EV | | 14° | 00 |
| Ø.**Ø5822.**EV | | 22° | 03 |
| Ø.**Ø5829.**EV | | 28° | 16 |
| Ø.**Ø5823.**EV | | 50° | 28 |
| **70 W** HPF control gear | | | |
| Ø.**Ø5826.**EV | | 14° | 00 |
| Ø.**Ø5827.**EV | | 22° | 03 |
| Ø.**Ø5834.**EV | | 28° | 16 |
| Ø.**Ø5828.**EV | | 50° | 28 |
| **150 W** HPF control gear | | | |
| Ø.**Ø5831.**EV | | 14° | 00 |
| Ø.**Ø5839.**EV | | 28° | 16 |
| Ø.**Ø5833.**EV | | 48° | 28 |

| HALO IOS | QT-14 G9 | IOS MH5 optics | finish reference |
|---|---|---|---|
| **60 W** | | | |
| Ø.**Ø5836.**ØØ | | 16° | 00 |
| Ø.**Ø5842.**ØØ | | 28° | 16 |
| Ø.**Ø5838.**ØØ | | 50° | 28 |
| possible configuration | | Ø.**Ø5817.**ØØ 00 | |

Refer to the table on page 688 for finishes

| HALO | QR-111 G53 | beam width | finish reference |
|---|---|---|---|
| **65 W - 12 V** | | | |
| Ø.**Ø5843.**EV | | / | 00 |
| | | | 16 |
| | | | 28 |
| possible configuration | | Ø.**Ø5843.**EV 00 | |

Refer to the table on page 688 for finishes

MH IOS MH5 | MH IOS MH5 FOOD | MH IOS MH5 UV/IR | MH IOS MH5 | HALO IOS HL5 | GLASS

Accessories (pg. 689).
Photometric data (pg. 770-771 / 773).

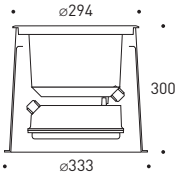
GLASS

Accessories (pg. 689).

## Ground recessed exterior luminaire with asymmetric beam

00 03 16 28



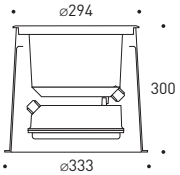



IP67 | 850° | g 7780 | ø 333 | GLASS °C 75°-136°

| MH | HIT-DE RX7s | beam width | finish reference |
|---|---|---|---|
| **70 W** HPF control gear | | | |
| Ø.**Ø5928**.EV | | asymmetric | 00 03 16 28 |
| **150 W** HPF control gear | | | |
| Ø.**Ø5929**.EV | | asymmetric | 00 03 16 28 |
| possible configuration | | Ø.Ø5928.EV\|00\| | |

Refer to the table on page 688 for finishes






IP67 | 850° | g 6076 | ø 333 | GLASS °C 40°

| FLU | TC-D G24d-3 | beam width | finish reference |
|---|---|---|---|
| **26 W** HPF control gear | | | |
| Ø.**Ø584Ø**.EV | | asymmetric | 00 03 16 28 |
| possible configuration | | Ø.**Ø584Ø**.EV\|00\| | |

Refer to the table on page 688 for finishes

GLASS

Accessories (pg. 689).

GLASS

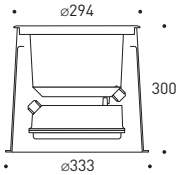
Accessories (pg. 689).

REGGIANI

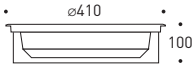
## Ground recessed exterior luminaire

00 03 16 28








IP67 | 850° | g 5747 | ø 333 | GLASS °C 66°

| FLU | TC-D G24d-3 | beam width | finish reference |
|---|---|---|---|
| **26 W** HPF control gear | | | |
| Ø.**Ø5841.**EV | | 60° | 00 |
| | | | 03 |
| | | | 16 |
| | | | 28 |
| possible configuration | | Ø.**Ø5841.**EV 00 | |

Refer to the table on page 688 for finishes

IP67 | 850° | g 8210 | ø 400 | GLASS °C 66°

| FLU | TC-L 2G11 | beam width | finish reference |
|---|---|---|---|
| **2x18 W** HF control gear | | | |
| Ø.**Ø5870.**ØØ | | 36° | 00 |
| Ø.**Ø5870.**ØØ | | 36° | 28 |
| possible configuration | | Ø.**Ø5870.**ØØ 28 | |

| FLU | TC-TE GX24q-4 | beam width | finish reference |
|---|---|---|---|
| **2x18 W** HF control gear | | | |
| Ø.**Ø5871.**ØØ | | 36° | 00 |
| Ø.**Ø5871.**ØØ | | 36° | 28 |
| possible configuration | | Ø.**Ø5871.**ØØ 28 | |

Refer to the table on page 688 for finishes

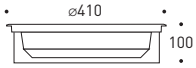
GLASS

Accessories (pg. 689).

Accessories (pg. 689).

## Ground recessed exterior luminaire with asymmetric beam






IP67 | 850° | g 8891 | ø 410 | GLASS °C 131°-183°

| MH | HIT-DE RX7s | beam width | finish reference |
|---|---|---|---|
| **70 W** HPF control gear | | | |
| Ø.**Ø5875**.EV | | asymmetric | 00 |
| Ø.**Ø5875**.EV | | asymmetric | 28 |
| possible configuration | | Ø.**Ø5875**.EV 28 | |

| MH | HIT-DE RX7s | beam width | finish reference |
|---|---|---|---|
| **150 W** HPF control gear | | | |
| Ø.**Ø5877**.EV | | asymmetric | 00 |
| Ø.**Ø5877**.EV | | asymmetric | 28 |
| possible configuration | | Ø.**Ø5877**.EV 28 | |

Refer to the table on page 688 for finishes

Accessories (pg. 689).

Finish table

| reference | finish reference 00 | 03 | 16 | 28 | page |
|---|---|---|---|---|---|
| Ø.B85ØØ | • | | | | 682 |
| Ø.C85ØØ | • | | | | |
| Ø.D85ØØ | • | | | | |
| Ø.Ø6Ø91.ØØ | • | | • | • | 683 |
| Ø.Ø6Ø93.ØØ | • | | • | • | |
| Ø.Ø6Ø92.EV | • | | • | • | |
| Ø.Ø6Ø86.ØØ | • | | • | • | 684 |
| Ø.Ø5918.ØØ | • | • | • | • | |
| Ø.Ø5919.ØØ | • | • | • | • | |
| Ø.Ø592Ø.EV | • | • | • | • | |
| Ø.Ø5921.EV | • | • | • | • | |
| Ø.Ø5922.EV | • | • | • | • | |
| Ø.Ø5923.EV | • | • | • | • | |
| Ø.Ø5924.EV | • | • | • | • | |
| Ø.Ø5925.EV | • | • | • | • | |
| Ø.Ø5817.ØØ | • | • | • | • | 685 |
| Ø.Ø5818.ØØ | • | • | • | • | |
| Ø.Ø5824.ØØ | • | • | • | • | |
| Ø.Ø5819.ØØ | • | • | • | • | |
| Ø.Ø5821.EV | • | • | • | • | |
| Ø.Ø5822.EV | • | • | • | • | |
| Ø.Ø5829.EV | • | • | • | • | |
| Ø.Ø5823.EV | • | • | • | • | |
| Ø.Ø5826.EV | • | • | • | • | |
| Ø.Ø5827.EV | • | • | • | • | |
| Ø.Ø5834.EV | • | • | • | • | |
| Ø.Ø5828.EV | • | • | • | • | |
| Ø.Ø5831.EV | • | | • | • | |
| Ø.Ø5839.EV | • | | • | • | |
| Ø.Ø5833.EV | • | | • | • | |
| Ø.Ø5836.ØØ | • | | • | • | |
| Ø.Ø5842.ØØ | • | | • | • | |
| Ø.Ø5838.ØØ | • | | • | • | |
| Ø.Ø5843.EV | • | | • | • | |
| Ø.Ø5928.EV | • | • | • | • | 686 |
| Ø.Ø5929.EV | • | • | • | • | |
| Ø.Ø584Ø.EV | • | • | • | • | |
| Ø.Ø5841.EV | • | • | • | • | 687 |
| Ø.Ø587Ø.ØØ | • | | | • | |
| Ø.Ø5871.ØØ | • | | | • | |
| Ø.Ø5875.EV | • | | | • | 688 |
| Ø.Ø5877.EV | • | | | • | |

## Accessories
LED

| METAMORPHOSI | ø 65 | details | reference | finish reference |
|---|---|---|---|---|
| | | additional recessing box | Ø.**Ø5860**.ØØ | 00 |

possible configuration: Ø.**Ø5860**.ØØ 00

## Accessories
halogen lamps / compact fluorescent lamps

| METAMORPHOSI | ø 169 | details | reference | finish reference |
|---|---|---|---|---|
| GLASS | | safety glass | Ø.**Ø6285**.ØØ | 81 |

possible configuration: Ø.**Ø6285**.ØØ 81

## Accessories
metal halide lamps

| METAMORPHOSI | ø 400/410 | details | reference | finish reference |
|---|---|---|---|---|
| | | stainless steel bezel | Ø.**Ø5869**.ØØ | 00 |

possible configuration: Ø.**Ø5869**.ØØ 00

## Accessories
halogen lamps / metal halide lamps /

| METAMORPHOSI | ø 333 | details | | | reference | finish reference |
|---|---|---|---|---|---|---|
| MH IOS MH5 |  ø130 | interchangeable optical system<br>shield finish:<br>**00** clear | IOS MH5 | 14° | Ø.**11310**.ØØ | 00 |
| | | | | 22° | Ø.**11311**.ØØ | |
| | | | | 28° | Ø.**11318**.ØØ | |
| | | | | 50° | Ø.**11312**.ØØ | |
| | | | | Mira* | Ø.**11313**.ØØ | |
| MH IOS MH5 FOOD |  ø130 | interchangeable optical system with selective filters<br>shield finish:<br>**64** green<br>**65** light blue<br>**66** orange<br>**67** pink | IOS MH5 | 14° | Ø.**11310**.ØØ | 64 |
| | | | | 22° | Ø.**11311**.ØØ | 65 |
| | | | | 28° | Ø.**11318**.ØØ | 66 |
| | | | | 50° | Ø.**11312**.ØØ | 67 |
| MH IOS MH5 UV/IR<br>MH IOS MH5 |  ø130 | interchangeable optical system<br>shield finish:<br>**59** IR - **79** anti UV<br>**74** blue dichroic filter<br>**75** green dichroic filter<br>**76** yellow dichroic filter<br>**77** red dichroic filter | IOS MH5 | 14° | Ø.**11310**.ØØ | 59 |
| | | | | 22° | Ø.**11311**.ØØ | 79 |
| | | | | 28° | Ø.**11318**.ØØ | 74 |
| | | | | 50° | Ø.**11312**.ØØ | 75 |
| | | | | | | 76 |
| | | | | | | 77 |
| HALO IOS HL5 |  ø130 | interchangeable optical system<br>shield finish:<br>**00** clear | IOS MH5 | 16° | Ø.**13250**.ØØ | 00 |
| | | | | 22° | Ø.**13251**.ØØ | |
| | | | | 28° | Ø.**11318**.ØØ | |
| | | | | 50° | Ø.**13252**.ØØ | |
| GLASS | | safety glass | | | Ø.**Ø5844**.ØØ | 00 |
| | | stainless steel bezel | | | Ø.**Ø5845**.ØØ | 00 |
| | | anti-glare louvre | | | Ø.**Ø5926**.ØØ | 21 |

* elliptical beam

possible configuration: Ø.**11310**.ØØ 00



# OFU

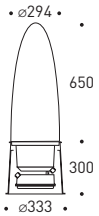
## fixed recessed luminaire

design by: **Álvaro Siza**

## Ground recessed luminaire with control gear technology for metal halide and compact fluorescent lamps

80 81






IP67 | IK 07 | g 10605

1x35W

| MH | CDM-T (G12) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.12110.EV | / | | 80 / 81 |

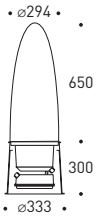
1x70W

| MH | CDM-T (G12) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.12111.EV | / | | 80 / 81 |

1x150W

| MH | CDM-T (G12) HPF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.12112.EV | / | | 80 / 81 |






IP67 | IK 07 | g 10605

1x26W

| FLU | TC-DE (G24q-1) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.12113.ØØ | / | | 80 / 81 |

1x32W

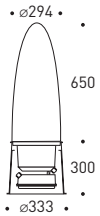
| FLU | TC-DE (G24q-1) HF control gear | beam width | finish reference |
|---|---|---|---|
| Ø.12114.ØØ | / | | 80 / 81 |
| possible configuration | | | Ø.12110.EV 80 |

Accessories (pg. 693).

Accessories (pg. 693).

## Ground recessed luminaire with control gear technology for colour changing led module






IP67 | IK 07 | g 10605

14,4W

| HALO | colour changing led | beam width | finish reference |
|---|---|---|---|
| | Ø.12115.ØØ | / | 80 |
| | | | 81 |
| | possible configuration | Ø.12115.ØØ 80 | |

## Accessories
metal halide lamps / compact fluorescent lamps

| OFU | details | reference | finish reference |
|---|---|---|---|
| | dichroic filters | Ø.12125.ØØ | 74 |
| | shield finish:<br>**74** blu<br>**75** green<br>**76** yellow<br>**77** red | Ø.12125.ØØ | 75 |
| | | Ø.12125.ØØ | 76 |
| | | Ø.12125.ØØ | 77 |
| | possible configuration | Ø.12125.ØØ 74 | |

# Photometric data


**LED COB** **696**
LL1 700 -702
LL2 704 -715
LL4 732 -733
LL5 734
LL6 735
LL7 736 -739
LL8 740

**MULTILED** **697**
LL2 716 -731
MULTILED 742 -752
754 -757

**LED ARRAY** **698**
LED ARRAY 741 /747
753 /758

**LED LINEAR** **699**
LED LINEAR 759 -765

**METAL HALIDE LAMPS** **766**
MH1 766
MH2 767
MH3 768
MH4 769
MH5 770 -771

**HALOGEN LAMPS** **772**
HL2 772
HL5 773

**COB LED** – chip-on-board LED – is one of the bare chip technologies, which interconnects the bare chip to a substrate by conductive or non-conductive adhesive and then wire bonding to achieve the electrical connection. The **COB** package consists of attaching a number of chips directly to the substrate, then joining them together by silica gel, epoxy resin or other materials; the visible yellow part is phosphor.

| Led by | Typology | actual LED wattage | ID abbreviation | Kelvin | SDMC (binning) K Tolerance | CRI | Nominal Lumen | Hot Lumen | lm/watt LED Nominal | lm/watt LED Hot | Power consumption LED+DRIVER | lm/Watt Nominal LED+DRIVER | lm/Watt Hot LED+DRIVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **2W** | COB | 2,3W | WW | 3000 | SDMC <3 +/- 50k | >85 | 180 | 162 | 78 | 67 | 3W | 60,0 | 54,0 |
| | | | NN | 4000 | | >85 | 197 | 177 | 86 | 73 | | 65,7 | 59,0 |
| **7W** | COB | 6,8W | HW | 2700 | SDMC <3 +/- 50k | >90 | 633 | 608 | 90 | 87 | 9,5W | 67,3 | 64,6 |
| | | | HQ | 3000 | | >90 | 688 | 660 | 96 | 81 | | 68,4 | 58,1 |
| | | | WW | 3000 | | >80 | 810 | 778 | 119 | 101 | | 85,3 | 72,5 |
| | | | NN | 4000 | | >80 | 907 | 871 | 127 | 108 | | 90,5 | 77,0 |
| **10W** | COB | 9,5W | HW | 2700 | SDMC <3 +/- 50k | >90 | 803 | 771 | 87 | 84 | 11,4W | 70,4 | 67,6 |
| | | | HQ | 3000 | | >90 | 873 | 838 | 95 | 91 | | 76,6 | 73,5 |
| | | | WW | 3000 | | >80 | 1044 | 1002 | 110 | 105 | | 91,6 | 87,9 |
| | | | NN | 4000 | | >80 | 1166 | 1119 | 127 | 122 | | 102,3 | 98,2 |
| **13W** | COB | 12,6W | HW | 2700 | SDMC <3 +/- 50k | >90 | 1148 | 1091 | 91 | 87 | 14,7W | 78,1 | 74,2 |
| | | | HQ | 3000 | | >90 | 1221 | 1160 | 97 | 92 | | 83,1 | 79,0 |
| | | | WW | 3000 | | >80 | 1500 | 1425 | 115 | 110 | | 102,0 | 97,0 |
| | | | NN | 4000 | | >80 | 1661 | 1578 | 133 | 126 | | 113,0 | 107,3 |
| **18W** | COB | 17,8W | HW | 2700 | SDMC <3 +/- 50k | >90 | 1631 | 1566 | 93 | 89 | 19,8W | 82,4 | 79,1 |
| | | | HQ | 3000 | | >90 | 1735 | 1666 | 98 | 94 | | 87,8 | 84,3 |
| | | | WW | 3000 | | >80 | 2257 | 2167 | 129 | 124 | | 114,3 | 109,7 |
| | | | NN | 4000 | | >80 | 2355 | 2261 | 134 | 129 | | 119,2 | 114,5 |
| **22W** | COB | 21,6W | HW | 2700 | SDMC <3 +/- 50k | >90 | 1916 | 1820 | 89 | 85 | 23,9W | 80,2 | 76,2 |
| | | | HQ | 3000 | | >90 | 2038 | 1936 | 94 | 90 | | 85,3 | 81,0 |
| | | | WW | 3000 | | >80 | 2650 | 2518 | 126 | 120 | | 110,9 | 105,0 |
| | | | NN | 4000 | | >80 | 2759 | 2621 | 129 | 123 | | 115,4 | 109,7 |
| **25W** | COB | 24,4W | HW | 2700 | SDMC <3 +/- 50k | >90 | 2337 | 2244 | 94 | 90 | 28,6W | 81,7 | 78,4 |
| | | | HQ | 3000 | | >90 | 2486 | 2387 | 99 | 96 | | 86,9 | 83,4 |
| | | | WW | 3000 | | >80 | 3045 | 2923 | 124 | 119 | | 106,5 | 102,2 |
| | | | NN | 4000 | | >80 | 3205 | 3077 | 129 | 124 | | 112,1 | 107,6 |
| **2xLED da 13W** | MULTI COB | 25,2W | HW | 2700 | SDMC <3 +/- 50k | >90 | 2106 | 2000 | 84 | 79 | 29,5W | 71,4 | 67,8 |
| | | | HQ | 3000 | | >90 | 2240 | 2128 | 89 | 84 | | 75,9 | 72,0 |
| | | | WW | 3000 | | >80 | 3000 | 2850 | 115 | 22 | | 101,7 | 97,0 |
| | | | NN | 4000 | | >80 | 3320 | 3154 | 132 | 125 | | 112,5 | 106,9 |
| **30W** | COB | 30,5W | HW | 2700 | SDMC <3 +/- 50k | >90 | 2767 | 2629 | 90 | 86 | 35,1W | 78,8 | 74,9 |
| | | | HQ | 3000 | | >90 | 2944 | 2797 | 96 | 91 | | 83,9 | 79,7 |
| | | | WW | 3000 | | >80 | 3617 | 3436 | 119 | 113 | | 103,0 | 97,9 |
| | | | NN | 4000 | | >80 | 3798 | 3608 | 124 | 118 | | 108,2 | 102,8 |
| **38W** | COB | 37,6W | HW | 2700 | SDMC <3 +/- 50k | >90 | 3399 | 3195 | 91 | 85 | 42,7W | 79,6 | 74,8 |
| | | | HQ | 3000 | | >90 | 3578 | 3363 | 94 | 89 | | 83,8 | 78,8 |
| | | | WW | 3000 | | >80 | 4329 | 4069 | 115 | 108 | | 101,4 | 95,3 |
| | | | NN | 4000 | | >80 | 4480 | 4211 | 120 | 127 | | 104,9 | 111,2 |
| **42W** | COB | 42W | HW | 2700 | SDMC <3 +/- 50k | >90 | 3875 | 3584 | 92 | 85 | 47,0W | 82,4 | 76,3 |
| | | | HQ | 3000 | | >90 | 4000 | 3700 | 95 | 88 | | 85,1 | 78,7 |
| | | | WW | 3000 | | >85 | 5047 | 4700 | 120 | 112 | | 107,4 | 100,0 |
| | | | NN | 4000 | | >85 | 5200 | 4840 | 124 | 115 | | 110,6 | 103,0 |
| **46W** | COB | 45,2W | HW | 2700 | SDMC <3 +/- 50k | >90 | 3940 | 3664 | 87 | 81 | 49,4W | 79,8 | 74,2 |
| | | | HQ | 3000 | | >90 | 4147 | 3857 | 91 | 84 | | 83,9 | 78,1 |
| | | | WW | 3000 | | >80 | 5017 | 4666 | 111 | 103 | | 101,6 | 94,4 |
| | | | NN | 4000 | | >80 | 5196 | 4832 | 114 | 106 | | 105,2 | 97,8 |
| **2xLED da 25W** | MULTI COB | 49,6W | HW | 2700 | SDMC <3 +/- 50k | >90 | 4672 | 4485 | 95 | 92 | 53,5W | 87,3 | 83,8 |
| | | | HQ | 3000 | | >90 | 4970 | 4771 | 99 | 95 | | 92,9 | 89,2 |
| | | | WW | 3000 | | >80 | 6090 | 5846 | 124 | 119 | | 113,8 | 109,3 |
| | | | NN | 4000 | | >80 | 83 | 6410 | 6154 | 129 | | 119,8 | 115,0 |
| **4xLED da 1 3W** | MULTI COB | 50,4W | HW | 2700 | SDMC <3 +/- 50k | >90 | 4211 | 4000 | 84 | 80 | 57W | 73,9 | 70,2 |
| | | | HQ | 3000 | | >90 | 4480 | 4256 | 89 | 84 | | 78,6 | 75,0 |
| | | | WW | 3000 | | >80 | 6000 | 5700 | 115 | 110 | | 105,3 | 100,0 |
| | | | NN | 4000 | | >80 | 6640 | 6308 | 132 | 125 | | 116,5 | 110,7 |
| **4xLED da 25W** | MULTI COB | 99,2W | HW | 2700 | SDMC <3 +/- 50k | >90 | 9344 | 8970 | 94 | 81 | 107W | 87,3 | 83,8 |
| | | | HQ | 3000 | | >90 | 9940 | 9542 | 99 | 95 | | 92,9 | 89,2 |
| | | | WW | 3000 | | >80 | 12180 | 11693 | 124 | 119 | | 113,8 | 109,3 |
| | | | NN | 4000 | | >80 | 12820 | 12307 | 129 | 124 | | 119,8 | 115,0 |



**MULTILED**: the multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

| Led by | Typology | actual LED wattage | ID abbreviation | Kelvin | SDMC (binning) K Tolerance | | CRI | Nominal Lumen | Hot Lumen | lm/watt LED Nominal | lm/watt LED Hot | Power consumption LED+DRIVER | lm/Watt Nominal LED+DRIVER | lm/Watt Hot LED+DRIVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **3W** | MULTI LED | 3,1W | HW | 2700 | SDMC <3 | +/- 50k | >90 | 266 | 255 | 86 | 85 | 3,4W | 77,8 | 74,6 |
| | | | HQ | 3000 | | | >90 | 350 | 336 | 113 | 112 | | 102,3 | 98,2 |
| | | | WW | 3000 | | | >85 | 310 | 298 | 100 | 99 | | 90,6 | 87,1 |
| | | | NN | 4000 | | | >85 | 375 | 360 | 121 | 120 | | 109,6 | 105,3 |
| **6W** | MULTI LED | 5,6W | HW | 2700 | SDMC <3 | +/- 50k | >90 | 450 | 424 | 75 | 71 | 6,8W | 65,8 | 62,0 |
| | | | HQ | 3000 | | | >90 | 570 | 536 | 95 | 89 | | 83,3 | 78,4 |
| | | | WW | 3000 | | | >85 | 650 | 611 | 108 | 102 | | 95,0 | 89,3 |
| | | | NN | 4000 | | | >85 | 700 | 658 | 117 | 110 | | 102,3 | 96,2 |
| **8W** | MULTI LED | 7,8W | HW | 2700 | SDMC <3 | +/- 50k | >90 | 637 | 601 | 82 | 77 | 8,9W | 71,6 | 67,6 |
| | | | HQ | 3000 | | | >90 | 765 | 719 | 98 | 92 | | 86,0 | 80,9 |
| | | | WW | 3000 | | | >85 | 880 | 827 | 113 | 106 | | 99,0 | 93,0 |
| | | | NN | 4000 | | | >85 | 975 | 917 | 125 | 118 | | 109,6 | 103,1 |
| **12W** | MULTI LED | 11,6W | HW | 2700 | SDMC <3 | +/- 50k | >90 | 971 | 874 | 84 | 75 | 13,2W | 73,4 | 66,1 |
| | | | HQ | 3000 | | | >90 | 1155 | 1040 | 100 | 90 | | 87,3 | 78,6 |
| | | | WW | 3000 | | | >85 | 1320 | 1188 | 114 | 102 | | 99,8 | 89,8 |
| | | | NN | 4000 | | | >85 | 1460 | 1314 | 126 | 113 | | 110,4 | 99,4 |
| **15W** | MULTI LED | 15,5W | HW | 2700 | SDMC <3 | +/- 50k | >90 | 1305 | 1149 | 84 | 74 | 17,7W | 73,9 | 65,0 |
| | | | HQ | 3000 | | | >90 | 1540 | 1355 | 99 | 87 | | 87,2 | 76,7 |
| | | | WW | 3000 | | | >85 | 1740 | 1531 | 112 | 99 | | 98,5 | 86,7 |
| | | | NN | 4000 | | | >85 | 1915 | 1685 | 124 | 109 | | 108,4 | 95,4 |
| **16W** | MULTI LED | 16W | HW | 2700 | SDMC <3 | +/- 50k | >90 | 1055 | 995 | 66 | 62 | 18,2W | 57,8 | 54,6 |
| | | | HQ | 3000 | | | >90 | 1330 | 1250 | 83 | 78 | | 72,9 | 68,5 |
| | | | WW | 3000 | | | >85 | 1655 | 1556 | 103 | 97 | | 90,7 | 85,3 |
| | | | NN | 4000 | | | >85 | 1760 | 1654 | 110 | 103 | | 90,5 | 90,7 |
| **24W** | MULTI LED | 23,8W | HW | 2700 | SDMC <3 | +/- 50k | >90 | 1637 | 1473 | 69 | 62 | 27,1W | 60,3 | 54,3 |
| | | | HQ | 3000 | | | >90 | 2030 | 1827 | 85 | 77 | | 74,8 | 67,3 |
| | | | WW | 3000 | | | >85 | 2470 | 2223 | 104 | 93 | | 91,0 | 81,9 |
| | | | NN | 4000 | | | >85 | 2565 | 2309 | 108 | 97 | | 94,5 | 85,1 |
| **32W** | MULTI LED | 31,6W | HW | 2700 | SDMC <3 | +/- 50k | >90 | 2132 | 1876 | 68 | 59 | 36W | 59,2 | 52,1 |
| | | | HQ | 3000 | | | >90 | 2665 | 2345 | 84 | 74 | | 74,0 | 65,1 |
| | | | WW | 3000 | | | >85 | 3285 | 2891 | 104 | 92 | | 91,2 | 80,2 |
| | | | NN | 4000 | | | >85 | 3450 | 3036 | 109 | 96 | | 95,8 | 84,3 |



**LED ARRAY**: an assembly of LEDs on a printed square or rectangular circuit board, with optical elements and thermal and mechanical interfaces.

| Led by | Typology | actual LED wattage | ID abbreviation | Kelvin | SDMC (binning) K Tolerance | | CRI | Nominal Lumen | Hot Lumen | lm/watt LED Nominal | lm/watt LED Hot | Power consumption LED+DRIVER | lm/Watt Nominal LED+DRIVER | lm/Watt Hot LED+DRIVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **17W** | ARRAY | 17,5W | HQ | 3000 | SDMC <3 | +/- 50k | >90 | 1235 | 1073 | 71 | 61 | 21W | 58,8 | 51,1 |
| | | | WW | 3000 | | | >80 | 1545 | 1346 | 88 | 77 | | 73,6 | 64,1 |
| | | | NN | 4000 | | | >80 | 1670 | 1453 | 97 | 84 | | 79,5 | 69,2 |
| **21W** | ARRAY | 21W | HW | 2700 | SDMC <3 | +/- 50k | >90 | 1789 | 1612 | 85 | 77 | 23,5W | 76,1 | 68,5 |
| | | | HQ | 3000 | | | >90 | 2150 | 1935 | 102 | 92 | | 91,4 | 82,3 |
| | | | WW | 3000 | | | >80 | 2436 | 2363 | 116 | 113 | | 103,6 | 100,5 |
| | | | NN | 4000 | | | >80 | 2613 | 2352 | 124 | 112 | | 111,1 | 1000,0 |
| **31W** | ARRAY | 31,2W | HQ | 3000 | SDMC <3 | +/- 50k | >90 | 2240 | 1947 | 72 | 62 | 35,1W | 63,8 | 55,5 |
| | | | WW | 3000 | | | >80 | 2800 | 2439 | 90 | 78 | | 79,8 | 69,5 |
| | | | NN | 4000 | | | >80 | 3025 | 2632 | 97 | 84 | | 86,2 | 75,0 |
| **32W** | ARRAY | 32W | HW | 2700 | SDMC <3 | +/- 50k | >90 | 2913 | 2625 | 91 | 82 | 35,8W | 81,3 | 73,2 |
| | | | HQ | 3000 | | | >90 | 3500 | 3150 | 109 | 98 | | 97,7 | 87,9 |
| | | | WW | 3000 | | | >80 | 4012 | 3892 | 125 | 122 | | 111,9 | 108,6 |
| | | | NN | 4000 | | | >80 | 4105 | 3695 | 128 | 116 | | 114,5 | 103,1 |
| **33W** | ARRAY | 33W | HW | 2700 | SDMC <3 | +/- 50k | >90 | 2797 | 2520 | 85 | 76 | 37W | 75,7 | 68,2 |
| | | | HQ | 3000 | | | >90 | 3360 | 3024 | 102 | 92 | | 90,9 | 81,8 |
| | | | WW | 3000 | | | >80 | 3818 | 3703 | 116 | 112 | | 103,3 | 100,2 |
| | | | NN | 4000 | | | >80 | 4096 | 3686 | 124 | 112 | | 110,8 | 99,7 |

**LED LINEAR**: an assembly of LEDs on a stamped linear circuit board with optical elements and thermal and mechanical interfaces.

| Led by | Typology | actual LED wattage | ID abbreviation | Kelvin | SDMC (binning) K Tolerance | | CRI | Nominal Lumen | Hot Lumen | lm/watt LED Nominal | lm/watt LED Hot | Power consumption LED+DRIVER | lm/Watt Nominal LED+DRIVER | lm/Watt Hot LED+DRIVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3W | LINEARE | 12V | HW | 2700 | SDMC <3 | +/-50k | >85 | 355 | 337 | 118,3 | 112,4 | 4,5W | 78,9 | 74,9 |
| | | | WW | 3000 | | | >85 | 370 | 352 | 123,3 | 117,2 | | 82,2 | 78,1 |
| | | | NN | 4000 | | | >85 | 390 | 371 | 130,0 | 123,5 | | 86,7 | 82,3 |
| 6W | LINEARE | 12V | HW | 2700 | SDMC <3 | +/-50k | >85 | 710 | 675 | 118,3 | 112,4 | 8W | 88,8 | 84,3 |
| | | | WW | 3000 | | | >85 | 740 | 703 | 123,3 | 117,2 | | 92,5 | 87,9 |
| | | | NN | 4000 | | | >85 | 780 | 741 | 130,0 | 123,5 | | 97,5 | 92,6 |
| 9W | LINEARE | 12V | HW | 2700 | SDMC <3 | +/-50k | >85 | 1066 | 1013 | 118,4 | 112,5 | 12W | 88,8 | 84,4 |
| | | | WW | 3000 | | | >85 | 1110 | 1055 | 123,3 | 117,2 | | 92,5 | 87,9 |
| | | | NN | 4000 | | | >85 | 1170 | 1112 | 130,0 | 123,5 | | 97,5 | 92,6 |
| 12W | LINEARE | 12V | HW | 2700 | SDMC <3 | +/-50k | >85 | 1421 | 1350 | 118,4 | 112,5 | 16W | 88,8 | 84,4 |
| | | | WW | 3000 | | | >85 | 1480 | 1406 | 123,3 | 117,2 | | 92,5 | 87,9 |
| | | | NN | 4000 | | | >85 | 1560 | 1482 | 130,0 | 123,5 | | 97,5 | 92,6 |
| 4,5W | LINEARE | 24V | HW | 2700 | SDMC <3 | +/-50k | >85 | 528 | 502 | 117,3 | 111,5 | 7W | 75,4 | 71,7 |
| | | | WW | 3000 | | | >85 | 550 | 523 | 122,2 | 116,1 | | 78,6 | 74,6 |
| | | | NN | 4000 | | | >85 | 585 | 556 | 130,0 | 123,5 | | 83,6 | 79,4 |
| 9W | LINEARE | 24V | HW | 2700 | SDMC <3 | +/-50k | >85 | 1056 | 1003 | 117,3 | 111,5 | 12W | 88,0 | 83,6 |
| | | | WW | 3000 | | | >85 | 1100 | 1045 | 122,2 | 116,1 | | 91,7 | 87,1 |
| | | | NN | 4000 | | | >85 | 1170 | 1112 | 130,0 | 123,5 | | 97,5 | 92,7 |
| 13,5W | LINEARE | 24V | HW | 2700 | SDMC <3 | +/-50k | >85 | 1584 | 1505 | 117,3 | 111,5 | 17,5W | 90,5 | 86,0 |
| | | | WW | 3000 | | | >85 | 1650 | 1568 | 122,2 | 116,1 | | 94,3 | 89,6 |
| | | | NN | 4000 | | | >85 | 1755 | 1667 | 130,0 | 123,5 | | 100,3 | 95,3 |
| 18W | LINEARE | 24V | HW | 2700 | SDMC <3 | +/-50k | >85 | 2112 | 2006 | 117,3 | 111,5 | 24W | 88,0 | 83,6 |
| | | | WW | 3000 | | | >85 | 2200 | 2090 | 122,2 | 116,1 | | 91,7 | 87,1 |
| | | | NN | 4000 | | | >85 | 2330 | 2214 | 129,4 | 123,0 | | 97,1 | 92,3 |
| 27W | LINEARE | 24V | HW | 2700 | SDMC <3 | +/-50k | >85 | 3168 | 3010 | 117,3 | 111,5 | 34W | 93,2 | 88,5 |
| | | | WW | 3000 | | | >85 | 3300 | 3135 | 122,2 | 116,1 | | 97,1 | 92,2 |
| | | | NN | 4000 | | | >85 | 3500 | 3325 | 129,6 | 123,1 | | 102,9 | 97,8 |
| 54W | LINEARE | 24V | HW | 2700 | SDMC <3 | +/-50k | >85 | 6336 | 6019 | 117,3 | 111,5 | 62W | 102,2 | 97,1 |
| | | | WW | 3000 | | | >85 | 6600 | 6270 | 122,2 | 116,1 | | 106,5 | 101,1 |
| | | | NN | 4000 | | | >85 | 6995 | 6645 | 129,5 | 123,1 | | 112,8 | 107,2 |

• 50 •

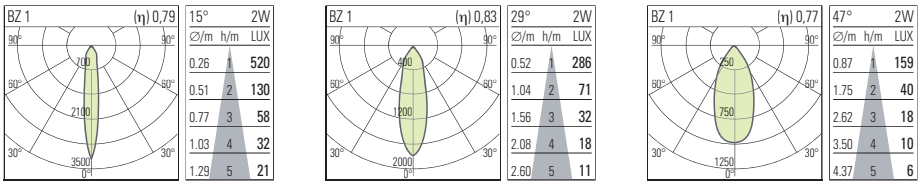
IOS reflectors with Ø 50 mm (**LL1**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%).
There are also versions with selective filters for lighting foodstuffs.

3 W

LED
IOS
LL1

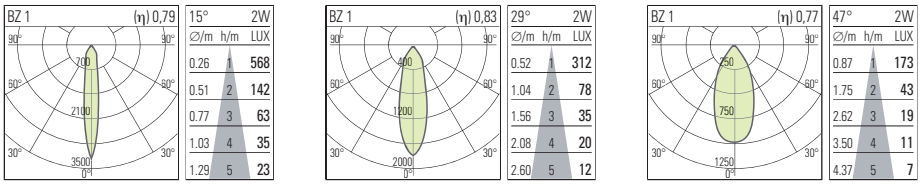
**180 lm [WW]**

| Ø.35ØØ5.ØØ | 1 | Ø.35ØØ6.ØØ | 2 | Ø.35ØØ7.ØØ | 3 |
|---|---|---|---|---|---|




**197 lm [NN]**

| Ø.35ØØ5.ØØ | 1 | Ø.35ØØ6.ØØ | 2 | Ø.35ØØ7.ØØ | 3 |
|---|---|---|---|---|---|



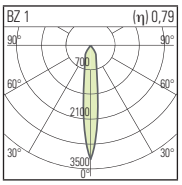
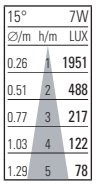
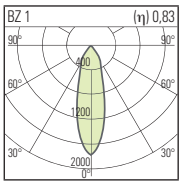
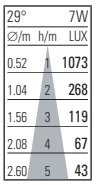
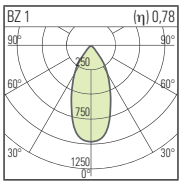
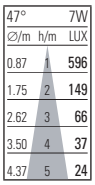
• 50 •

IOS reflectors with Ø 50 mm (**LL1**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%).
There are also versions with selective filters for lighting foodstuffs.

**7 W**

**LED IOS LL1**

**633 lm [HW]**

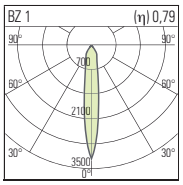
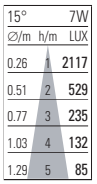
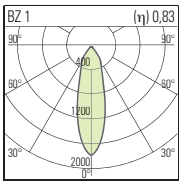
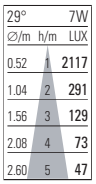
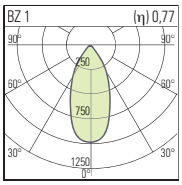
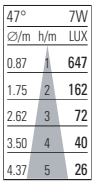
| Ø.35ØØ5.ØØ | 1 | Ø.35ØØ6.ØØ | 2 | Ø.35ØØ7.ØØ | 3 |
|---|---|---|---|---|---|
|  |  |  |  |  |  |







**688 lm [HQ]**

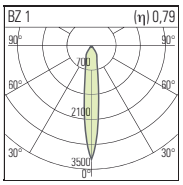
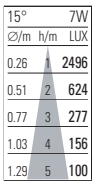
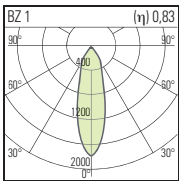
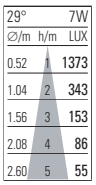
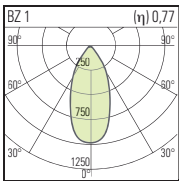
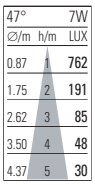
| Ø.35ØØ5.ØØ | 1 | Ø.35ØØ6.ØØ | 2 | Ø.35ØØ7.ØØ | 3 |
|---|---|---|---|---|---|
|  |  |  |  |  |  |







**810 lm [WW]**

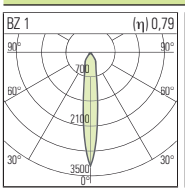
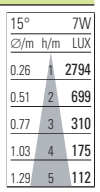
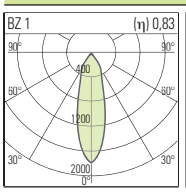
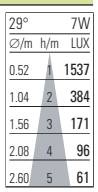
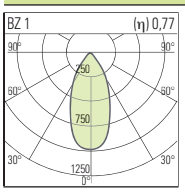
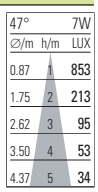
| Ø.35ØØ5.ØØ | 1 | Ø.35ØØ6.ØØ | 2 | Ø.35ØØ7.ØØ | 3 |
|---|---|---|---|---|---|
|  |  |  |  |  |  |







**907 lm [NN]**

| Ø.35ØØ5.ØØ | 1 | Ø.35ØØ6.ØØ | 2 | Ø.35ØØ7.ØØ | 3 |
|---|---|---|---|---|---|
|  |  |  |  |  |  |

• 50 •

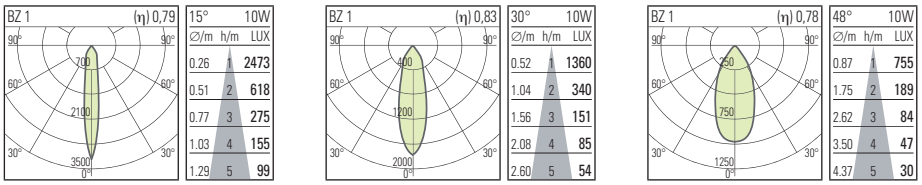
IOS reflectors with Ø 50 mm (**LL1**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%).
There are also versions with selective filters for lighting foodstuffs.

10 W

LED
IOS
LL1

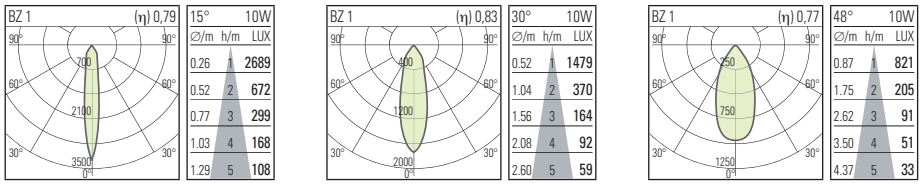
## 771 lm [HW]

| Ø.35ØØ5.ØØ | 1 | Ø.35ØØ6.ØØ | 2 | Ø.35ØØ7.ØØ | 3 |
|---|---|---|---|---|---|



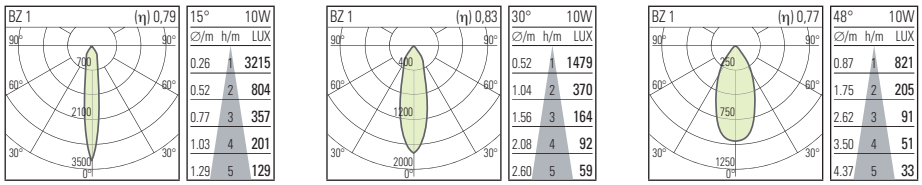

## 873 lm [HQ]

| Ø.35ØØ5.ØØ | 1 | Ø.35ØØ6.ØØ | 2 | Ø.35ØØ7.ØØ | 3 |
|---|---|---|---|---|---|



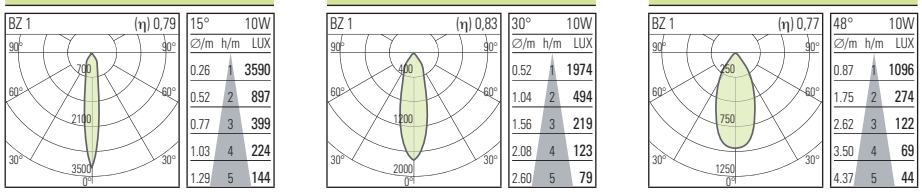

## 1044 lm [WW]

| Ø.35ØØ5.ØØ | 1 | Ø.35ØØ6.ØØ | 2 | Ø.35ØØ7.ØØ | 3 |
|---|---|---|---|---|---|




## 1166 lm [NN]

| Ø.35ØØ5.ØØ | 1 | Ø.35ØØ6.ØØ | 2 | Ø.35ØØ7.ØØ | 3 |
|---|---|---|---|---|---|

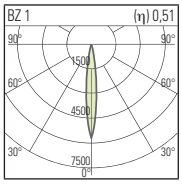


TobuLed incorporates the best high efficiency LEDs (up to 860 lm, 126 lm/W) with varying tones of excellent white (2700K-3000K-4000K, CRI from 84 to 93). Lifetime: more than 50,000 hours (maintaining 70% of the initial luminous flux).
Reflectors made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%).

**7 W**

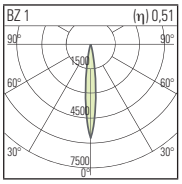
**LED**

### 608 lm [HW] — BE110



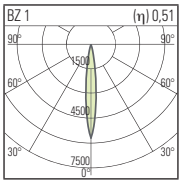

| 13° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.22 | 1 | 3474 |
| 0.44 | 2 | 869 |
| 0.67 | 3 | 386 |
| 0.89 | 4 | 217 |
| 1.11 | 5 | 139 |

### 660 lm [HQ] — BE110



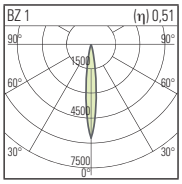

| 13° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.22 | 1 | 3771 |
| 0.44 | 2 | 943 |
| 0.67 | 3 | 419 |
| 0.89 | 4 | 236 |
| 1.11 | 5 | 151 |

### 778 lm [WW] — BE110



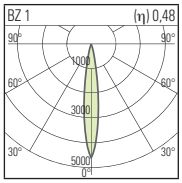

| 13° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.22 | 1 | 4446 |
| 0.44 | 2 | 1111 |
| 0.67 | 3 | 494 |
| 0.89 | 4 | 278 |
| 1.11 | 5 | 178 |

### 871 lm [NN] — BE110



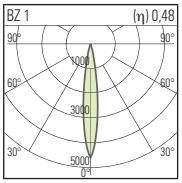

| 13° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.22 | 1 | 4977 |
| 0.44 | 2 | 1244 |
| 0.67 | 3 | 553 |
| 0.89 | 4 | 311 |
| 1.11 | 5 | 199 |

### 608 lm [HW] — CE110



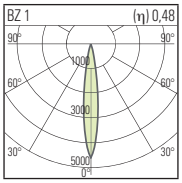

| 14° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.25 | 1 | 2834 |
| 0.50 | 2 | 708 |
| 0.76 | 3 | 315 |
| 1.01 | 4 | 177 |
| 1.26 | 5 | 113 |

### 660 lm [HQ] — CE110



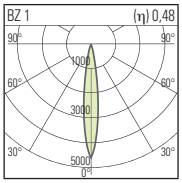

| 14° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.25 | 1 | 3076 |
| 0.50 | 2 | 769 |
| 0.76 | 3 | 342 |
| 1.01 | 4 | 192 |
| 1.26 | 5 | 123 |

### 778 lm [WW] — CE110



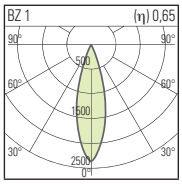

| 14° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.25 | 1 | 3626 |
| 0.50 | 2 | 907 |
| 0.76 | 3 | 403 |
| 1.01 | 4 | 227 |
| 1.26 | 5 | 145 |

### 871 lm [NN] — CE110



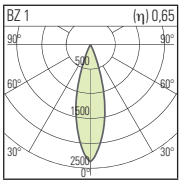

| 14° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.25 | 1 | 4060 |
| 0.50 | 2 | 1015 |
| 0.76 | 3 | 451 |
| 1.01 | 4 | 254 |
| 1.26 | 5 | 162 |

### 608 lm [HW] — DE110



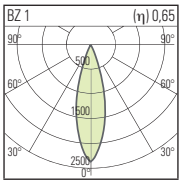

| 28° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.51 | 1 | 1417 |
| 1.01 | 2 | 354 |
| 1.52 | 3 | 157 |
| 2.03 | 4 | 89 |
| 2.54 | 5 | 57 |

### 660 lm [HQ] — DE110



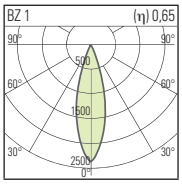

| 28° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.51 | 1 | 1538 |
| 1.01 | 2 | 385 |
| 1.52 | 3 | 171 |
| 2.03 | 4 | 96 |
| 2.54 | 5 | 62 |

### 778 lm [WW] — DE110



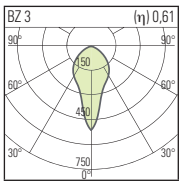

| 28° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.51 | 1 | 1813 |
| 1.01 | 2 | 453 |
| 1.52 | 3 | 201 |
| 2.03 | 4 | 113 |
| 2.54 | 5 | 73 |

### 871 lm [NN] — DE110



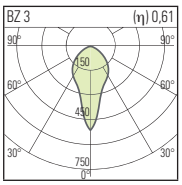

| 28° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.51 | 1 | 2030 |
| 1.01 | 2 | 508 |
| 1.52 | 3 | 226 |
| 2.03 | 4 | 127 |
| 2.54 | 5 | 81 |

### 608 lm [HW] — FE110



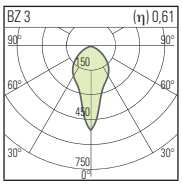

| 36° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.65 | 1 | 317 |
| 1.29 | 2 | 79 |
| 1.94 | 3 | 35 |
| 2.58 | 4 | 20 |
| 3.23 | 5 | 13 |

### 660 lm [HQ] — FE110



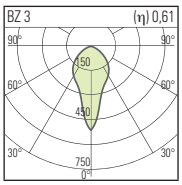

| 36° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.65 | 1 | 344 |
| 1.29 | 2 | 86 |
| 1.94 | 3 | 38 |
| 2.58 | 4 | 21 |
| 3.23 | 5 | 14 |

### 778 lm [WW] — FE110



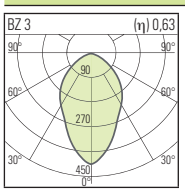

| 36° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.65 | 1 | 405 |
| 1.29 | 2 | 101 |
| 1.94 | 3 | 45 |
| 2.58 | 4 | 25 |
| 3.23 | 5 | 16 |

### 871 lm [NN] — FE110



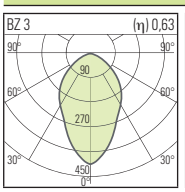

| 36° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.65 | 1 | 454 |
| 1.29 | 2 | 113 |
| 1.94 | 3 | 50 |
| 2.58 | 4 | 28 |
| 3.23 | 5 | 18 |

### 608 lm [HW] — GE110



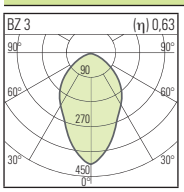

| 68° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.35 | 1 | 250 |
| 2.70 | 2 | 63 |
| 4.05 | 3 | 28 |
| 5.40 | 4 | 16 |
| 6.75 | 5 | 10 |

### 660 lm [HQ] — GE110



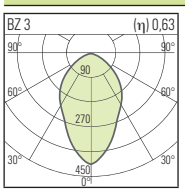

| 68° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.35 | 1 | 272 |
| 2.70 | 2 | 68 |
| 4.05 | 3 | 30 |
| 5.40 | 4 | 17 |
| 6.75 | 5 | 11 |

### 778 lm [WW] — GE110



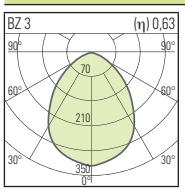

| 68° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.35 | 1 | 320 |
| 2.70 | 2 | 80 |
| 4.05 | 3 | 36 |
| 5.40 | 4 | 20 |
| 6.75 | 5 | 13 |

### 871 lm [NN] — GE110



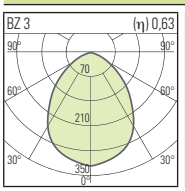

| 68° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.35 | 1 | 359 |
| 2.70 | 2 | 90 |
| 4.05 | 3 | 40 |
| 5.40 | 4 | 22 |
| 6.75 | 5 | 14 |

### 608 lm [HW] — HE110



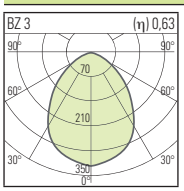

| 86° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.87 | 1 | 195 |
| 3.73 | 2 | 49 |
| 5.60 | 3 | 22 |
| 7.46 | 4 | 12 |
| 9.33 | 5 | 8 |

### 660 lm [HQ] — HE110



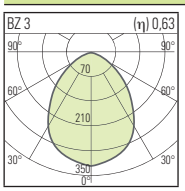

| 86° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.87 | 1 | 211 |
| 3.73 | 2 | 53 |
| 5.60 | 3 | 23 |
| 7.46 | 4 | 13 |
| 9.33 | 5 | 8 |

### 778 lm [WW] — HE110

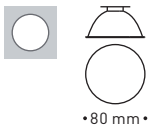



| 86° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.87 | 1 | 249 |
| 3.73 | 2 | 62 |
| 5.60 | 3 | 28 |
| 7.46 | 4 | 16 |
| 9.33 | 5 | 10 |

### 871 lm [NN] — HE110




| 86° | 7W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.87 | 1 | 279 |
| 3.73 | 2 | 70 |
| 5.60 | 3 | 31 |
| 7.46 | 4 | 17 |
| 9.33 | 5 | 11 |

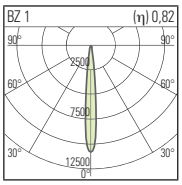



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

13 W
LED
IOS
LL2

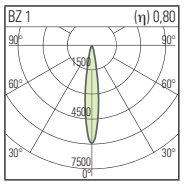
## 1148 lm [HW]

### Ø.35Ø5Ø.ØØ A



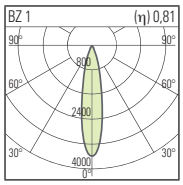

| 11° | 13W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.19 | 1 | 11492 |
| 0.38 | 2 | 2873 |
| 0.57 | 3 | 1277 |
| 0.76 | 4 | 718 |
| 0.96 | 5 | 460 |

### Ø.35Ø49.ØØ B



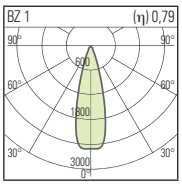

| 15° | 13W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.27 | 1 | 6495 |
| 0.54 | 2 | 1624 |
| 0.81 | 3 | 722 |
| 1.08 | 4 | 406 |
| 1.35 | 5 | 260 |

### Ø.35Ø51.ØØ C



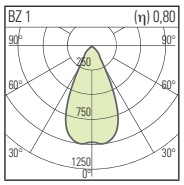

| 21° | 13W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.37 | 1 | 3911 |
| 0.74 | 2 | 978 |
| 1.11 | 3 | 435 |
| 1.48 | 4 | 244 |
| 1.86 | 5 | 156 |

### Ø.35Ø52.ØØ D



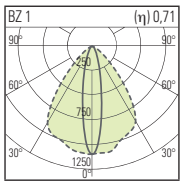

| 29° | 13W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.52 | 1 | 2721 |
| 1.03 | 2 | 680 |
| 1.55 | 3 | 302 |
| 2.07 | 4 | 170 |
| 2.58 | 5 | 109 |

### Ø.35Ø53.ØØ E




| 51° | 13W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.96 | 1 | 1085 |
| 1.92 | 2 | 271 |
| 2.87 | 3 | 121 |
| 3.83 | 4 | 68 |
| 4.79 | 5 | 43 |

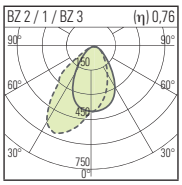
### Ø.35Ø54.ØØ F (Mira)




| 78° | 13W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.61 | 1 | 1197 |
| 3.23 | 2 | 299 |
| 4.84 | 3 | 133 |
| 6.46 | 4 | 75 |
| 8.07 | 5 | 48 |

| 20° | 13W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.36 | 1 | 1197 |
| 0.72 | 2 | 299 |
| 1.08 | 3 | 133 |
| 1.43 | 4 | 75 |
| 1.79 | 5 | 48 |

### Ø.35Ø59.ØØ H (Wall Washer)

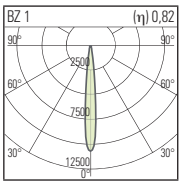



| 61° | 13W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.33 | 1 | 500 |
| 2.67 | 2 | 125 |
| 4.00 | 3 | 56 |
| 5.34 | 4 | 31 |
| 6.67 | 5 | 20 |

| 72° | 13W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.60 | 1 | 500 |
| 3.20 | 2 | 125 |
| 4.80 | 3 | 56 |
| 6.40 | 4 | 31 |
| 8.00 | 5 | 20 |

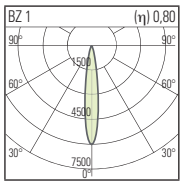
## 1221 lm [HQ]

### Ø.35Ø5Ø.ØØ A



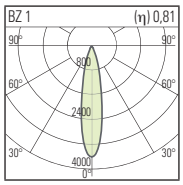

| 11° | 13W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.19 | 1 | 12010 |
| 0.38 | 2 | 3055 |
| 0.57 | 3 | 1358 |
| 0.76 | 4 | 764 |
| 0.95 | 5 | 489 |

### Ø.35Ø49.ØØ B



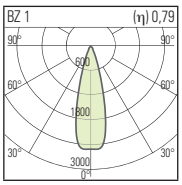

| 15° | 13W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.27 | 1 | 6906 |
| 0.54 | 2 | 1726 |
| 0.81 | 3 | 767 |
| 1.08 | 4 | 432 |
| 1.35 | 5 | 276 |

### Ø.35Ø51.ØØ C



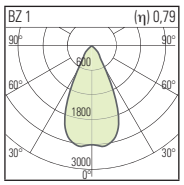

| 21° | 13W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.37 | 1 | 4159 |
| 0.74 | 2 | 1040 |
| 1.11 | 3 | 462 |
| 1.48 | 4 | 260 |
| 1.86 | 5 | 166 |

### Ø.35Ø52.ØØ D



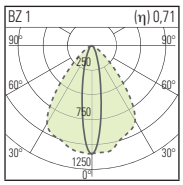

| 29° | 13W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.52 | 1 | 2893 |
| 1.03 | 2 | 723 |
| 1.55 | 3 | 321 |
| 2.07 | 4 | 181 |
| 2.58 | 5 | 116 |

### Ø.35Ø53.ØØ E




| 51° | 13W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.96 | 1 | 1153 |
| 1.92 | 2 | 288 |
| 2.87 | 3 | 128 |
| 3.83 | 4 | 72 |
| 4.79 | 5 | 46 |

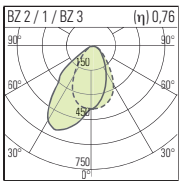
### Ø.35Ø54.ØØ F (Mira)




| 78° | 13W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.61 | 1 | 1273 |
| 3.23 | 2 | 318 |
| 4.84 | 3 | 141 |
| 6.46 | 4 | 80 |
| 8.07 | 5 | 51 |

| 20° | 13W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.36 | 1 | 1273 |
| 0.72 | 2 | 318 |
| 1.08 | 3 | 141 |
| 1.43 | 4 | 80 |
| 1.79 | 5 | 51 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 61° | 13W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.33 | 1 | 531 |
| 2.67 | 2 | 133 |
| 4.00 | 3 | 59 |
| 5.34 | 4 | 33 |
| 6.67 | 5 | 21 |

| 72° | 13W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.60 | 1 | 531 |
| 3.20 | 2 | 133 |
| 4.80 | 3 | 59 |
| 6.40 | 4 | 33 |
| 8.00 | 5 | 21 |

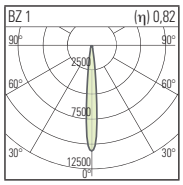



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

13 W
LED
IOS
LL2

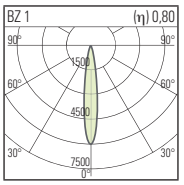
## 1500 lm [WW]

### Ø.35Ø5Ø.ØØ A



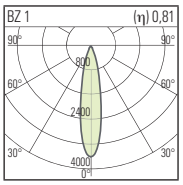

| 11° | 13W |
|---|---|
| ∅/m | h/m | LUX |
| 0.19 | 1 | 15010 |
| 0.38 | 2 | 3752 |
| 0.57 | 3 | 1668 |
| 0.76 | 4 | 938 |
| 0.95 | 5 | 600 |

### Ø.35Ø49.ØØ B



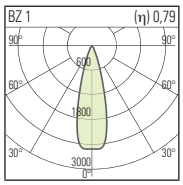

| 15° | 13W |
|---|---|
| ∅/m | h/m | LUX |
| 0.27 | 1 | 8483 |
| 0.54 | 2 | 2121 |
| 0.81 | 3 | 943 |
| 1.08 | 4 | 530 |
| 1.35 | 5 | 339 |

### Ø.35Ø51.ØØ C



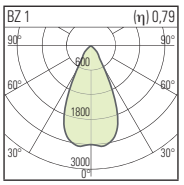

| 21° | 13W |
|---|---|
| ∅/m | h/m | LUX |
| 0.37 | 1 | 5109 |
| 0.74 | 2 | 1277 |
| 1.11 | 3 | 568 |
| 1.48 | 4 | 319 |
| 1.86 | 5 | 204 |

### Ø.35Ø52.ØØ D



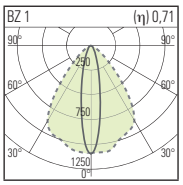

| 29° | 13W |
|---|---|
| ∅/m | h/m | LUX |
| 0.52 | 1 | 3554 |
| 1.03 | 2 | 888 |
| 1.55 | 3 | 395 |
| 2.07 | 4 | 222 |
| 2.58 | 5 | 142 |

### Ø.35Ø53.ØØ E




| 51° | 13W |
|---|---|
| ∅/m | h/m | LUX |
| 0.96 | 1 | 1417 |
| 1.92 | 2 | 354 |
| 2.87 | 3 | 157 |
| 3.83 | 4 | 89 |
| 4.79 | 5 | 57 |

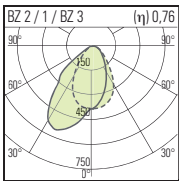
### Ø.35Ø54.ØØ F (Mira)




| 78° | 13W |
|---|---|
| ∅/m | h/m | LUX |
| 1.61 | 1 | 1564 |
| 3.23 | 2 | 391 |
| 4.84 | 3 | 174 |
| 6.46 | 4 | 98 |
| 8.07 | 5 | 63 |

| 20° | 13W |
|---|---|
| ∅/m | h/m | LUX |
| 0.36 | 1 | 1564 |
| 0.72 | 2 | 391 |
| 1.08 | 3 | 174 |
| 1.43 | 4 | 98 |
| 1.79 | 5 | 63 |

### Ø.35Ø59.ØØ H (Wall Washer)

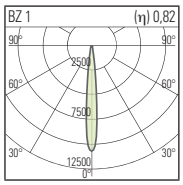



| 61° | 13W |
|---|---|
| ∅/m | h/m | LUX |
| 1.33 | 1 | 652 |
| 2.67 | 2 | 163 |
| 4.00 | 3 | 72 |
| 5.34 | 4 | 41 |
| 6.67 | 5 | 26 |

| 72° | 13W |
|---|---|
| ∅/m | h/m | LUX |
| 1.60 | 1 | 652 |
| 3.20 | 2 | 163 |
| 4.80 | 3 | 72 |
| 6.40 | 4 | 41 |
| 8.00 | 5 | 26 |

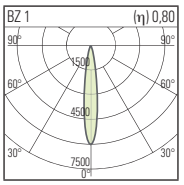
## 1661 lm [NN]

### Ø.35Ø5Ø.ØØ A



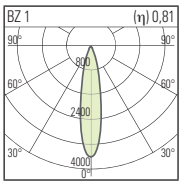

| 11° | 13W |
|---|---|
| ∅/m | h/m | LUX |
| 0.19 | 1 | 16621 |
| 0.38 | 2 | 4155 |
| 0.57 | 3 | 1847 |
| 0.76 | 4 | 1039 |
| 0.95 | 5 | 665 |

### Ø.35Ø49.ØØ B



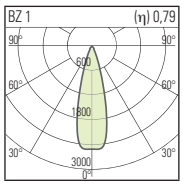

| 15° | 13W |
|---|---|
| ∅/m | h/m | LUX |
| 0.27 | 1 | 9394 |
| 0.54 | 2 | 2349 |
| 0.81 | 3 | 1044 |
| 1.08 | 4 | 587 |
| 1.35 | 5 | 376 |

### Ø.35Ø51.ØØ C



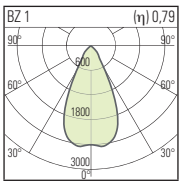

| 21° | 13W |
|---|---|
| ∅/m | h/m | LUX |
| 0.37 | 1 | 5657 |
| 0.74 | 2 | 1414 |
| 1.11 | 3 | 629 |
| 1.48 | 4 | 354 |
| 1.86 | 5 | 226 |

### Ø.35Ø52.ØØ D



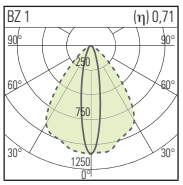

| 15° | 13W |
|---|---|
| ∅/m | h/m | LUX |
| 0.52 | 1 | 3935 |
| 1.03 | 2 | 984 |
| 1.55 | 3 | 437 |
| 2.07 | 4 | 246 |
| 2.58 | 5 | 157 |

### Ø.35Ø53.ØØ E




| 51° | 13W |
|---|---|
| ∅/m | h/m | LUX |
| 0.96 | 1 | 1569 |
| 1.92 | 2 | 392 |
| 2.87 | 3 | 174 |
| 3.83 | 4 | 98 |
| 4.79 | 5 | 63 |

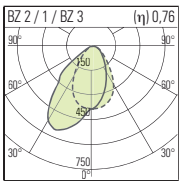
### Ø.35Ø54.ØØ F (Mira)




| 78° | 13W |
|---|---|
| ∅/m | h/m | LUX |
| 1.61 | 1 | 1732 |
| 3.23 | 2 | 433 |
| 4.84 | 3 | 192 |
| 6.46 | 4 | 108 |
| 8.07 | 5 | 69 |

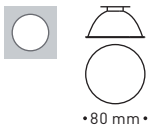
| 20° | 13W |
|---|---|
| ∅/m | h/m | LUX |
| 0.36 | 1 | 1732 |
| 0.72 | 2 | 433 |
| 1.08 | 3 | 192 |
| 1.43 | 4 | 108 |
| 1.79 | 5 | 69 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 61° | 13W |
|---|---|
| ∅/m | h/m | LUX |
| 1.33 | 1 | 722 |
| 2.67 | 2 | 181 |
| 4.00 | 3 | 80 |
| 5.34 | 4 | 45 |
| 6.67 | 5 | 29 |

| 72° | 13W |
|---|---|
| ∅/m | h/m | LUX |
| 1.60 | 1 | 722 |
| 3.20 | 2 | 181 |
| 4.80 | 3 | 80 |
| 6.40 | 4 | 45 |
| 8.00 | 5 | 29 |

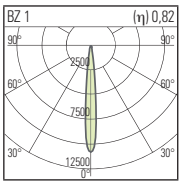



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

**18 W**
**LED IOS LL2**

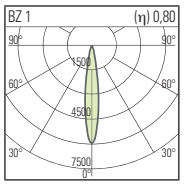
## 1631 lm [HQ]

### Ø.35Ø5Ø.ØØ A



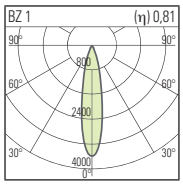

| 11° | 18W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.19 | 1 | 16495 |
| 0.38 | 2 | 4124 |
| 0.57 | 3 | 1833 |
| 0.76 | 4 | 1031 |
| 0.96 | 5 | 660 |

### Ø.35Ø49.ØØ B



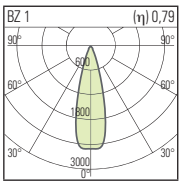

| 15° | 18W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.27 | 1 | 9323 |
| 0.54 | 2 | 2331 |
| 0.81 | 3 | 1036 |
| 1.08 | 4 | 583 |
| 1.35 | 5 | 373 |

### Ø.35Ø51.ØØ C



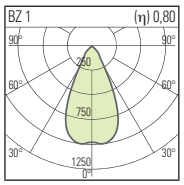

| 21° | 18W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.37 | 1 | 5614 |
| 0.74 | 2 | 1404 |
| 1.11 | 3 | 624 |
| 1.48 | 4 | 351 |
| 1.86 | 5 | 225 |

### Ø.35Ø52.ØØ D



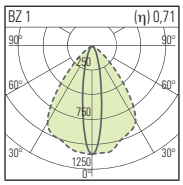

| 29° | 18W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.52 | 1 | 3905 |
| 1.03 | 2 | 976 |
| 1.55 | 3 | 434 |
| 2.07 | 4 | 244 |
| 2.58 | 5 | 156 |

### Ø.35Ø53.ØØ E




| 51° | 18W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.96 | 1 | 1557 |
| 1.92 | 2 | 389 |
| 2.87 | 3 | 173 |
| 3.83 | 4 | 97 |
| 4.79 | 5 | 62 |

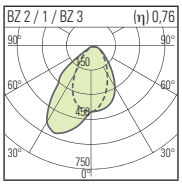
### Ø.35Ø54.ØØ F (Mira)




| 78° | 18W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.61 | 1 | 1719 |
| 3.23 | 2 | 430 |
| 4.84 | 3 | 191 |
| 6.46 | 4 | 107 |
| 8.07 | 5 | 69 |

| 20° | 18W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.36 | 1 | 1719 |
| 0.72 | 2 | 430 |
| 1.08 | 3 | 191 |
| 1.43 | 4 | 107 |
| 1.79 | 5 | 69 |

### Ø.35Ø59.ØØ H (Wall Washer)

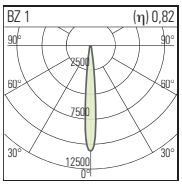



| 61° | 18W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.33 | 1 | 717 |
| 2.67 | 2 | 179 |
| 4.00 | 3 | 80 |
| 5.34 | 4 | 45 |
| 6.67 | 5 | 29 |

| 72° | 18W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.60 | 1 | 717 |
| 3.20 | 2 | 179 |
| 4.80 | 3 | 80 |
| 6.40 | 4 | 45 |
| 8.00 | 5 | 29 |

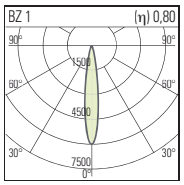
## 1735 lm [HQ]

### Ø.35Ø5Ø.ØØ A



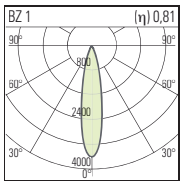

| 11° | 18W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.19 | 1 | 17549 |
| 0.38 | 2 | 4387 |
| 0.57 | 3 | 1950 |
| 0.76 | 4 | 1097 |
| 0.96 | 5 | 702 |

### Ø.35Ø49.ØØ B



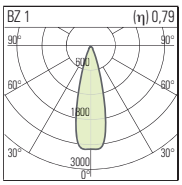

| 15° | 18W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.27 | 1 | 9918 |
| 0.54 | 2 | 2480 |
| 0.81 | 3 | 1102 |
| 1.08 | 4 | 620 |
| 1.35 | 5 | 397 |

### Ø.35Ø51.ØØ C



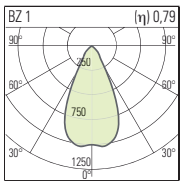

| 21° | 18W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.37 | 1 | 5973 |
| 0.74 | 2 | 1493 |
| 1.11 | 3 | 664 |
| 1.48 | 4 | 373 |
| 1.86 | 5 | 239 |

### Ø.35Ø52.ØØ D



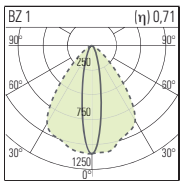

| 29° | 18W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.52 | 1 | 4155 |
| 1.03 | 2 | 1039 |
| 1.55 | 3 | 462 |
| 2.07 | 4 | 260 |
| 2.58 | 5 | 166 |

### Ø.35Ø53.ØØ E




| 51° | 18W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.96 | 1 | 1656 |
| 1.92 | 2 | 414 |
| 2.87 | 3 | 184 |
| 3.83 | 4 | 104 |
| 4.79 | 5 | 66 |

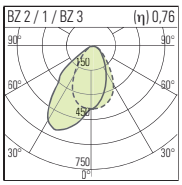
### Ø.35Ø54.ØØ F (Mira)




| 78° | 18W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.61 | 1 | 1828 |
| 3.23 | 2 | 457 |
| 4.84 | 3 | 203 |
| 6.46 | 4 | 114 |
| 8.07 | 5 | 73 |

| 20° | 18W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.36 | 1 | 1828 |
| 0.72 | 2 | 457 |
| 1.08 | 3 | 203 |
| 1.43 | 4 | 114 |
| 1.79 | 5 | 73 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 61° | 18W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.33 | 1 | 763 |
| 2.67 | 2 | 191 |
| 4.00 | 3 | 85 |
| 5.34 | 4 | 48 |
| 6.67 | 5 | 31 |

| 72° | 18W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.60 | 1 | 763 |
| 3.20 | 2 | 191 |
| 4.80 | 3 | 85 |
| 6.40 | 4 | 48 |
| 8.00 | 5 | 31 |

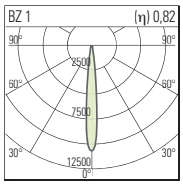



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

**18 W**
**LED IOS LL2**

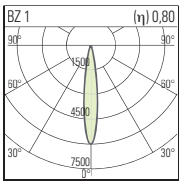
## 2257 lm [WW]

### Ø.35Ø5Ø.ØØ A



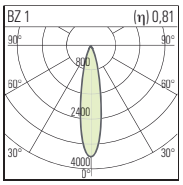

| 11° | | 18W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.19 | 1 | 22826 |
| 0.38 | 2 | 5706 |
| 0.57 | 3 | 2536 |
| 0.76 | 4 | 1427 |
| 0.96 | 5 | 913 |

### Ø.35Ø49.ØØ B



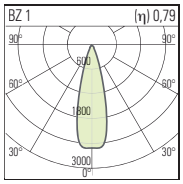

| 15° | | 18W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.27 | 1 | 12901 |
| 0.54 | 2 | 3225 |
| 0.81 | 3 | 1433 |
| 1.08 | 4 | 806 |
| 1.35 | 5 | 516 |

### Ø.35Ø51.ØØ C



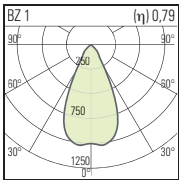

| 21° | | 18W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.37 | 1 | 7769 |
| 0.74 | 2 | 1942 |
| 1.11 | 3 | 863 |
| 1.48 | 4 | 486 |
| 1.86 | 5 | 311 |

### Ø.35Ø52.ØØ D



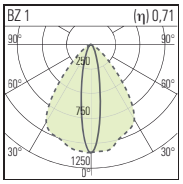

| 29° | | 18W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.52 | 1 | 5404 |
| 1.03 | 2 | 1351 |
| 1.55 | 3 | 600 |
| 2.07 | 4 | 338 |
| 2.58 | 5 | 216 |

### Ø.35Ø53.ØØ E




| 51° | | 18W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.96 | 1 | 2154 |
| 1.92 | 2 | 539 |
| 2.87 | 3 | 239 |
| 3.83 | 4 | 135 |
| 4.79 | 5 | 86 |

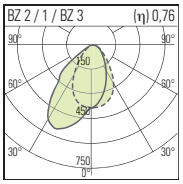
### Ø.35Ø54.ØØ F (Mira)




| 78° | | 18W |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.61 | 1 | 2375 |
| 3.23 | 2 | 595 |
| 4.84 | 3 | 264 |
| 6.46 | 4 | 149 |
| 8.07 | 5 | 95 |

| 20° | | 18W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.36 | 1 | 2375 |
| 0.72 | 2 | 595 |
| 1.08 | 3 | 264 |
| 1.43 | 4 | 149 |
| 1.79 | 5 | 95 |

### Ø.35Ø59.ØØ H (Wall Washer)

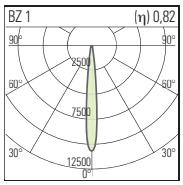



| 61° | | 18W |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.33 | 1 | 992 |
| 2.67 | 2 | 248 |
| 4.00 | 3 | 110 |
| 5.34 | 4 | 62 |
| 6.67 | 5 | 40 |

| 72° | | 18W |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.60 | 1 | 992 |
| 3.20 | 2 | 248 |
| 4.80 | 3 | 110 |
| 6.40 | 4 | 62 |
| 8.00 | 5 | 40 |

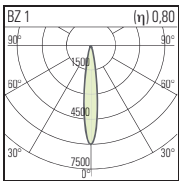
## 2355 lm [NN]

### Ø.35Ø5Ø.ØØ A



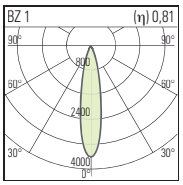

| 11° | | 18W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.19 | 1 | 23816 |
| 0.38 | 2 | 5954 |
| 0.57 | 3 | 2646 |
| 0.76 | 4 | 1489 |
| 0.96 | 5 | 953 |

### Ø.35Ø49.ØØ B



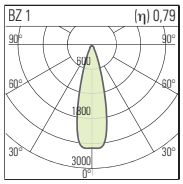

| 15° | | 18W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.27 | 1 | 13461 |
| 0.54 | 2 | 3365 |
| 0.81 | 3 | 1496 |
| 1.08 | 4 | 841 |
| 1.35 | 5 | 538 |

### Ø.35Ø51.ØØ C



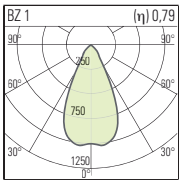

| 21° | | 18W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.37 | 1 | 8106 |
| 0.74 | 2 | 2026 |
| 1.11 | 3 | 901 |
| 1.48 | 4 | 507 |
| 1.86 | 5 | 324 |

### Ø.35Ø52.ØØ D



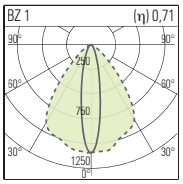

| 29° | | 18W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.52 | 1 | 5639 |
| 1.03 | 2 | 1410 |
| 1.55 | 3 | 627 |
| 2.07 | 4 | 352 |
| 2.58 | 5 | 266 |

### Ø.35Ø53.ØØ E




| 51° | | 18W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.96 | 1 | 2248 |
| 1.92 | 2 | 562 |
| 2.87 | 3 | 250 |
| 3.83 | 4 | 140 |
| 4.79 | 5 | 90 |

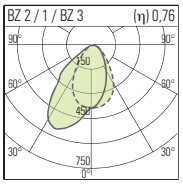
### Ø.35Ø54.ØØ F (Mira)




| 78° | | 18W |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.61 | 1 | 2481 |
| 3.23 | 2 | 620 |
| 4.84 | 3 | 276 |
| 6.46 | 4 | 155 |
| 8.07 | 5 | 99 |

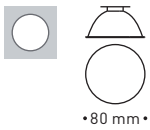
| 20° | | 18W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.36 | 1 | 2481 |
| 0.72 | 2 | 620 |
| 1.08 | 3 | 276 |
| 1.43 | 4 | 155 |
| 1.79 | 5 | 99 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 61° | | 18W |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.33 | 1 | 1035 |
| 2.67 | 2 | 259 |
| 4.00 | 3 | 115 |
| 5.34 | 4 | 65 |
| 6.67 | 5 | 41 |

| 72° | | 18W |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.60 | 1 | 1035 |
| 3.20 | 2 | 259 |
| 4.80 | 3 | 115 |
| 6.40 | 4 | 65 |
| 8.00 | 5 | 41 |

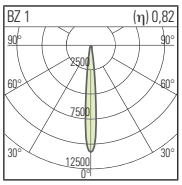



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

22 W
LED
IOS
LL2

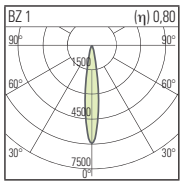
## 1916 lm [HW]

### Ø.35Ø5Ø.ØØ A



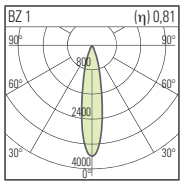

| 11° | 22W |
|---|---|
| Ø/m | h/m | LUX |
| 0.19 | 1 | 19171 |
| 0.38 | 2 | 4793 |
| 0.57 | 3 | 2130 |
| 0.76 | 4 | 1198 |
| 0.96 | 5 | 767 |

### Ø.35Ø49.ØØ B



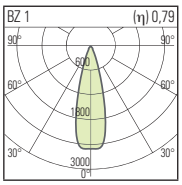

| 15° | 22W |
|---|---|
| Ø/m | h/m | LUX |
| 0.27 | 1 | 10835 |
| 0.54 | 2 | 2709 |
| 0.81 | 3 | 1204 |
| 1.08 | 4 | 677 |
| 1.35 | 5 | 433 |

### Ø.35Ø51.ØØ C



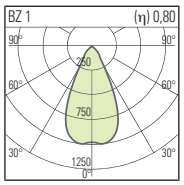

| 21° | 22W |
|---|---|
| Ø/m | h/m | LUX |
| 0.37 | 1 | 6525 |
| 0.74 | 2 | 1631 |
| 1.11 | 3 | 725 |
| 1.48 | 4 | 408 |
| 1.86 | 5 | 261 |

### Ø.35Ø52.ØØ D



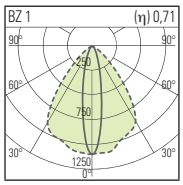

| 29° | 22W |
|---|---|
| Ø/m | h/m | LUX |
| 0.52 | 1 | 4539 |
| 1.03 | 2 | 1135 |
| 1.55 | 3 | 504 |
| 2.07 | 4 | 284 |
| 2.58 | 5 | 182 |

### Ø.35Ø53.ØØ E




| 51° | 22W |
|---|---|
| Ø/m | h/m | LUX |
| 0.96 | 1 | 1809 |
| 1.92 | 2 | 452 |
| 2.87 | 3 | 201 |
| 3.83 | 4 | 113 |
| 4.79 | 5 | 72 |

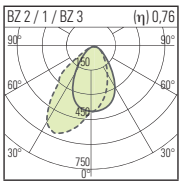
### Ø.35Ø54.ØØ F (Mira)




| 78° | 22W |
|---|---|
| Ø/m | h/m | LUX |
| 1.61 | 1 | 1997 |
| 3.23 | 2 | 499 |
| 4.84 | 3 | 222 |
| 6.46 | 4 | 125 |
| 8.07 | 5 | 80 |

| 20° | 22W |
|---|---|
| Ø/m | h/m | LUX |
| 0.36 | 1 | 1997 |
| 0.72 | 2 | 499 |
| 1.08 | 3 | 222 |
| 1.43 | 4 | 125 |
| 1.79 | 5 | 80 |

### Ø.35Ø59.ØØ H (Wall Washer)

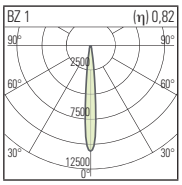



| 61° | 22W |
|---|---|
| Ø/m | h/m | LUX |
| 1.33 | 1 | 833 |
| 2.67 | 2 | 208 |
| 4.00 | 3 | 93 |
| 5.34 | 4 | 52 |
| 6.67 | 5 | 33 |

| 72° | 22W |
|---|---|
| Ø/m | h/m | LUX |
| 1.60 | 1 | 833 |
| 3.20 | 2 | 208 |
| 4.80 | 3 | 93 |
| 6.40 | 4 | 52 |
| 8.00 | 5 | 33 |

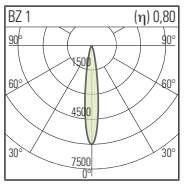
## 2038 lm [HQ]

### Ø.35Ø5Ø.ØØ A



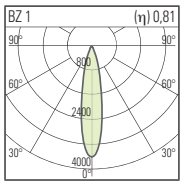

| 11° | 22W |
|---|---|
| Ø/m | h/m | LUX |
| 0.19 | 1 | 20392 |
| 0.38 | 2 | 5098 |
| 0.57 | 3 | 2266 |
| 0.76 | 4 | 1275 |
| 0.95 | 5 | 816 |

### Ø.35Ø49.ØØ B



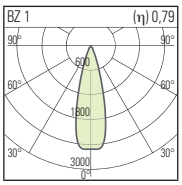

| 15° | 22W |
|---|---|
| Ø/m | h/m | LUX |
| 0.27 | 1 | 11525 |
| 0.54 | 2 | 2881 |
| 0.81 | 3 | 1281 |
| 1.08 | 4 | 720 |
| 1.35 | 5 | 461 |

### Ø.35Ø51.ØØ C



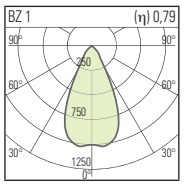

| 21° | 22W |
|---|---|
| Ø/m | h/m | LUX |
| 0.37 | 1 | 6941 |
| 0.74 | 2 | 1735 |
| 1.11 | 3 | 771 |
| 1.48 | 4 | 434 |
| 1.86 | 5 | 278 |

### Ø.35Ø52.ØØ D



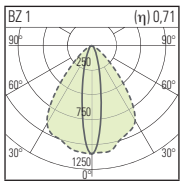

| 29° | 22W |
|---|---|
| Ø/m | h/m | LUX |
| 0.52 | 1 | 4828 |
| 1.03 | 2 | 1207 |
| 1.55 | 3 | 536 |
| 2.07 | 4 | 302 |
| 2.58 | 5 | 193 |

### Ø.35Ø53.ØØ E




| 51° | 22W |
|---|---|
| Ø/m | h/m | LUX |
| 0.96 | 1 | 1925 |
| 1.92 | 2 | 481 |
| 2.87 | 3 | 214 |
| 3.83 | 4 | 120 |
| 4.79 | 5 | 77 |

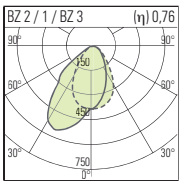
### Ø.35Ø54.ØØ F (Mira)




| 78° | 21W |
|---|---|
| Ø/m | h/m | LUX |
| 1.61 | 1 | 2125 |
| 3.23 | 2 | 531 |
| 4.84 | 3 | 236 |
| 6.46 | 4 | 133 |
| 8.07 | 5 | 85 |

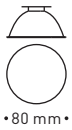
| 20° | 21W |
|---|---|
| Ø/m | h/m | LUX |
| 0.36 | 1 | 2125 |
| 0.72 | 2 | 531 |
| 1.08 | 3 | 236 |
| 1.43 | 4 | 133 |
| 1.79 | 5 | 85 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 61° | 22W |
|---|---|
| Ø/m | h/m | LUX |
| 1.33 | 1 | 886 |
| 2.67 | 2 | 222 |
| 4.00 | 3 | 98 |
| 5.34 | 4 | 55 |
| 6.67 | 5 | 35 |

| 72° | 22W |
|---|---|
| Ø/m | h/m | LUX |
| 1.60 | 1 | 886 |
| 3.20 | 2 | 222 |
| 4.80 | 3 | 98 |
| 6.40 | 4 | 55 |
| 8.00 | 5 | 35 |

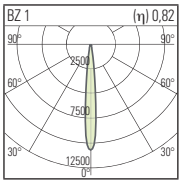



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

**22 W**
**LED IOS LL2**

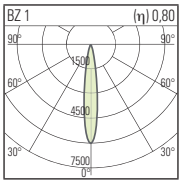
## 2650 lm [WW]

### Ø.35Ø5Ø.ØØ A



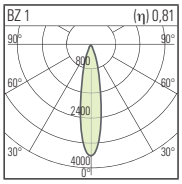

| 11° | 22W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.19 | 1 | 26523 |
| 0.38 | 2 | 6631 |
| 0.57 | 3 | 2947 |
| 0.76 | 4 | 1658 |
| 0.95 | 5 | 1061 |

### Ø.35Ø49.ØØ B



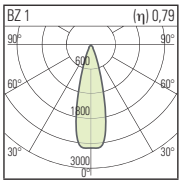

| 15° | 22W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.27 | 1 | 14990 |
| 0.54 | 2 | 3748 |
| 0.81 | 3 | 1666 |
| 1.08 | 4 | 937 |
| 1.35 | 5 | 600 |

### Ø.35Ø51.ØØ C



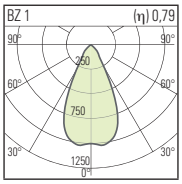

| 21° | 22W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.37 | 1 | 9027 |
| 0.74 | 2 | 2257 |
| 1.11 | 3 | 1003 |
| 1.48 | 4 | 564 |
| 1.86 | 5 | 361 |

### Ø.35Ø52.ØØ D



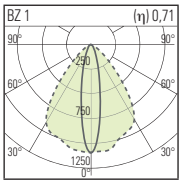

| 29° | 22W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.52 | 1 | 6280 |
| 1.03 | 2 | 1570 |
| 1.55 | 3 | 698 |
| 2.07 | 4 | 392 |
| 2.58 | 5 | 251 |

### Ø.35Ø53.ØØ E



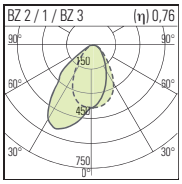

| 51° | 22W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.96 | 1 | 2503 |
| 1.92 | 2 | 626 |
| 2.87 | 3 | 278 |
| 3.83 | 4 | 156 |
| 4.79 | 5 | 100 |

### Ø.35Ø54.ØØ F (Mira)




| 20° | 22W | | 78° | 22W | |
|---|---|---|---|---|---|
| Ø/m | h/m | LUX | Ø/m | h/m | LUX |
| 1.61 | 1 | 2763 | 0.36 | 1 | 2763 |
| 3.23 | 2 | 691 | 0.72 | 2 | 691 |
| 4.84 | 3 | 307 | 1.08 | 3 | 307 |
| 6.46 | 4 | 173 | 1.43 | 4 | 173 |
| 8.07 | 5 | 111 | 1.79 | 5 | 111 |

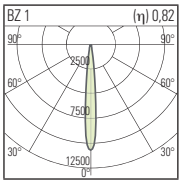
### Ø.35Ø59.ØØ H (Wall Washer)




| 61° | 22W | | 72° | 22W | |
|---|---|---|---|---|---|
| Ø/m | h/m | LUX | Ø/m | h/m | LUX |
| 1.33 | 1 | 1153 | 1.60 | 1 | 1153 |
| 2.67 | 2 | 288 | 3.20 | 2 | 288 |
| 4.00 | 3 | 128 | 4.80 | 3 | 128 |
| 5.34 | 4 | 72 | 6.40 | 4 | 72 |
| 6.67 | 5 | 46 | 8.00 | 5 | 46 |

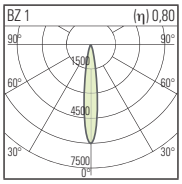
## 2759 lm [NN]

### Ø.35Ø5Ø.ØØ A



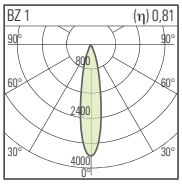

| 11° | 22W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.19 | 1 | 27608 |
| 0.38 | 2 | 6902 |
| 0.57 | 3 | 3068 |
| 0.76 | 4 | 1725 |
| 0.95 | 5 | 1104 |

### Ø.35Ø49.ØØ B



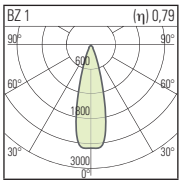

| 15° | 22W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.27 | 1 | 15603 |
| 0.54 | 2 | 3901 |
| 0.81 | 3 | 1734 |
| 1.08 | 4 | 975 |
| 1.35 | 5 | 624 |

### Ø.35Ø51.ØØ C



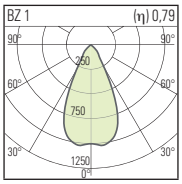

| 21° | 22W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.37 | 1 | 9396 |
| 0.74 | 2 | 2349 |
| 1.11 | 3 | 1044 |
| 1.48 | 4 | 587 |
| 1.86 | 5 | 376 |

### Ø.35Ø52.ØØ D



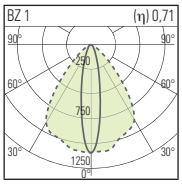

| 29° | 22W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.52 | 1 | 6536 |
| 1.03 | 2 | 1634 |
| 1.55 | 3 | 726 |
| 2.07 | 4 | 409 |
| 2.58 | 5 | 261 |

### Ø.35Ø53.ØØ E



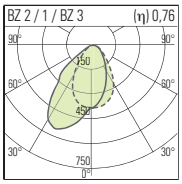

| 51° | 22W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.96 | 1 | 2606 |
| 1.92 | 2 | 651 |
| 2.87 | 3 | 290 |
| 3.83 | 4 | 163 |
| 4.79 | 5 | 104 |

### Ø.35Ø54.ØØ F (Mira)

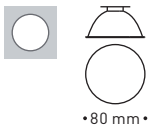



| 78° | 22W | | 20° | 22W | |
|---|---|---|---|---|---|
| Ø/m | h/m | LUX | Ø/m | h/m | LUX |
| 1.61 | 1 | 2876 | 0.36 | 1 | 2876 |
| 3.23 | 2 | 719 | 0.72 | 2 | 719 |
| 4.84 | 3 | 320 | 1.08 | 3 | 320 |
| 6.46 | 4 | 180 | 1.43 | 4 | 180 |
| 8.07 | 5 | 115 | 1.79 | 5 | 115 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 61° | 22W | | 72° | 22W | |
|---|---|---|---|---|---|
| Ø/m | h/m | LUX | Ø/m | h/m | LUX |
| 1.33 | 1 | 1200 | 1.60 | 1 | 1200 |
| 2.67 | 2 | 300 | 3.20 | 2 | 300 |
| 4.00 | 3 | 133 | 4.80 | 3 | 133 |
| 5.34 | 4 | 75 | 6.40 | 4 | 75 |
| 6.67 | 5 | 48 | 8.00 | 5 | 48 |

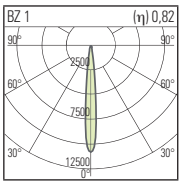



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

25 W
LED IOS LL2

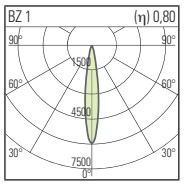
## 2337 lm [HW]

### Ø.35Ø5Ø.ØØ A



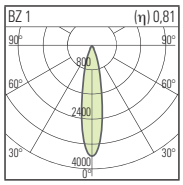

| 11° | 25W |
|---|---|
| Ø/m | h/m | LUX |
| 0.19 | 1 | 23637 |
| 0.38 | 2 | 5909 |
| 0.57 | 3 | 2626 |
| 0.76 | 4 | 1477 |
| 0.96 | 5 | 945 |

### Ø.35Ø49.ØØ B



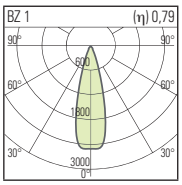

| 15° | 25W |
|---|---|
| Ø/m | h/m | LUX |
| 0.27 | 1 | 13359 |
| 0.54 | 2 | 3340 |
| 0.81 | 3 | 1484 |
| 1.08 | 4 | 835 |
| 1.35 | 5 | 534 |

### Ø.35Ø51.ØØ C



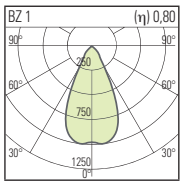

| 21° | 25W |
|---|---|
| Ø/m | h/m | LUX |
| 0.37 | 1 | 8045 |
| 0.74 | 2 | 2011 |
| 1.11 | 3 | 894 |
| 1.48 | 4 | 503 |
| 1.86 | 5 | 322 |

### Ø.35Ø52.ØØ D



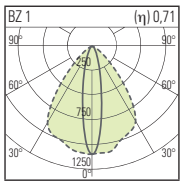

| 29° | 25W |
|---|---|
| Ø/m | h/m | LUX |
| 0.52 | 1 | 5596 |
| 1.03 | 2 | 1399 |
| 1.55 | 3 | 622 |
| 2.07 | 4 | 350 |
| 2.58 | 5 | 224 |

### Ø.35Ø53.ØØ E




| 51° | 25W |
|---|---|
| Ø/m | h/m | LUX |
| 0.96 | 1 | 2231 |
| 1.92 | 2 | 558 |
| 2.87 | 3 | 248 |
| 3.83 | 4 | 139 |
| 4.79 | 5 | 89 |

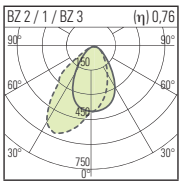
### Ø.35Ø54.ØØ F (Mira)




| 78° | 25W |
|---|---|
| Ø/m | h/m | LUX |
| 1.61 | 1 | 2463 |
| 3.23 | 2 | 616 |
| 4.84 | 3 | 274 |
| 6.46 | 4 | 154 |
| 8.07 | 5 | 99 |

| 20° | 25W |
|---|---|
| Ø/m | h/m | LUX |
| 0.36 | 1 | 2463 |
| 0.72 | 2 | 616 |
| 1.08 | 3 | 274 |
| 1.43 | 4 | 154 |
| 1.79 | 5 | 99 |

### Ø.35Ø59.ØØ H (Wall Washer)

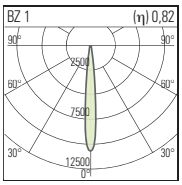



| 61° | 25W |
|---|---|
| Ø/m | h/m | LUX |
| 1.33 | 1 | 1027 |
| 2.67 | 2 | 257 |
| 4.00 | 3 | 114 |
| 5.34 | 4 | 64 |
| 6.67 | 5 | 41 |

| 72° | 25W |
|---|---|
| Ø/m | h/m | LUX |
| 1.60 | 1 | 1027 |
| 3.20 | 2 | 257 |
| 4.80 | 3 | 114 |
| 6.40 | 4 | 64 |
| 8.00 | 5 | 41 |

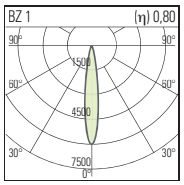
## 2486 lm [HQ]

### Ø.35Ø5Ø.ØØ A



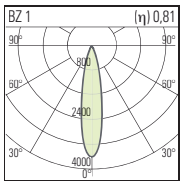

| 11° | 25W |
|---|---|
| Ø/m | h/m | LUX |
| 0.19 | 1 | 25143 |
| 0.38 | 2 | 6286 |
| 0.57 | 3 | 2794 |
| 0.76 | 4 | 1571 |
| 0.96 | 5 | 1006 |

### Ø.35Ø49.ØØ B



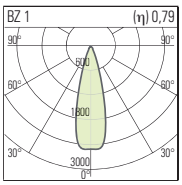

| 15° | 25W |
|---|---|
| Ø/m | h/m | LUX |
| 0.27 | 1 | 14211 |
| 0.54 | 2 | 3553 |
| 0.81 | 3 | 1579 |
| 1.08 | 4 | 888 |
| 1.35 | 5 | 568 |

### Ø.35Ø51.ØØ C



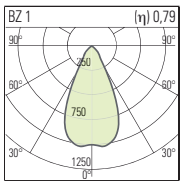

| 21° | 25W |
|---|---|
| Ø/m | h/m | LUX |
| 0.37 | 1 | 8558 |
| 0.74 | 2 | 2139 |
| 1.11 | 3 | 951 |
| 1.48 | 4 | 535 |
| 1.88 | 5 | 342 |

### Ø.35Ø52.ØØ D



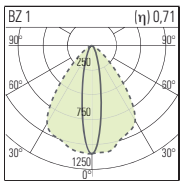

| 29° | 25W |
|---|---|
| Ø/m | h/m | LUX |
| 0.52 | 1 | 5953 |
| 1.03 | 2 | 1488 |
| 1.55 | 3 | 661 |
| 2.07 | 4 | 372 |
| 2.58 | 5 | 238 |

### Ø.35Ø53.ØØ E




| 51° | 25W |
|---|---|
| Ø/m | h/m | LUX |
| 0.96 | 1 | 2373 |
| 1.92 | 2 | 593 |
| 2.87 | 3 | 264 |
| 3.83 | 4 | 148 |
| 4.79 | 5 | 95 |

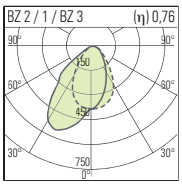
### Ø.35Ø54.ØØ F (Mira)




| 78° | 25W |
|---|---|
| Ø/m | h/m | LUX |
| 1.61 | 1 | 2620 |
| 3.23 | 2 | 655 |
| 4.84 | 3 | 291 |
| 6.46 | 4 | 164 |
| 8.07 | 5 | 105 |

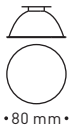
| 20° | 25W |
|---|---|
| Ø/m | h/m | LUX |
| 0.36 | 1 | 2620 |
| 0.72 | 2 | 655 |
| 1.08 | 3 | 291 |
| 1.43 | 4 | 164 |
| 1.79 | 5 | 105 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 61° | 25W |
|---|---|
| Ø/m | h/m | LUX |
| 1.33 | 1 | 1093 |
| 2.67 | 2 | 273 |
| 4.00 | 3 | 121 |
| 5.34 | 4 | 68 |
| 6.67 | 5 | 44 |

| 72° | 25W |
|---|---|
| Ø/m | h/m | LUX |
| 1.60 | 1 | 1093 |
| 3.20 | 2 | 273 |
| 4.80 | 3 | 121 |
| 6.40 | 4 | 68 |
| 8.00 | 5 | 44 |

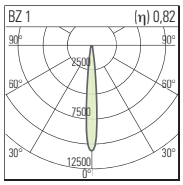



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

**25 W**
**LED IOS LL2**

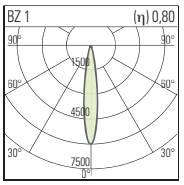
## 3045 lm [WW]

### Ø.35Ø5Ø.ØØ A



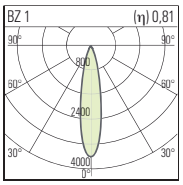

| 11° | 25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.19 | 1 | 30789 |
| 0.38 | 2 | 7697 |
| 0.57 | 3 | 3421 |
| 0.76 | 4 | 1924 |
| 0.96 | 5 | 1232 |

### Ø.35Ø49.ØØ B



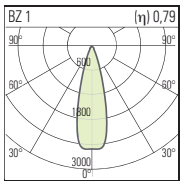

| 15° | 25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.27 | 1 | 17402 |
| 0.54 | 2 | 4350 |
| 0.81 | 3 | 1934 |
| 1.08 | 4 | 1088 |
| 1.35 | 5 | 696 |

### Ø.35Ø51.ØØ C



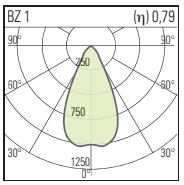

| 21° | 25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.37 | 1 | 10479 |
| 0.74 | 2 | 2620 |
| 1.11 | 3 | 1164 |
| 1.48 | 4 | 655 |
| 1.88 | 5 | 419 |

### Ø.35Ø52.ØØ D



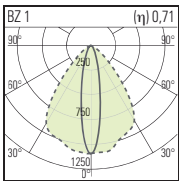

| 29° | 25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.52 | 1 | 7289 |
| 1.03 | 2 | 1822 |
| 1.55 | 3 | 810 |
| 2.07 | 4 | 456 |
| 2.58 | 5 | 292 |

### Ø.35Ø53.ØØ E




| 51° | 25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.96 | 1 | 2906 |
| 1.92 | 2 | 726 |
| 2.87 | 3 | 323 |
| 3.83 | 4 | 182 |
| 4.79 | 5 | 116 |

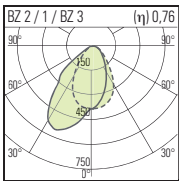
### Ø.35Ø54.ØØ F (Mira)




| 78° | 25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.61 | 1 | 3208 |
| 3.23 | 2 | 802 |
| 4.84 | 3 | 356 |
| 6.46 | 4 | 200 |
| 8.07 | 5 | 128 |

| 20° | 25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.36 | 1 | 3208 |
| 0.72 | 2 | 802 |
| 1.08 | 3 | 356 |
| 1.43 | 4 | 200 |
| 1.79 | 5 | 128 |

### Ø.35Ø59.ØØ H (Wall Washer)

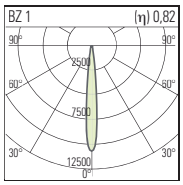



| 61° | 25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.33 | 1 | 1338 |
| 2.67 | 2 | 335 |
| 4.00 | 3 | 149 |
| 5.34 | 4 | 84 |
| 6.67 | 5 | 54 |

| 72° | 25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.60 | 1 | 1338 |
| 3.20 | 2 | 335 |
| 4.80 | 3 | 149 |
| 6.40 | 4 | 84 |
| 8.00 | 5 | 54 |

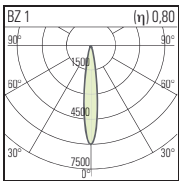
## 3205 lm [NN]

### Ø.35Ø5Ø.ØØ A



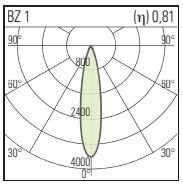

| 11° | 25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.19 | 1 | 32411 |
| 0.38 | 2 | 8103 |
| 0.57 | 3 | 3601 |
| 0.76 | 4 | 2026 |
| 0.96 | 5 | 1296 |

### Ø.35Ø49.ØØ B



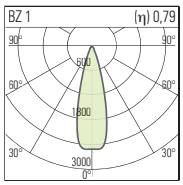

| 15° | 25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.27 | 1 | 18319 |
| 0.54 | 2 | 4580 |
| 0.81 | 3 | 2035 |
| 1.08 | 4 | 1145 |
| 1.35 | 5 | 733 |

### Ø.35Ø51.ØØ C



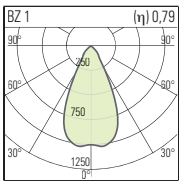

| 21° | 25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.37 | 1 | 11031 |
| 0.74 | 2 | 2758 |
| 1.11 | 3 | 1226 |
| 1.48 | 4 | 689 |
| 1.88 | 5 | 441 |

### Ø.35Ø52.ØØ D



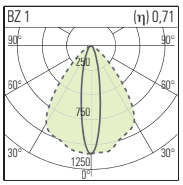

| 29° | 25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.52 | 1 | 7674 |
| 1.03 | 2 | 1918 |
| 1.55 | 3 | 853 |
| 2.07 | 4 | 480 |
| 2.58 | 5 | 307 |

### Ø.35Ø53.ØØ E




| 51° | 25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.96 | 1 | 3059 |
| 1.92 | 2 | 765 |
| 2.87 | 3 | 340 |
| 3.83 | 4 | 191 |
| 4.79 | 5 | 122 |

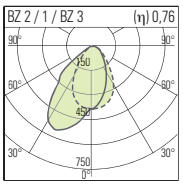
### Ø.35Ø54.ØØ F (Mira)




| 78° | 25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.61 | 1 | 3377 |
| 3.23 | 2 | 844 |
| 4.84 | 3 | 375 |
| 6.46 | 4 | 211 |
| 8.07 | 5 | 135 |

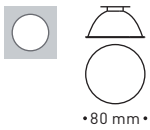
| 20° | 25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.36 | 1 | 3377 |
| 0.72 | 2 | 844 |
| 1.08 | 3 | 375 |
| 1.43 | 4 | 211 |
| 1.79 | 5 | 135 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 61° | 25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.33 | 1 | 1409 |
| 2.67 | 2 | 352 |
| 4.00 | 3 | 157 |
| 5.34 | 4 | 88 |
| 6.67 | 5 | 56 |

| 72° | 25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.60 | 1 | 1409 |
| 3.20 | 2 | 352 |
| 4.80 | 3 | 157 |
| 6.40 | 4 | 88 |
| 8.00 | 5 | 56 |

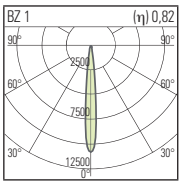



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

**30 W**
**LED IOS LL2**

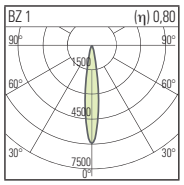
## 2767 lm [HW]

### Ø.35Ø5Ø.ØØ A



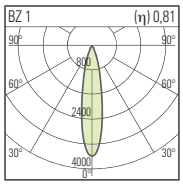

| 11° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.19 | 1 | 27692 |
| 0.38 | 2 | 6923 |
| 0.57 | 3 | 3077 |
| 0.76 | 4 | 1731 |
| 0.96 | 5 | 1108 |

### Ø.35Ø49.ØØ B



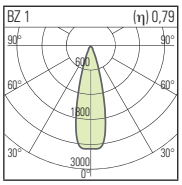

| 15° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.27 | 1 | 15652 |
| 0.54 | 2 | 3913 |
| 0.81 | 3 | 1739 |
| 1.08 | 4 | 978 |
| 1.35 | 5 | 626 |

### Ø.35Ø51.ØØ C



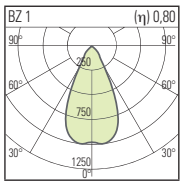

| 21° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.37 | 1 | 9425 |
| 0.74 | 2 | 2356 |
| 1.11 | 3 | 1047 |
| 1.48 | 4 | 589 |
| 1.86 | 5 | 377 |

### Ø.35Ø52.ØØ D



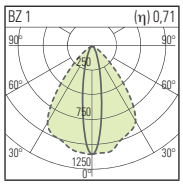

| 29° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.52 | 1 | 6556 |
| 1.03 | 2 | 1639 |
| 1.55 | 3 | 728 |
| 2.07 | 4 | 410 |
| 2.58 | 5 | 262 |

### Ø.35Ø53.ØØ E




| 51° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.96 | 1 | 2614 |
| 1.92 | 2 | 653 |
| 2.87 | 3 | 290 |
| 3.83 | 4 | 163 |
| 4.79 | 5 | 105 |

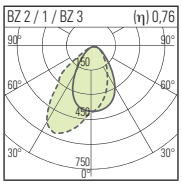
### Ø.35Ø54.ØØ F (Mira)




| 78° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.61 | 1 | 2885 |
| 3.23 | 2 | 721 |
| 4.84 | 3 | 321 |
| 6.46 | 4 | 180 |
| 8.07 | 5 | 115 |

| 20° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.36 | 1 | 2885 |
| 0.72 | 2 | 721 |
| 1.08 | 3 | 321 |
| 1.43 | 4 | 180 |
| 1.79 | 5 | 115 |

### Ø.35Ø59.ØØ H (Wall Washer)

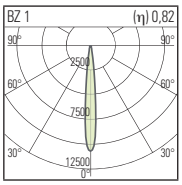



| 61° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.33 | 1 | 1204 |
| 2.67 | 2 | 301 |
| 4.00 | 3 | 134 |
| 5.34 | 4 | 75 |
| 6.67 | 5 | 48 |

| 72° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.60 | 1 | 1204 |
| 3.20 | 2 | 301 |
| 4.80 | 3 | 134 |
| 6.40 | 4 | 75 |
| 8.00 | 5 | 48 |

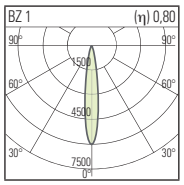
## 2944 lm [HQ]

### Ø.35Ø5Ø.ØØ A



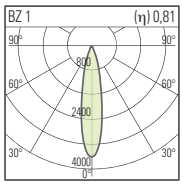

| 11° | 31W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.19 | 1 | 29461 |
| 0.38 | 2 | 7365 |
| 0.57 | 3 | 3273 |
| 0.76 | 4 | 1841 |
| 0.95 | 5 | 1178 |

### Ø.35Ø49.ØØ B



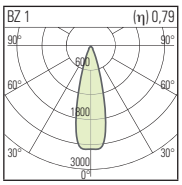

| 15° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.27 | 1 | 16651 |
| 0.54 | 2 | 4163 |
| 0.81 | 3 | 1850 |
| 1.08 | 4 | 1041 |
| 1.35 | 5 | 666 |

### Ø.35Ø51.ØØ C



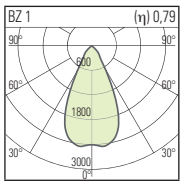

| 21° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.37 | 1 | 10027 |
| 0.74 | 2 | 2507 |
| 1.11 | 3 | 1114 |
| 1.48 | 4 | 627 |
| 1.86 | 5 | 401 |

### Ø.35Ø52.ØØ D



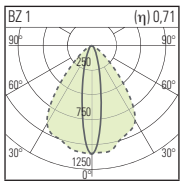

| 29° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.52 | 1 | 6975 |
| 1.03 | 2 | 1744 |
| 1.55 | 3 | 775 |
| 2.07 | 4 | 436 |
| 2.58 | 5 | 279 |

### Ø.35Ø53.ØØ E




| 51° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.96 | 1 | 2781 |
| 1.92 | 2 | 695 |
| 2.87 | 3 | 309 |
| 3.83 | 4 | 174 |
| 4.79 | 5 | 111 |

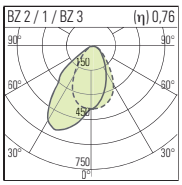
### Ø.35Ø54.ØØ F (Mira)




| 78° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.61 | 1 | 3069 |
| 3.23 | 2 | 767 |
| 4.84 | 3 | 341 |
| 6.46 | 4 | 192 |
| 8.07 | 5 | 123 |

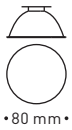
| 20° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.36 | 1 | 3069 |
| 0.72 | 2 | 767 |
| 1.08 | 3 | 341 |
| 1.43 | 4 | 192 |
| 1.79 | 5 | 123 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 61° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.33 | 1 | 1281 |
| 2.67 | 2 | 320 |
| 4.00 | 3 | 142 |
| 5.34 | 4 | 80 |
| 6.67 | 5 | 51 |

| 72° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.60 | 1 | 1281 |
| 3.20 | 2 | 320 |
| 4.80 | 3 | 142 |
| 6.40 | 4 | 80 |
| 8.00 | 5 | 51 |

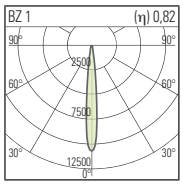



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

**30 W**
**LED IOS LL2**

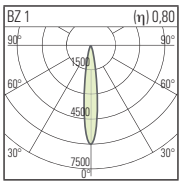
## 3617 lm [WW]

### Ø.35Ø5Ø.ØØ A



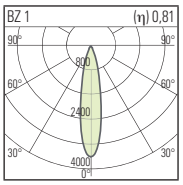

| 11° | 31W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.19 | 1 | 36192 |
| 0.38 | 2 | 9048 |
| 0.57 | 3 | 4021 |
| 0.76 | 4 | 2262 |
| 0.95 | 5 | 1448 |

### Ø.35Ø49.ØØ B



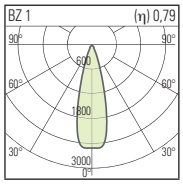

| 15° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.27 | 1 | 20455 |
| 0.54 | 2 | 5114 |
| 0.81 | 3 | 2273 |
| 1.08 | 4 | 1278 |
| 1.35 | 5 | 818 |

### Ø.35Ø51.ØØ C



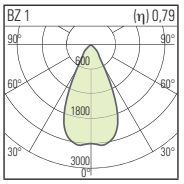

| 11° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.37 | 1 | 12318 |
| 0.74 | 2 | 3080 |
| 1.11 | 3 | 1369 |
| 1.48 | 4 | 770 |
| 1.86 | 5 | 493 |

### Ø.35Ø52.ØØ D



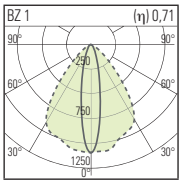

| 29° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.52 | 1 | 8559 |
| 1.03 | 2 | 2142 |
| 1.55 | 3 | 952 |
| 2.07 | 4 | 536 |
| 2.58 | 5 | 343 |

### Ø.35Ø53.ØØ E




| 51° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.96 | 1 | 3416 |
| 1.92 | 2 | 854 |
| 2.87 | 3 | 380 |
| 3.83 | 4 | 213 |
| 4.79 | 5 | 137 |

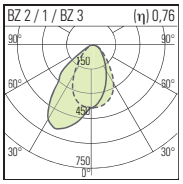
### Ø.35Ø54.ØØ F (Mira)




| 78° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.61 | 1 | 3770 |
| 3.23 | 2 | 943 |
| 4.84 | 3 | 419 |
| 6.46 | 4 | 236 |
| 8.07 | 5 | 151 |

| 20° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.36 | 1 | 3770 |
| 0.72 | 2 | 943 |
| 1.08 | 3 | 419 |
| 1.43 | 4 | 236 |
| 1.79 | 5 | 151 |

### Ø.35Ø59.ØØ H (Wall Washer)

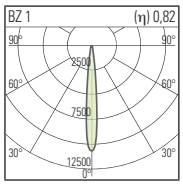



| 61° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.33 | 1 | 1573 |
| 2.67 | 2 | 393 |
| 4.00 | 3 | 175 |
| 5.34 | 4 | 98 |
| 6.67 | 5 | 63 |

| 72° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.60 | 1 | 1573 |
| 3.20 | 2 | 393 |
| 4.80 | 3 | 175 |
| 6.40 | 4 | 98 |
| 8.00 | 5 | 63 |

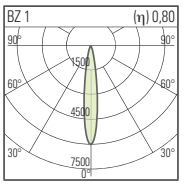
## 3798 lm [NN]

### Ø.35Ø5Ø.ØØ A



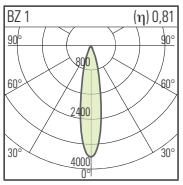

| 11° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.19 | 1 | 38004 |
| 0.38 | 2 | 9501 |
| 0.57 | 3 | 4223 |
| 0.76 | 4 | 2375 |
| 0.95 | 5 | 1520 |

### Ø.35Ø49.ØØ B



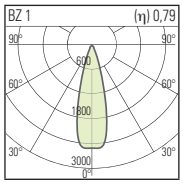

| 15° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.27 | 1 | 21479 |
| 0.54 | 2 | 5370 |
| 0.81 | 3 | 2387 |
| 1.08 | 4 | 1342 |
| 1.35 | 5 | 859 |

### Ø.35Ø51.ØØ C



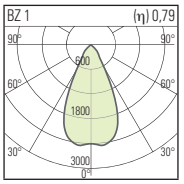

| 11° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.37 | 1 | 12935 |
| 0.74 | 2 | 3234 |
| 1.11 | 3 | 1437 |
| 1.48 | 4 | 808 |
| 1.86 | 5 | 517 |

### Ø.35Ø52.ØØ D



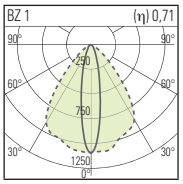

| 29° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.52 | 1 | 8998 |
| 1.03 | 2 | 2249 |
| 1.55 | 3 | 1000 |
| 2.07 | 4 | 562 |
| 2.58 | 5 | 360 |

### Ø.35Ø53.ØØ E




| 51° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.96 | 1 | 3587 |
| 1.92 | 2 | 897 |
| 2.87 | 3 | 399 |
| 3.83 | 4 | 224 |
| 4.79 | 5 | 143 |

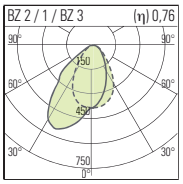
### Ø.35Ø54.ØØ F (Mira)




| 78° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.61 | 1 | 3770 |
| 3.23 | 2 | 943 |
| 4.84 | 3 | 419 |
| 6.46 | 4 | 236 |
| 8.07 | 5 | 151 |

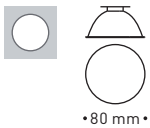
| 20° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.36 | 1 | 3770 |
| 0.72 | 2 | 943 |
| 1.08 | 3 | 419 |
| 1.43 | 4 | 236 |
| 1.79 | 5 | 151 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 61° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.33 | 1 | 1652 |
| 2.67 | 2 | 413 |
| 4.00 | 3 | 184 |
| 5.34 | 4 | 103 |
| 6.67 | 5 | 66 |

| 72° | 30W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.60 | 1 | 1652 |
| 3.20 | 2 | 413 |
| 4.80 | 3 | 184 |
| 6.40 | 4 | 103 |
| 8.00 | 5 | 66 |

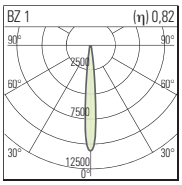



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

**38 W**
**LED IOS LL2**

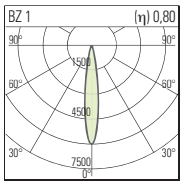
## 3578 lm [HQ]

### Ø.35Ø5Ø.ØØ A



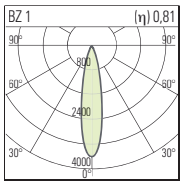

| 11° | 38W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.19 | 1 | 35424 |
| 0.38 | 2 | 8856 |
| 0.57 | 3 | 3936 |
| 0.76 | 4 | 2214 |
| 0.96 | 5 | 1417 |

### Ø.35Ø49.ØØ B



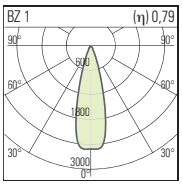

| 15° | 38W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.27 | 1 | 20021 |
| 0.54 | 2 | 5005 |
| 0.81 | 3 | 2225 |
| 1.08 | 4 | 1251 |
| 1.35 | 5 | 801 |

### Ø.35Ø51.ØØ C



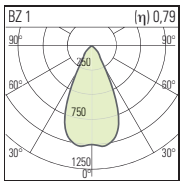

| 21° | 38W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.37 | 1 | 12057 |
| 0.74 | 2 | 3014 |
| 1.11 | 3 | 1340 |
| 1.48 | 4 | 754 |
| 1.86 | 5 | 482 |

### Ø.35Ø52.ØØ D



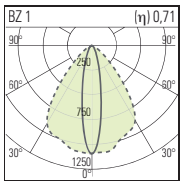

| 29° | 38W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.52 | 1 | 8387 |
| 1.03 | 2 | 2097 |
| 1.55 | 3 | 932 |
| 2.07 | 4 | 524 |
| 2.58 | 5 | 335 |

### Ø.35Ø53.ØØ E



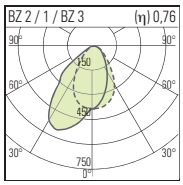

| 51° | 38W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.96 | 1 | 3343 |
| 1.92 | 2 | 836 |
| 2.87 | 3 | 371 |
| 3.83 | 4 | 209 |
| 4.79 | 5 | 134 |

### Ø.35Ø54.ØØ F (Mira)




| 78° | 38W | | 20° | 25W | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 1.61 | 1 | 3691 | 0.36 | 1 | 2620 |
| 3.23 | 2 | 923 | 0.72 | 2 | 655 |
| 4.84 | 3 | 410 | 1.08 | 3 | 291 |
| 6.46 | 4 | 231 | 1.43 | 4 | 164 |
| 8.07 | 5 | 148 | 1.79 | 5 | 105 |

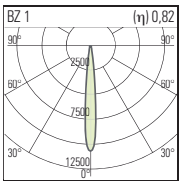
### Ø.35Ø59.ØØ H (Wall Washer)




| 61° | 38W | | 72° | 38W | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 1.33 | 1 | 1540 | 1.60 | 1 | 1540 |
| 2.67 | 2 | 385 | 3.20 | 2 | 385 |
| 4.00 | 3 | 171 | 4.80 | 3 | 171 |
| 5.34 | 4 | 96 | 6.40 | 4 | 96 |
| 6.67 | 5 | 62 | 8.00 | 5 | 62 |

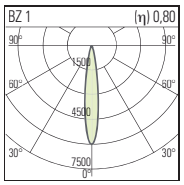
## 4329 lm [WW]

### Ø.35Ø5Ø.ØØ A



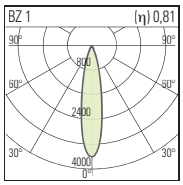

| 11° | 38W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.19 | 1 | 42860 |
| 0.38 | 2 | 10715 |
| 0.57 | 3 | 4762 |
| 0.76 | 4 | 2679 |
| 0.96 | 5 | 1714 |

### Ø.35Ø49.ØØ B



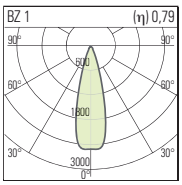

| 15° | 38W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.27 | 1 | 24224 |
| 0.54 | 2 | 6056 |
| 0.81 | 3 | 2692 |
| 1.08 | 4 | 1514 |
| 1.35 | 5 | 969 |

### Ø.35Ø51.ØØ C



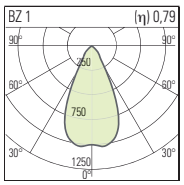

| 21° | 38W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.37 | 1 | 14588 |
| 0.74 | 2 | 3647 |
| 1.11 | 3 | 1621 |
| 1.48 | 4 | 912 |
| 1.86 | 5 | 584 |

### Ø.35Ø52.ØØ D



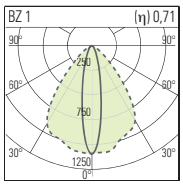

| 29° | 38W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.52 | 1 | 10147 |
| 1.03 | 2 | 2537 |
| 1.55 | 3 | 1127 |
| 2.07 | 4 | 634 |
| 2.58 | 5 | 406 |

### Ø.35Ø53.ØØ E



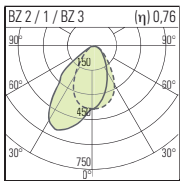

| 51° | 38W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.96 | 1 | 4045 |
| 1.92 | 2 | 1011 |
| 2.87 | 3 | 449 |
| 3.83 | 4 | 253 |
| 4.79 | 5 | 162 |

### Ø.35Ø54.ØØ F (Mira)




| 78° | 38W | | 20° | 25W | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 1.61 | 1 | 4460 | 0.36 | 1 | 3208 |
| 3.23 | 2 | 1116 | 0.72 | 2 | 802 |
| 4.84 | 3 | 496 | 1.08 | 3 | 356 |
| 6.46 | 4 | 279 | 1.43 | 4 | 200 |
| 8.07 | 5 | 179 | 1.79 | 5 | 128 |

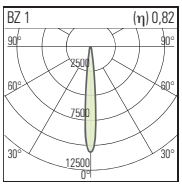
### Ø.35Ø59.ØØ H (Wall Washer)




| 61° | 38W | | 72° | 38W | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 1.33 | 1 | 1863 | 1.60 | 1 | 1863 |
| 2.67 | 2 | 466 | 3.20 | 2 | 466 |
| 4.00 | 3 | 207 | 4.80 | 3 | 207 |
| 5.34 | 4 | 116 | 6.40 | 4 | 116 |
| 6.67 | 5 | 75 | 8.00 | 5 | 75 |

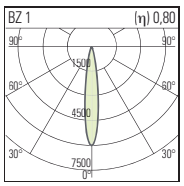
## 4480 lm [NN]

### Ø.35Ø5Ø.ØØ A



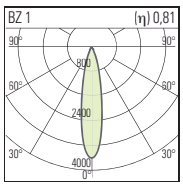

| 11° | 38W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.19 | 1 | 50023 |
| 0.38 | 2 | 12506 |
| 0.57 | 3 | 5558 |
| 0.76 | 4 | 3126 |
| 0.96 | 5 | 2001 |

### Ø.35Ø49.ØØ B



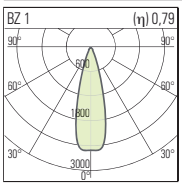

| 15° | 38W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.27 | 1 | 28273 |
| 0.54 | 2 | 7068 |
| 0.81 | 3 | 3141 |
| 1.08 | 4 | 1767 |
| 1.35 | 5 | 1131 |

### Ø.35Ø51.ØØ C



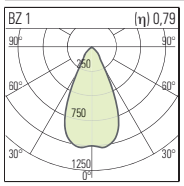

| 21° | 38W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.37 | 1 | 17026 |
| 0.74 | 2 | 4256 |
| 1.11 | 3 | 1892 |
| 1.48 | 4 | 1064 |
| 1.86 | 5 | 681 |

### Ø.35Ø52.ØØ D



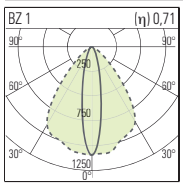

| 29° | 38W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.52 | 1 | 7849 |
| 1.03 | 2 | 2961 |
| 1.55 | 3 | 1316 |
| 2.07 | 4 | 740 |
| 2.58 | 5 | 474 |

### Ø.35Ø53.ØØ E



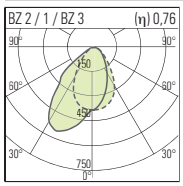

| 51° | 38W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.96 | 1 | 4721 |
| 1.92 | 2 | 1180 |
| 2.87 | 3 | 525 |
| 3.83 | 4 | 295 |
| 4.79 | 5 | 189 |

### Ø.35Ø54.ØØ F (Mira)




| 78° | 38W | | 20° | 38W | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 1.61 | 1 | 5212 | 0.36 | 1 | 5212 |
| 3.23 | 2 | 1303 | 0.72 | 2 | 1303 |
| 4.84 | 3 | 579 | 1.08 | 3 | 579 |
| 6.46 | 4 | 326 | 1.43 | 4 | 326 |
| 8.07 | 5 | 208 | 1.79 | 5 | 208 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 61° | 38W | | 72° | 38W | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 1.33 | 1 | 2174 | 1.60 | 1 | 2174 |
| 2.67 | 2 | 544 | 3.20 | 2 | 544 |
| 4.00 | 3 | 242 | 4.80 | 3 | 242 |
| 5.34 | 4 | 136 | 6.40 | 4 | 136 |
| 6.67 | 5 | 87 | 8.00 | 5 | 87 |

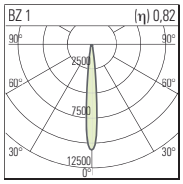



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

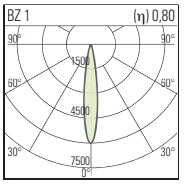
**46 W**
**LED IOS LL2**

## 4147 lm [HQ]

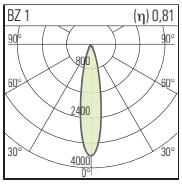
### Ø.35Ø5Ø.ØØ A



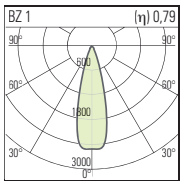

### Ø.35Ø49.ØØ B



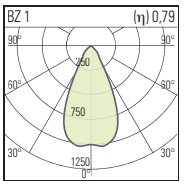

### Ø.35Ø51.ØØ C



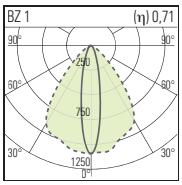

### Ø.35Ø52.ØØ D



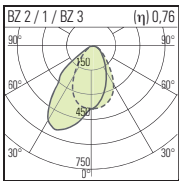

### Ø.35Ø53.ØØ E




### Ø.35Ø54.ØØ F (Mira)

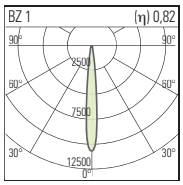



### Ø.35Ø59.ØØ H (Wall Washer)

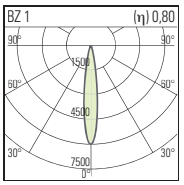



## 5017 lm [WW]

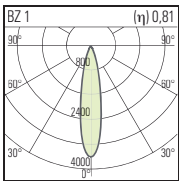
### Ø.35Ø5Ø.ØØ A



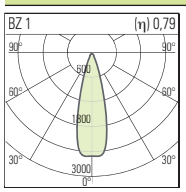

### Ø.35Ø49.ØØ B



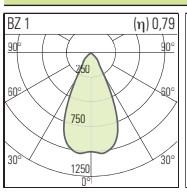

### Ø.35Ø51.ØØ C



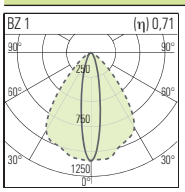

### Ø.35Ø52.ØØ D



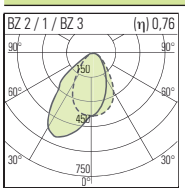

### Ø.35Ø53.ØØ E




### Ø.35Ø54.ØØ F (Mira)

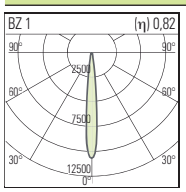



### Ø.35Ø59.ØØ H (Wall Washer)

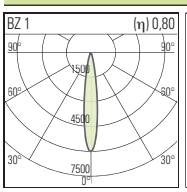



## 5196 lm [NN]

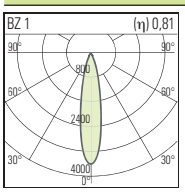
### Ø.35Ø5Ø.ØØ A



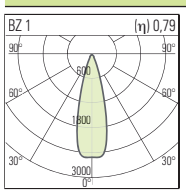

### Ø.35Ø49.ØØ B



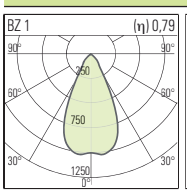

### Ø.35Ø51.ØØ C



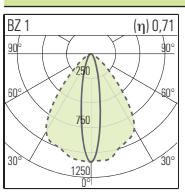

### Ø.35Ø52.ØØ D



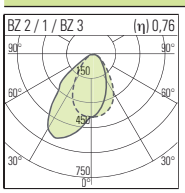

### Ø.35Ø53.ØØ E




### Ø.35Ø54.ØØ F (Mira)




### Ø.35Ø59.ØØ H (Wall Washer)





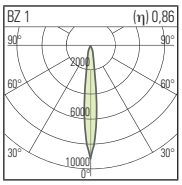



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

**8 W**
**LED IOS LL2**

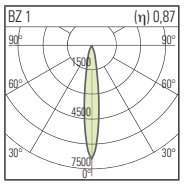
## 637 lm [HW]

### Ø.35Ø5Ø.ØØ A



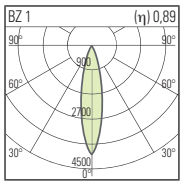

| 13° | 8W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.22 | 1 | 5451 |
| 0.44 | 2 | 1363 |
| 0.66 | 3 | 606 |
| 0.89 | 4 | 341 |
| 1.11 | 5 | 218 |

### Ø.35Ø49.ØØ B



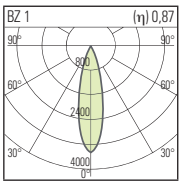

| 15° | 8W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.26 | 1 | 4067 |
| 0.52 | 2 | 1017 |
| 0.78 | 3 | 452 |
| 1.03 | 4 | 254 |
| 1.29 | 5 | 163 |

### Ø.35Ø51.ØØ C



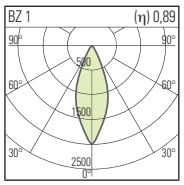

| 22° | 8W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.40 | 1 | 2405 |
| 0.80 | 2 | 601 |
| 1.19 | 3 | 267 |
| 1.59 | 4 | 150 |
| 1.99 | 5 | 96 |

### Ø.35Ø52.ØØ D



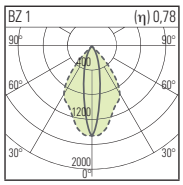

| 26° | 8W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.46 | 1 | 2031 |
| 0.92 | 2 | 508 |
| 1.39 | 3 | 226 |
| 1.85 | 4 | 127 |
| 2.31 | 5 | 81 |

### Ø.35Ø53.ØØ E




| 38° | 8W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.68 | 1 | 1204 |
| 1.36 | 2 | 301 |
| 2.04 | 3 | 134 |
| 2.72 | 4 | 75 |
| 3.39 | 5 | 48 |

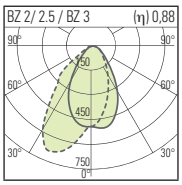
### Ø.35Ø54.ØØ F (Mira)




| 21° | 8W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.37 | 1 | 865 |
| 0.74 | 2 | 216 |
| 1.11 | 3 | 96 |
| 1.48 | 4 | 54 |
| 1.85 | 5 | 35 |

| 70° | 8W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.40 | 1 | 865 |
| 2.81 | 2 | 216 |
| 4.21 | 3 | 96 |
| 5.62 | 4 | 54 |
| 7.02 | 5 | 35 |

### Ø.35Ø59.ØØ H (Wall Washer)

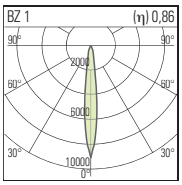



| 55° | 8W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.13 | 1 | 360 |
| 2.26 | 2 | 90 |
| 3.40 | 3 | 40 |
| 4.53 | 4 | 22 |
| 5.66 | 5 | 14 |

| 68° | 8W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.48 | 1 | 360 |
| 2.96 | 2 | 90 |
| 4.44 | 3 | 40 |
| 5.92 | 4 | 22 |
| 7.40 | 5 | 14 |

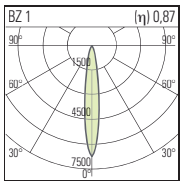
## 765 lm [HQ]

### Ø.35Ø5Ø.ØØ A



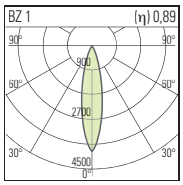

| 13° | 8W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.22 | 1 | 6522 |
| 0.44 | 2 | 1630 |
| 0.66 | 3 | 725 |
| 0.89 | 4 | 408 |
| 1.11 | 5 | 261 |

### Ø.35Ø49.ØØ B



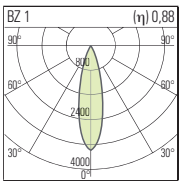

| 15° | 8W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.26 | 1 | 4865 |
| 0.52 | 2 | 1216 |
| 0.78 | 3 | 541 |
| 1.03 | 4 | 304 |
| 1.29 | 5 | 195 |

### Ø.35Ø51.ØØ C



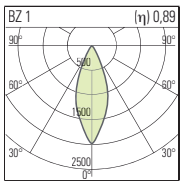

| 22° | 8W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.40 | 1 | 2877 |
| 0.80 | 2 | 719 |
| 1.19 | 3 | 320 |
| 1.59 | 4 | 180 |
| 1.99 | 5 | 115 |

### Ø.35Ø52.ØØ D



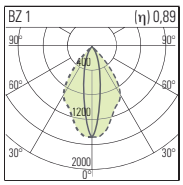

| 26° | 8W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.46 | 1 | 2430 |
| 0.92 | 2 | 608 |
| 1.39 | 3 | 270 |
| 1.85 | 4 | 152 |
| 2.31 | 5 | 97 |

### Ø.35Ø53.ØØ E




| 38° | 8W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.68 | 1 | 1440 |
| 1.36 | 2 | 360 |
| 2.04 | 3 | 160 |
| 2.72 | 4 | 90 |
| 3.39 | 5 | 58 |

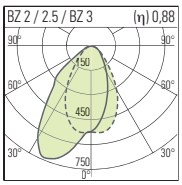
### Ø.35Ø54.ØØ F (Mira)




| 21° | 8W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.37 | 1 | 1035 |
| 0.74 | 2 | 259 |
| 1.11 | 3 | 115 |
| 1.48 | 4 | 65 |
| 1.85 | 5 | 41 |

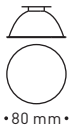
| 70° | 8W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.40 | 1 | 1035 |
| 2.81 | 2 | 259 |
| 4.21 | 3 | 115 |
| 5.62 | 4 | 65 |
| 7.02 | 5 | 41 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 74° | 8W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.13 | 1 | 429 |
| 2.26 | 2 | 107 |
| 3.40 | 3 | 48 |
| 4.53 | 4 | 27 |
| 5.66 | 5 | 17 |

| 68° | 8W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.46 | 1 | 429 |
| 2.93 | 2 | 107 |
| 4.39 | 3 | 48 |
| 5.85 | 4 | 27 |
| 7.32 | 5 | 17 |

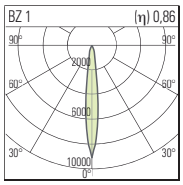



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

**8 W**
**LED IOS LL2**

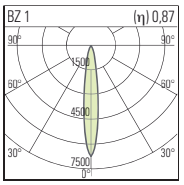
## 880 lm [WW]

### Ø.35Ø5Ø.ØØ A



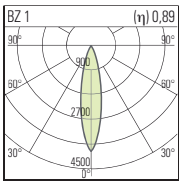

| 13° | | 8W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.22 | 1 | 7501 |
| 0.44 | 2 | 1875 |
| 0.66 | 3 | 833 |
| 0.89 | 4 | 469 |
| 1.11 | 5 | 300 |

### Ø.35Ø49.ØØ B



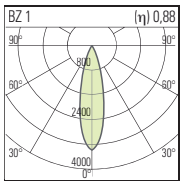

| 15° | | 8W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.26 | 1 | 5596 |
| 0.52 | 2 | 1399 |
| 0.78 | 3 | 622 |
| 1.03 | 4 | 350 |
| 1.29 | 5 | 224 |

### Ø.35Ø51.ØØ C



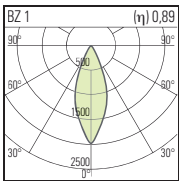

| 22° | | 8W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.40 | 1 | 3309 |
| 0.80 | 2 | 827 |
| 1.19 | 3 | 368 |
| 1.59 | 4 | 207 |
| 1.99 | 5 | 132 |

### Ø.35Ø52.ØØ D



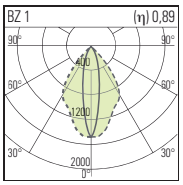

| 26° | | 8W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.46 | 1 | 2795 |
| 0.92 | 2 | 699 |
| 1.39 | 3 | 311 |
| 1.85 | 4 | 175 |
| 2.31 | 5 | 112 |

### Ø.35Ø53.ØØ E




| 38° | | 8W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.68 | 1 | 1656 |
| 1.36 | 2 | 414 |
| 2.04 | 3 | 184 |
| 2.72 | 4 | 104 |
| 3.39 | 5 | 66 |

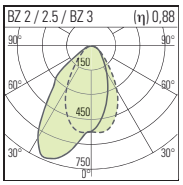
### Ø.35Ø54.ØØ F (Mira)




| 21° | | 8W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.37 | 1 | 1191 |
| 0.74 | 2 | 298 |
| 1.11 | 3 | 132 |
| 1.48 | 4 | 74 |
| 1.85 | 5 | 48 |

| 70° | | 8W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.40 | 1 | 1191 |
| 2.81 | 2 | 298 |
| 4.21 | 3 | 132 |
| 5.62 | 4 | 74 |
| 7.02 | 5 | 48 |

### Ø.35Ø59.ØØ H (Wall Washer)

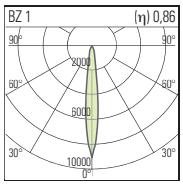



| 74° | | 8W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.13 | 1 | 493 |
| 2.26 | 2 | 123 |
| 3.40 | 3 | 55 |
| 4.53 | 4 | 31 |
| 5.66 | 5 | 20 |

| 68° | | 8W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.46 | 1 | 493 |
| 2.93 | 2 | 123 |
| 4.39 | 3 | 55 |
| 5.85 | 4 | 31 |
| 7.32 | 5 | 20 |

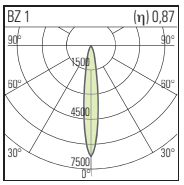
## 975 lm [NN]

### Ø.35Ø5Ø.ØØ A



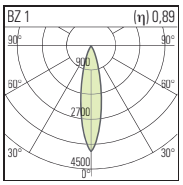

| 13° | | 8W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.22 | 1 | 8318 |
| 0.44 | 2 | 2079 |
| 0.66 | 3 | 924 |
| 0.89 | 4 | 520 |
| 1.11 | 5 | 333 |

### Ø.35Ø49.ØØ B



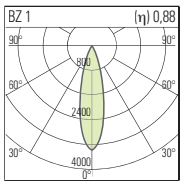

| 15° | | 8W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.26 | 1 | 6205 |
| 0.52 | 2 | 1551 |
| 0.78 | 3 | 689 |
| 1.03 | 4 | 388 |
| 1.29 | 5 | 248 |

### Ø.35Ø51.ØØ C



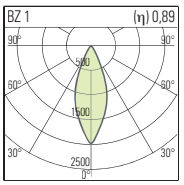

| 22° | | 8W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.40 | 1 | 3670 |
| 0.80 | 2 | 917 |
| 1.19 | 3 | 408 |
| 1.59 | 4 | 229 |
| 1.99 | 5 | 147 |

### Ø.35Ø52.ØØ D



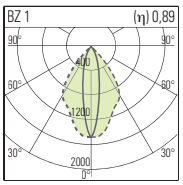

| 26° | | 8W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.46 | 1 | 3100 |
| 0.92 | 2 | 775 |
| 1.39 | 3 | 344 |
| 1.85 | 4 | 194 |
| 2.31 | 5 | 124 |

### Ø.35Ø53.ØØ E




| 38° | | 8W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.68 | 1 | 1836 |
| 1.36 | 2 | 459 |
| 2.04 | 3 | 204 |
| 2.72 | 4 | 115 |
| 3.39 | 5 | 73 |

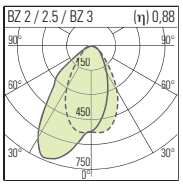
### Ø.35Ø54.ØØ F (Mira)




| 21° | | 8W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.37 | 1 | 1320 |
| 0.74 | 2 | 330 |
| 1.11 | 3 | 147 |
| 1.48 | 4 | 83 |
| 1.85 | 5 | 53 |

| 70° | | 8W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.40 | 1 | 1320 |
| 2.81 | 2 | 330 |
| 4.21 | 3 | 147 |
| 5.62 | 4 | 83 |
| 7.02 | 5 | 53 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 74° | | 8W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.13 | 1 | 547 |
| 2.26 | 2 | 137 |
| 3.40 | 3 | 61 |
| 4.53 | 4 | 34 |
| 5.66 | 5 | 22 |

| 68° | | 8W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.46 | 1 | 547 |
| 2.93 | 2 | 137 |
| 4.39 | 3 | 61 |
| 5.85 | 4 | 34 |
| 7.32 | 5 | 22 |



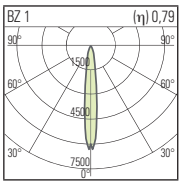



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

12 W
LED
IOS
LL2

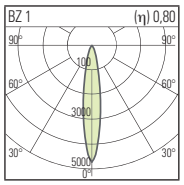
## 971 lm [HW]

### Ø.35Ø5Ø.ØØ A



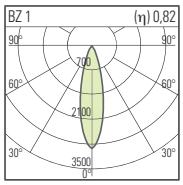

| 13° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.23 | 1 | 5405 |
| 0.46 | 2 | 1351 |
| 0.69 | 3 | 601 |
| 0.92 | 4 | 338 |
| 1.15 | 5 | 216 |

### Ø.35Ø49.ØØ B



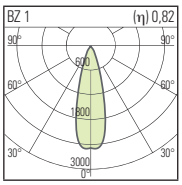

| 17° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.30 | 1 | 4106 |
| 0.59 | 2 | 1027 |
| 0.89 | 3 | 456 |
| 1.19 | 4 | 257 |
| 1.49 | 5 | 164 |

### Ø.35Ø51.ØØ C



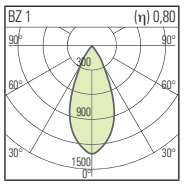

| 26° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.46 | 1 | 2449 |
| 0.92 | 2 | 637 |
| 1.37 | 3 | 283 |
| 1.83 | 4 | 159 |
| 2.29 | 5 | 102 |

### Ø.35Ø52.ØØ D



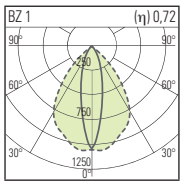

| 29° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.53 | 1 | 2180 |
| 1.05 | 2 | 545 |
| 1.58 | 3 | 242 |
| 2.11 | 4 | 136 |
| 2.63 | 5 | 87 |

### Ø.35Ø53.ØØ E




| 45° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.83 | 1 | 1168 |
| 1.66 | 2 | 292 |
| 2.48 | 3 | 130 |
| 3.31 | 4 | 73 |
| 4.14 | 5 | 47 |

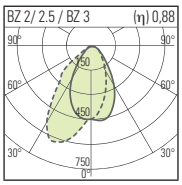
### Ø.35Ø54.ØØ F (Mira)




| 24° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.42 | 1 | 917 |
| 0.84 | 2 | 229 |
| 1.27 | 3 | 102 |
| 1.69 | 4 | 57 |
| 2.11 | 5 | 37 |

| 76° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.55 | 1 | 917 |
| 3.10 | 2 | 229 |
| 4.65 | 3 | 102 |
| 6.20 | 4 | 57 |
| 7.75 | 5 | 37 |

### Ø.35Ø59.ØØ H (Wall Washer)

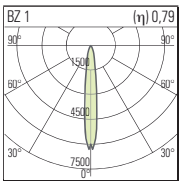



| 55° | | 8W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.13 | 1 | 475 |
| 2.26 | 2 | 119 |
| 3.40 | 3 | 53 |
| 4.53 | 4 | 30 |
| 5.66 | 5 | 19 |

| 68° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.48 | 1 | 475 |
| 2.96 | 2 | 119 |
| 4.44 | 3 | 53 |
| 5.92 | 4 | 30 |
| 7.40 | 5 | 19 |

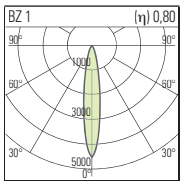
## 1155 lm [HQ]

### Ø.35Ø5Ø.ØØ A



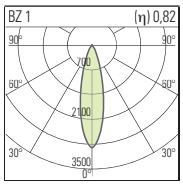

| 13° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.23 | 1 | 6432 |
| 0.46 | 2 | 1608 |
| 0.69 | 3 | 715 |
| 0.92 | 4 | 402 |
| 1.15 | 5 | 257 |

### Ø.35Ø49.ØØ B



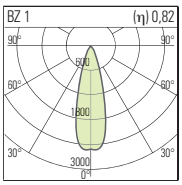

| 17° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.30 | 1 | 4886 |
| 0.59 | 2 | 1222 |
| 0.89 | 3 | 543 |
| 1.19 | 4 | 305 |
| 1.49 | 5 | 195 |

### Ø.35Ø51.ØØ C



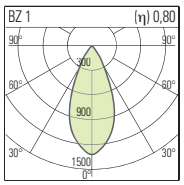

| 26° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.46 | 1 | 3034 |
| 0.92 | 2 | 758 |
| 1.37 | 3 | 337 |
| 1.83 | 4 | 190 |
| 2.29 | 5 | 121 |

### Ø.35Ø52.ØØ D



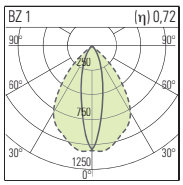

| 29° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.53 | 1 | 2594 |
| 1.05 | 2 | 648 |
| 1.58 | 3 | 288 |
| 2.11 | 4 | 162 |
| 2.63 | 5 | 104 |

### Ø.35Ø53.ØØ E




| 45° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.83 | 1 | 1389 |
| 1.66 | 2 | 347 |
| 2.48 | 3 | 154 |
| 3.31 | 4 | 87 |
| 4.14 | 5 | 56 |

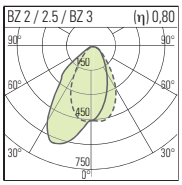
### Ø.35Ø54.ØØ F (Mira)




| 24° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.42 | 1 | 1091 |
| 0.84 | 2 | 273 |
| 1.27 | 3 | 121 |
| 1.69 | 4 | 68 |
| 2.11 | 5 | 44 |

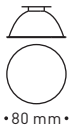
| 76° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.55 | 1 | 1091 |
| 3.10 | 2 | 273 |
| 4.65 | 3 | 121 |
| 6.20 | 4 | 68 |
| 7.75 | 5 | 44 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 55° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.13 | 1 | 564 |
| 2.26 | 2 | 141 |
| 3.40 | 3 | 63 |
| 4.53 | 4 | 35 |
| 5.66 | 5 | 23 |

| 68° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.46 | 1 | 564 |
| 2.93 | 2 | 141 |
| 4.39 | 3 | 63 |
| 5.85 | 4 | 35 |
| 7.32 | 5 | 23 |

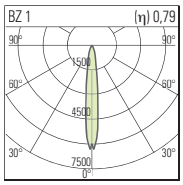



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

12 W
LED
IOS
LL2

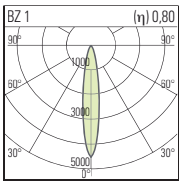
## 1320 lm [WW]

### Ø.35Ø5Ø.ØØ A



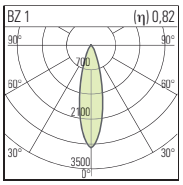

| 13° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.23 | 1 | 7347 |
| 0.46 | 2 | 1837 |
| 0.69 | 3 | 816 |
| 0.92 | 4 | 459 |
| 1.15 | 5 | 294 |

### Ø.35Ø49.ØØ B



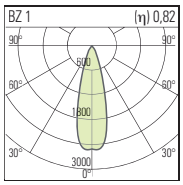

| 17° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.30 | 1 | 5581 |
| 0.59 | 2 | 1395 |
| 0.89 | 3 | 620 |
| 1.19 | 4 | 349 |
| 1.49 | 5 | 223 |

### Ø.35Ø51.ØØ C



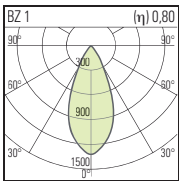

| 26° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.46 | 1 | 3465 |
| 0.92 | 2 | 866 |
| 1.37 | 3 | 385 |
| 1.83 | 4 | 217 |
| 2.29 | 5 | 139 |

### Ø.35Ø52.ØØ D



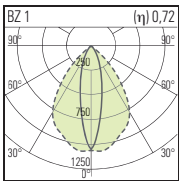

| 29° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.53 | 1 | 2963 |
| 1.05 | 2 | 741 |
| 1.58 | 3 | 329 |
| 2.11 | 4 | 185 |
| 2.63 | 5 | 119 |

### Ø.35Ø53.ØØ E




| 45° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.83 | 1 | 1587 |
| 1.66 | 2 | 397 |
| 2.48 | 3 | 176 |
| 3.31 | 4 | 99 |
| 4.14 | 5 | 63 |

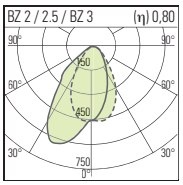
### Ø.35Ø54.ØØ F (Mira)




| 24° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.42 | 1 | 1247 |
| 0.84 | 2 | 312 |
| 1.27 | 3 | 139 |
| 1.69 | 4 | 78 |
| 2.11 | 5 | 50 |

| 76° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.55 | 1 | 1247 |
| 3.10 | 2 | 312 |
| 4.65 | 3 | 139 |
| 6.20 | 4 | 78 |
| 7.75 | 5 | 50 |

### Ø.35Ø59.ØØ H (Wall Washer)

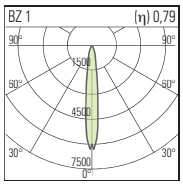



| 55° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.13 | 1 | 644 |
| 2.26 | 2 | 161 |
| 3.40 | 3 | 72 |
| 4.53 | 4 | 40 |
| 5.66 | 5 | 26 |

| 68° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.46 | 1 | 644 |
| 2.93 | 2 | 161 |
| 4.39 | 3 | 72 |
| 5.85 | 4 | 40 |
| 7.32 | 5 | 26 |

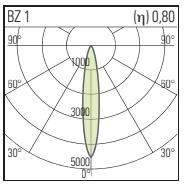
## 1460 lm [NN]

### Ø.35Ø5Ø.ØØ A



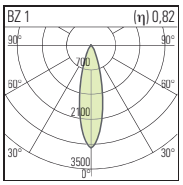

| 13° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.23 | 1 | 8126 |
| 0.46 | 2 | 2032 |
| 0.69 | 3 | 903 |
| 0.92 | 4 | 508 |
| 1.15 | 5 | 325 |

### Ø.35Ø49.ØØ B



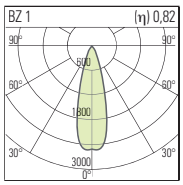

| 17° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.30 | 1 | 6173 |
| 0.59 | 2 | 1543 |
| 0.89 | 3 | 686 |
| 1.19 | 4 | 386 |
| 1.49 | 5 | 247 |

### Ø.35Ø51.ØØ C



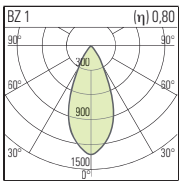

| 26° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.46 | 1 | 3833 |
| 0.92 | 2 | 958 |
| 1.37 | 3 | 426 |
| 1.83 | 4 | 240 |
| 2.29 | 5 | 153 |

### Ø.35Ø52.ØØ D



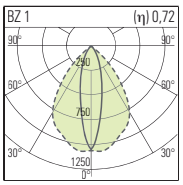

| 29° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.53 | 1 | 3277 |
| 1.05 | 2 | 819 |
| 1.58 | 3 | 364 |
| 2.11 | 4 | 205 |
| 2.63 | 5 | 131 |

### Ø.35Ø53.ØØ E




| 45° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.83 | 1 | 1755 |
| 1.66 | 2 | 439 |
| 2.48 | 3 | 195 |
| 3.31 | 4 | 110 |
| 4.14 | 5 | 70 |

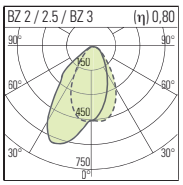
### Ø.35Ø54.ØØ F (Mira)




| 24° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.42 | 1 | 1379 |
| 0.84 | 2 | 345 |
| 1.27 | 3 | 153 |
| 1.69 | 4 | 86 |
| 2.11 | 5 | 55 |

| 76° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.55 | 1 | 1379 |
| 3.10 | 2 | 345 |
| 4.65 | 3 | 153 |
| 6.20 | 4 | 86 |
| 7.75 | 5 | 55 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 55° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.13 | 1 | 713 |
| 2.26 | 2 | 178 |
| 3.40 | 3 | 79 |
| 4.53 | 4 | 45 |
| 5.66 | 5 | 29 |

| 68° | | 12W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.46 | 1 | 713 |
| 2.93 | 2 | 178 |
| 4.39 | 3 | 79 |
| 5.85 | 4 | 45 |
| 7.32 | 5 | 29 |





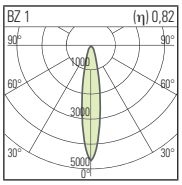

IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

15 W

LED
IOS
LL2

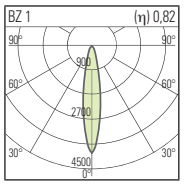
## 1305 lm [HW]

### Ø.35Ø5Ø.ØØ A



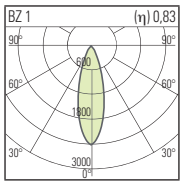

| 16° | 15W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.29 | 1 | 5210 |
| 0.57 | 2 | 1303 |
| 0.86 | 3 | 579 |
| 1.15 | 4 | 326 |
| 1.43 | 5 | 208 |

### Ø.35Ø49.ØØ B



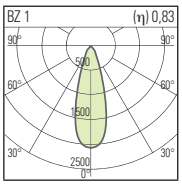

| 18° | 15W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.32 | 1 | 4550 |
| 0.65 | 2 | 1137 |
| 0.97 | 3 | 506 |
| 1.30 | 4 | 284 |
| 1.62 | 5 | 182 |

### Ø.35Ø51.ØØ C



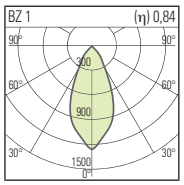

| 28° | 15W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.50 | 1 | 2768 |
| 1.01 | 2 | 692 |
| 1.51 | 3 | 308 |
| 2.01 | 4 | 173 |
| 2.51 | 5 | 111 |

### Ø.35Ø52.ØØ D



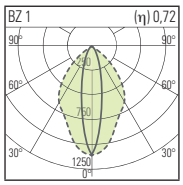

| 32° | 15W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.57 | 1 | 2368 |
| 1.15 | 2 | 592 |
| 1.72 | 3 | 263 |
| 2.30 | 4 | 148 |
| 2.87 | 5 | 95 |

### Ø.35Ø53.ØØ E




| 46° | 15W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.86 | 1 | 1440 |
| 1.72 | 2 | 360 |
| 2.57 | 3 | 160 |
| 3.43 | 4 | 90 |
| 4.29 | 5 | 58 |

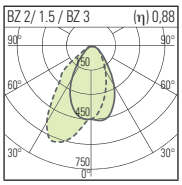
### Ø.35Ø54.ØØ F (Mira)




| 21° | 15W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.38 | 1 | 1272 |
| 0.76 | 2 | 318 |
| 1.13 | 3 | 141 |
| 1.51 | 4 | 80 |
| 1.89 | 5 | 51 |

| 72° | 15W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.47 | 1 | 1272 |
| 2.94 | 2 | 318 |
| 4.41 | 3 | 141 |
| 5.88 | 4 | 80 |
| 7.35 | 5 | 51 |

### Ø.35Ø59.ØØ H (Wall Washer)

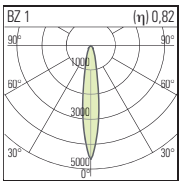



| 57° | 15W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.19 | 1 | 621 |
| 2.39 | 2 | 155 |
| 3.58 | 3 | 69 |
| 4.78 | 4 | 39 |
| 5.97 | 5 | 25 |

| 67° | 15W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.45 | 1 | 621 |
| 2.90 | 2 | 155 |
| 4.34 | 3 | 69 |
| 5.79 | 4 | 39 |
| 7.24 | 5 | 25 |

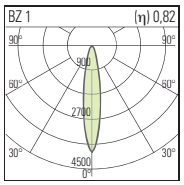
## 1540 lm [HQ]

### Ø.35Ø5Ø.ØØ A



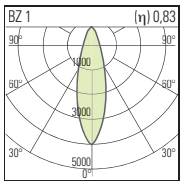

| 16° | 15W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.29 | 1 | 6144 |
| 0.57 | 2 | 1536 |
| 0.86 | 3 | 683 |
| 1.15 | 4 | 384 |
| 1.43 | 5 | 246 |

### Ø.35Ø49.ØØ B



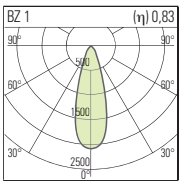

| 18° | 15W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.32 | 1 | 5365 |
| 0.65 | 2 | 1341 |
| 0.97 | 3 | 596 |
| 1.30 | 4 | 335 |
| 1.62 | 5 | 215 |

### Ø.35Ø51.ØØ C



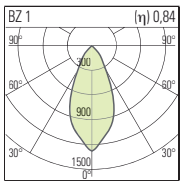

| 28° | 15W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.50 | 1 | 3264 |
| 1.01 | 2 | 816 |
| 1.51 | 3 | 363 |
| 2.01 | 4 | 204 |
| 2.51 | 5 | 131 |

### Ø.35Ø52.ØØ D



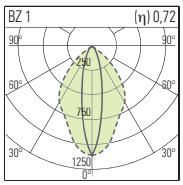

| 32° | 15W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.57 | 1 | 2792 |
| 1.15 | 2 | 698 |
| 1.72 | 3 | 310 |
| 2.30 | 4 | 175 |
| 2.87 | 5 | 112 |

### Ø.35Ø53.ØØ E




| 46° | 15W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.86 | 1 | 1698 |
| 1.72 | 2 | 425 |
| 2.57 | 3 | 189 |
| 3.43 | 4 | 106 |
| 4.29 | 5 | 68 |

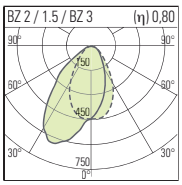
### Ø.35Ø54.ØØ F (Mira)




| 21° | 15W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.38 | 1 | 1501 |
| 0.76 | 2 | 375 |
| 1.13 | 3 | 167 |
| 1.51 | 4 | 94 |
| 1.89 | 5 | 60 |

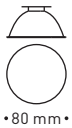
| 73° | 15W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.47 | 1 | 1501 |
| 2.94 | 2 | 375 |
| 4.41 | 3 | 167 |
| 5.88 | 4 | 94 |
| 7.35 | 5 | 60 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 57° | 15W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.19 | 1 | 732 |
| 2.39 | 2 | 183 |
| 3.58 | 3 | 81 |
| 4.78 | 4 | 46 |
| 5.97 | 5 | 29 |

| 67° | 15W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.44 | 1 | 732 |
| 2.88 | 2 | 183 |
| 4.32 | 3 | 81 |
| 5.76 | 4 | 46 |
| 7.20 | 5 | 29 |

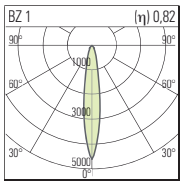



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

15 W
LED
IOS
LL2

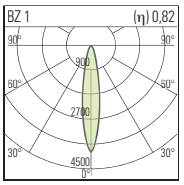
## 1740 lm [WW]

### Ø.35Ø5Ø.ØØ A



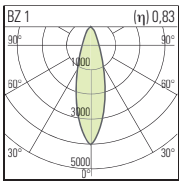

| 16° | | 15W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.29 | 1 | 6942 |
| 0.57 | 2 | 1736 |
| 0.86 | 3 | 771 |
| 1.15 | 4 | 434 |
| 1.43 | 5 | 278 |

### Ø.35Ø49.ØØ B



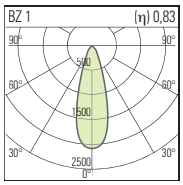

| 18° | | 15W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.32 | 1 | 6062 |
| 0.65 | 2 | 1516 |
| 0.97 | 3 | 674 |
| 1.30 | 4 | 379 |
| 1.62 | 5 | 242 |

### Ø.35Ø51.ØØ C



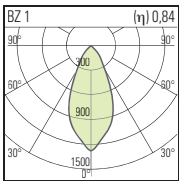

| 28° | | 15W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.50 | 1 | 3688 |
| 1.01 | 2 | 922 |
| 1.51 | 3 | 410 |
| 2.01 | 4 | 230 |
| 2.51 | 5 | 148 |

### Ø.35Ø52.ØØ D



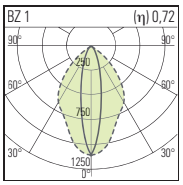

| 32° | | 15W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.57 | 1 | 3155 |
| 1.15 | 2 | 789 |
| 1.72 | 3 | 351 |
| 2.30 | 4 | 197 |
| 2.87 | 5 | 126 |

### Ø.35Ø53.ØØ E




| 46° | | 15W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.86 | 1 | 1919 |
| 1.72 | 2 | 480 |
| 2.57 | 3 | 213 |
| 3.43 | 4 | 120 |
| 4.29 | 5 | 77 |

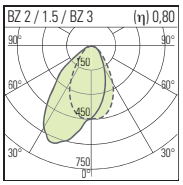
### Ø.35Ø54.ØØ F (Mira)




| 21° | | 15W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.38 | 1 | 1696 |
| 0.76 | 2 | 424 |
| 1.13 | 3 | 188 |
| 1.51 | 4 | 106 |
| 1.89 | 5 | 68 |

| 73° | | 15W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.47 | 1 | 1696 |
| 2.94 | 2 | 424 |
| 4.41 | 3 | 188 |
| 5.88 | 4 | 106 |
| 7.35 | 5 | 68 |

### Ø.35Ø59.ØØ H (Wall Washer)

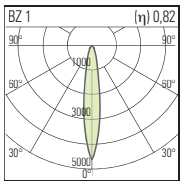



| 57° | | 15W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.19 | 1 | 827 |
| 2.39 | 2 | 207 |
| 3.58 | 3 | 92 |
| 4.78 | 4 | 52 |
| 5.97 | 5 | 33 |

| 67° | | 15W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.44 | 1 | 827 |
| 2.88 | 2 | 207 |
| 4.32 | 3 | 92 |
| 5.76 | 4 | 52 |
| 7.20 | 5 | 33 |

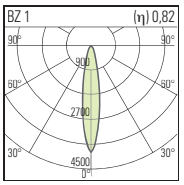
## 1915 lm [NN]

### Ø.35Ø5Ø.ØØ A



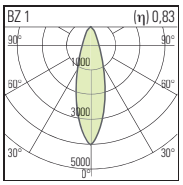

| 16° | | 15W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.29 | 1 | 7640 |
| 0.57 | 2 | 1910 |
| 0.86 | 3 | 849 |
| 1.15 | 4 | 478 |
| 1.43 | 5 | 306 |

### Ø.35Ø49.ØØ B



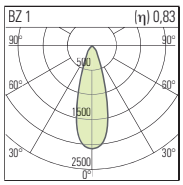

| 18° | | 15W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.32 | 1 | 6672 |
| 0.65 | 2 | 1668 |
| 0.97 | 3 | 741 |
| 1.30 | 4 | 417 |
| 1.62 | 5 | 267 |

### Ø.35Ø51.ØØ C



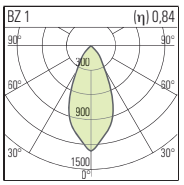

| 28° | | 15W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.50 | 1 | 4059 |
| 1.01 | 2 | 1015 |
| 1.51 | 3 | 451 |
| 2.01 | 4 | 254 |
| 2.51 | 5 | 162 |

### Ø.35Ø52.ØØ D



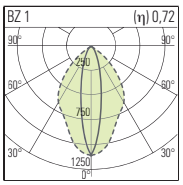

| 32° | | 15W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.57 | 1 | 3473 |
| 1.15 | 2 | 868 |
| 1.72 | 3 | 386 |
| 2.30 | 4 | 217 |
| 2.87 | 5 | 139 |

### Ø.35Ø53.ØØ E




| 46° | | 15W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.86 | 1 | 2112 |
| 1.72 | 2 | 528 |
| 2.57 | 3 | 235 |
| 3.43 | 4 | 132 |
| 4.29 | 5 | 84 |

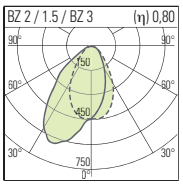
### Ø.35Ø54.ØØ F (Mira)




| 21° | | 15W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.38 | 1 | 1866 |
| 0.76 | 2 | 467 |
| 1.13 | 3 | 207 |
| 1.51 | 4 | 117 |
| 1.89 | 5 | 75 |

| 72° | | 15W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.47 | 1 | 1866 |
| 2.94 | 2 | 467 |
| 4.41 | 3 | 207 |
| 5.88 | 4 | 117 |
| 7.35 | 5 | 75 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 57° | | 15W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.19 | 1 | 910 |
| 2.39 | 2 | 228 |
| 3.58 | 3 | 101 |
| 4.78 | 4 | 57 |
| 5.97 | 5 | 36 |

| 67° | | 15W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.44 | 1 | 910 |
| 2.88 | 2 | 228 |
| 4.32 | 3 | 101 |
| 5.76 | 4 | 57 |
| 7.20 | 5 | 36 |

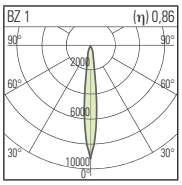



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

16 W
LED
IOS
LL2

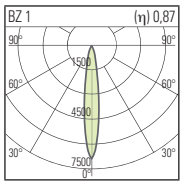
## 1055 lm [HW]

### Ø.35Ø5Ø.ØØ A



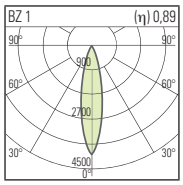

| 13° | | 16W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.22 | 1 | 9025 |
| 0.44 | 2 | 2256 |
| 0.66 | 3 | 1003 |
| 0.89 | 4 | 564 |
| 1.11 | 5 | 361 |

### Ø.35Ø49.ØØ B



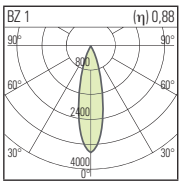

| 15° | | 16W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.26 | 1 | 6733 |
| 0.52 | 2 | 1683 |
| 0.78 | 3 | 748 |
| 1.03 | 4 | 421 |
| 1.29 | 5 | 269 |

### Ø.35Ø51.ØØ C



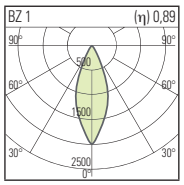

| 22° | | 16W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.40 | 1 | 3982 |
| 0.80 | 2 | 995 |
| 1.19 | 3 | 442 |
| 1.59 | 4 | 249 |
| 1.99 | 5 | 159 |

### Ø.35Ø52.ØØ D



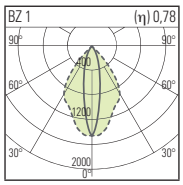

| 26° | | 16W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.46 | 1 | 3363 |
| 0.92 | 2 | 841 |
| 1.39 | 3 | 374 |
| 1.85 | 4 | 210 |
| 2.31 | 5 | 135 |

### Ø.35Ø53.ØØ E




| 38° | | 16W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.68 | 1 | 1993 |
| 1.36 | 2 | 498 |
| 2.04 | 3 | 221 |
| 2.72 | 4 | 125 |
| 3.39 | 5 | 80 |

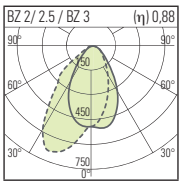
### Ø.35Ø54.ØØ F (Mira)




| 21° | | 16W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.37 | 1 | 1432 |
| 0.74 | 2 | 358 |
| 1.11 | 3 | 159 |
| 1.48 | 4 | 90 |
| 1.85 | 5 | 57 |

| 70° | | 16W |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.40 | 1 | 1432 |
| 2.81 | 2 | 358 |
| 4.21 | 3 | 159 |
| 5.62 | 4 | 90 |
| 7.02 | 5 | 57 |

### Ø.35Ø59.ØØ H (Wall Washer)

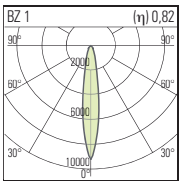



| 55° | | 16W |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.13 | 1 | 595 |
| 2.26 | 2 | 149 |
| 3.40 | 3 | 66 |
| 4.53 | 4 | 37 |
| 5.66 | 5 | 24 |

| 68° | | 16W |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.48 | 1 | 595 |
| 2.96 | 2 | 149 |
| 4.44 | 3 | 66 |
| 5.92 | 4 | 37 |
| 7.40 | 5 | 24 |

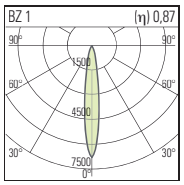
## 1330 lm [HQ]

### Ø.35Ø5Ø.ØØ A



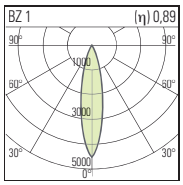

| 13° | | 16W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.22 | 1 | 11338 |
| 0.44 | 2 | 2835 |
| 0.66 | 3 | 1260 |
| 0.89 | 4 | 709 |
| 1.11 | 5 | 454 |

### Ø.35Ø49.ØØ B



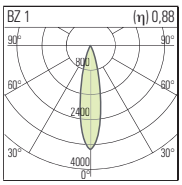

| 15° | | 16W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.26 | 1 | 8458 |
| 0.52 | 2 | 2115 |
| 0.78 | 3 | 940 |
| 1.03 | 4 | 529 |
| 1.29 | 5 | 338 |

### Ø.35Ø51.ØØ C



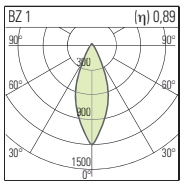

| 22° | | 16W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.40 | 1 | 5002 |
| 0.80 | 2 | 1251 |
| 1.19 | 3 | 556 |
| 1.59 | 4 | 313 |
| 1.99 | 5 | 200 |

### Ø.35Ø52.ØØ D



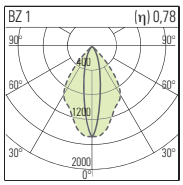

| 26° | | 16W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.46 | 1 | 4225 |
| 0.92 | 2 | 1056 |
| 1.39 | 3 | 469 |
| 1.85 | 4 | 264 |
| 2.31 | 5 | 169 |

### Ø.35Ø53.ØØ E




| 38° | | 16W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.68 | 1 | 2503 |
| 1.36 | 2 | 626 |
| 2.04 | 3 | 278 |
| 2.72 | 4 | 156 |
| 3.39 | 5 | 100 |

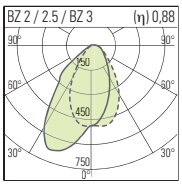
### Ø.35Ø54.ØØ F (Mira)




| 21° | | 16W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.37 | 1 | 1799 |
| 0.74 | 2 | 450 |
| 1.11 | 3 | 200 |
| 1.48 | 4 | 112 |
| 1.85 | 5 | 72 |

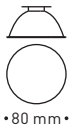
| 70° | | 16W |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.40 | 1 | 1799 |
| 2.81 | 2 | 450 |
| 4.21 | 3 | 200 |
| 5.62 | 4 | 112 |
| 7.02 | 5 | 72 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 55° | | 16W |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.13 | 1 | 746 |
| 2.26 | 2 | 186 |
| 3.40 | 3 | 83 |
| 4.53 | 4 | 47 |
| 5.66 | 5 | 30 |

| 68° | | 16W |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.46 | 1 | 746 |
| 2.93 | 2 | 186 |
| 4.39 | 3 | 83 |
| 5.85 | 4 | 47 |
| 7.32 | 5 | 30 |

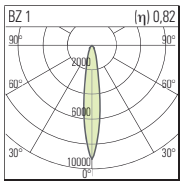



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

**16 W**
**LED IOS LL2**

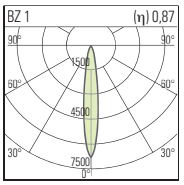
## 1655 lm [WW]

### Ø.35Ø5Ø.ØØ A



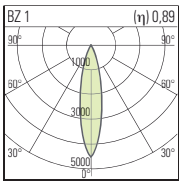

| 13° | | 16W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.22 | 1 | 14114 |
| 0.44 | 2 | 3528 |
| 0.66 | 3 | 1568 |
| 0.89 | 4 | 882 |
| 1.11 | 5 | 565 |

### Ø.35Ø49.ØØ B



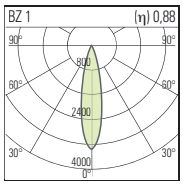

| 15° | | 16W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.26 | 1 | 10529 |
| 0.52 | 2 | 2632 |
| 0.78 | 3 | 1170 |
| 1.03 | 4 | 658 |
| 1.29 | 5 | 421 |

### Ø.35Ø51.ØØ C



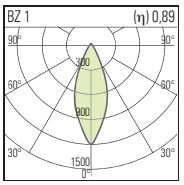

| 22° | | 16W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.40 | 1 | 6227 |
| 0.80 | 2 | 1557 |
| 1.19 | 3 | 692 |
| 1.59 | 4 | 389 |
| 1.99 | 5 | 249 |

### Ø.35Ø52.ØØ D



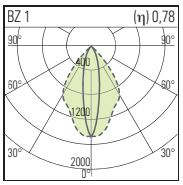

| 26° | | 16W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.46 | 1 | 5259 |
| 0.92 | 2 | 1315 |
| 1.39 | 3 | 584 |
| 1.85 | 4 | 329 |
| 2.31 | 5 | 210 |

### Ø.35Ø53.ØØ E




| 38° | | 16W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.68 | 1 | 3116 |
| 1.36 | 2 | 779 |
| 2.04 | 3 | 346 |
| 2.72 | 4 | 195 |
| 3.39 | 5 | 125 |

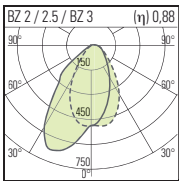
### Ø.35Ø54.ØØ F (Mira)




| 21° | | 16W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.37 | 1 | 2240 |
| 0.74 | 2 | 560 |
| 1.11 | 3 | 249 |
| 1.48 | 4 | 140 |
| 1.85 | 5 | 90 |

| 70° | | 16W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.40 | 1 | 2240 |
| 2.81 | 2 | 560 |
| 4.21 | 3 | 249 |
| 5.62 | 4 | 140 |
| 7.02 | 5 | 90 |

### Ø.35Ø59.ØØ H (Wall Washer)

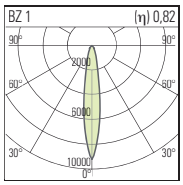



| 55° | | 16W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.13 | 1 | 928 |
| 2.26 | 2 | 232 |
| 3.40 | 3 | 103 |
| 4.53 | 4 | 58 |
| 5.66 | 5 | 37 |

| 68° | | 16W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.46 | 1 | 928 |
| 2.93 | 2 | 232 |
| 4.39 | 3 | 103 |
| 5.85 | 4 | 58 |
| 7.32 | 5 | 37 |

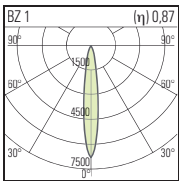
## 1760 lm [NN]

### Ø.35Ø5Ø.ØØ A



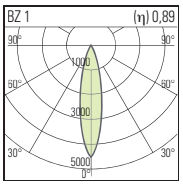

| 13° | | 16W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.22 | 1 | 15003 |
| 0.44 | 2 | 3751 |
| 0.66 | 3 | 1667 |
| 0.89 | 4 | 938 |
| 1.11 | 5 | 600 |

### Ø.35Ø49.ØØ B



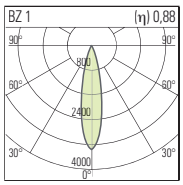

| 15° | | 16W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.26 | 1 | 11192 |
| 0.52 | 2 | 2798 |
| 0.78 | 3 | 1244 |
| 1.03 | 4 | 699 |
| 1.29 | 5 | 448 |

### Ø.35Ø51.ØØ C



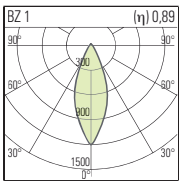

| 22° | | 16W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.40 | 1 | 6619 |
| 0.80 | 2 | 1655 |
| 1.19 | 3 | 735 |
| 1.59 | 4 | 414 |
| 1.99 | 5 | 265 |

### Ø.35Ø52.ØØ D



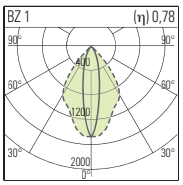

| 26° | | 16W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.46 | 1 | 5591 |
| 0.92 | 2 | 1398 |
| 1.39 | 3 | 621 |
| 1.85 | 4 | 349 |
| 2.31 | 5 | 224 |

### Ø.35Ø53.ØØ E




| 38° | | 16W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.68 | 1 | 3312 |
| 1.36 | 2 | 828 |
| 2.04 | 3 | 368 |
| 2.72 | 4 | 207 |
| 3.39 | 5 | 132 |

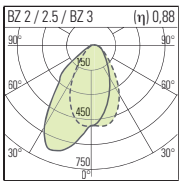
### Ø.35Ø54.ØØ F (Mira)




| 21° | | 16W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.37 | 1 | 2381 |
| 0.74 | 2 | 595 |
| 1.11 | 3 | 265 |
| 1.48 | 4 | 149 |
| 1.85 | 5 | 95 |

| 70° | | 16W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.40 | 1 | 2381 |
| 2.81 | 2 | 595 |
| 4.21 | 3 | 265 |
| 5.62 | 4 | 149 |
| 7.02 | 5 | 95 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 55° | | 16W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.13 | 1 | 987 |
| 2.26 | 2 | 247 |
| 3.40 | 3 | 110 |
| 4.53 | 4 | 62 |
| 5.66 | 5 | 39 |

| 68° | | 16W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.46 | 1 | 987 |
| 2.93 | 2 | 247 |
| 4.39 | 3 | 110 |
| 5.85 | 4 | 62 |
| 7.32 | 5 | 39 |





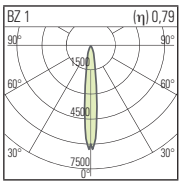

IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

24 W

LED
IOS
LL2

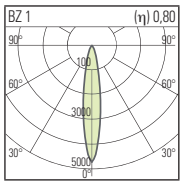
## 1637 lm [HW]

### Ø.35Ø5Ø.ØØ A



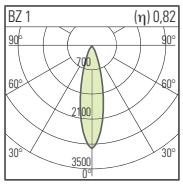

| 13° | 24W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.23 | 1 | 9110 |
| 0.46 | 2 | 2277 |
| 0.69 | 3 | 1012 |
| 0.92 | 4 | 569 |
| 1.15 | 5 | 364 |

### Ø.35Ø49.ØØ B



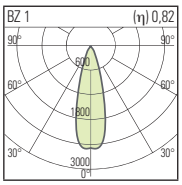

| 17° | 24W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.30 | 1 | 6920 |
| 0.59 | 2 | 1730 |
| 0.89 | 3 | 769 |
| 1.19 | 4 | 433 |
| 1.49 | 5 | 277 |

### Ø.35Ø51.ØØ C



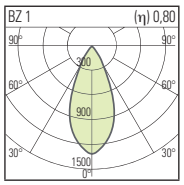

| 26° | 24W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.46 | 1 | 4297 |
| 0.92 | 2 | 1074 |
| 1.37 | 3 | 477 |
| 1.83 | 4 | 269 |
| 2.29 | 5 | 172 |

### Ø.35Ø52.ØØ D



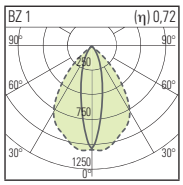

| 29° | 24W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.53 | 1 | 3673 |
| 1.05 | 2 | 918 |
| 1.58 | 3 | 408 |
| 2.11 | 4 | 230 |
| 2.63 | 5 | 147 |

### Ø.35Ø53.ØØ E



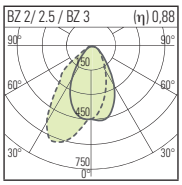

| 45° | 24W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.83 | 1 | 1968 |
| 1.66 | 2 | 492 |
| 2.48 | 3 | 219 |
| 3.31 | 4 | 123 |
| 4.14 | 5 | 79 |

### Ø.35Ø54.ØØ F (Mira)




| 24° | 24W | | 76° | 12W | |
|---|---|---|---|---|---|
| Ø/m | h/m | LUX | Ø/m | h/m | LUX |
| 0.42 | 1 | 1546 | 1.55 | 1 | 1546 |
| 0.84 | 2 | 386 | 3.10 | 2 | 386 |
| 1.27 | 3 | 172 | 4.65 | 3 | 172 |
| 1.69 | 4 | 97 | 6.20 | 4 | 97 |
| 2.11 | 5 | 62 | 7.75 | 5 | 62 |

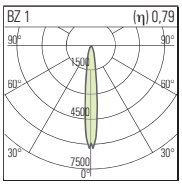
### Ø.35Ø59.ØØ H (Wall Washer)




| 55° | 24W | | 68° | 24W | |
|---|---|---|---|---|---|
| Ø/m | h/m | LUX | Ø/m | h/m | LUX |
| 1.13 | 1 | 801 | 1.48 | 1 | 801 |
| 2.26 | 2 | 200 | 2.96 | 2 | 200 |
| 3.40 | 3 | 89 | 4.44 | 3 | 89 |
| 4.53 | 4 | 50 | 5.92 | 4 | 50 |
| 5.66 | 5 | 32 | 7.40 | 5 | 32 |

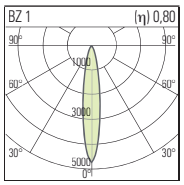
## 2030 lm [HQ]

### Ø.35Ø5Ø.ØØ A



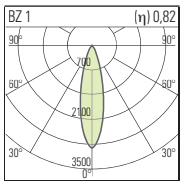

| 13° | 24W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.23 | 1 | 11299 |
| 0.46 | 2 | 2825 |
| 0.69 | 3 | 1255 |
| 0.92 | 4 | 706 |
| 1.15 | 5 | 452 |

### Ø.35Ø49.ØØ B



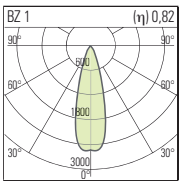

| 17° | 24W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.30 | 1 | 8583 |
| 0.59 | 2 | 2146 |
| 0.89 | 3 | 954 |
| 1.19 | 4 | 536 |
| 1.49 | 5 | 343 |

### Ø.35Ø51.ØØ C



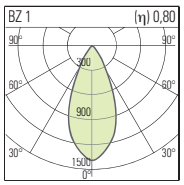

| 26° | 24W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.46 | 1 | 5329 |
| 0.92 | 2 | 1332 |
| 1.37 | 3 | 592 |
| 1.83 | 4 | 333 |
| 2.29 | 5 | 213 |

### Ø.35Ø52.ØØ D



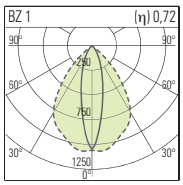

| 29° | 24W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.53 | 1 | 4556 |
| 1.05 | 2 | 1139 |
| 1.58 | 3 | 506 |
| 2.11 | 4 | 285 |
| 2.63 | 5 | 182 |

### Ø.35Ø53.ØØ E



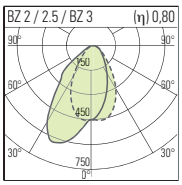

| 45° | 24W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.83 | 1 | 2441 |
| 1.66 | 2 | 610 |
| 2.48 | 3 | 271 |
| 3.31 | 4 | 153 |
| 4.14 | 5 | 98 |

### Ø.35Ø54.ØØ F (Mira)

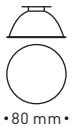



| 24° | 24W | | 76° | 24W | |
|---|---|---|---|---|---|
| Ø/m | h/m | LUX | Ø/m | h/m | LUX |
| 0.42 | 1 | 1917 | 1.55 | 1 | 1917 |
| 0.84 | 2 | 479 | 3.10 | 2 | 479 |
| 1.27 | 3 | 213 | 4.65 | 3 | 213 |
| 1.69 | 4 | 120 | 6.20 | 4 | 120 |
| 2.11 | 5 | 77 | 7.75 | 5 | 77 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 55° | 24W | | 68° | 24W | |
|---|---|---|---|---|---|
| Ø/m | h/m | LUX | Ø/m | h/m | LUX |
| 1.13 | 1 | 991 | 1.46 | 1 | 991 |
| 2.26 | 2 | 248 | 2.93 | 2 | 248 |
| 3.40 | 3 | 110 | 4.39 | 3 | 110 |
| 4.53 | 4 | 62 | 5.85 | 4 | 62 |
| 5.66 | 5 | 40 | 7.32 | 5 | 40 |

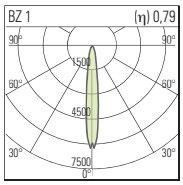



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

**24 W**
**LED IOS LL2**

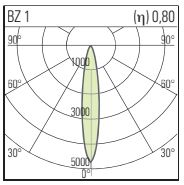
## 2470 lm [WW]

### Ø.35Ø5Ø.ØØ A



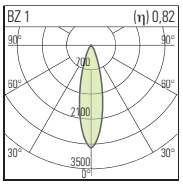

| 13° | | 24W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.23 | 1 | 13748 |
| 0.46 | 2 | 3437 |
| 0.69 | 3 | 1528 |
| 0.92 | 4 | 859 |
| 1.15 | 5 | 550 |

### Ø.35Ø49.ØØ B



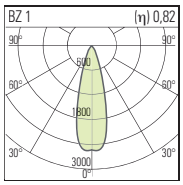

| 17° | | 24W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.30 | 1 | 10444 |
| 0.59 | 2 | 2611 |
| 0.89 | 3 | 1160 |
| 1.19 | 4 | 653 |
| 1.49 | 5 | 418 |

### Ø.35Ø51.ØØ C



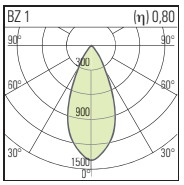

| 26° | | 24W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.46 | 1 | 6484 |
| 0.92 | 2 | 1621 |
| 1.37 | 3 | 720 |
| 1.83 | 4 | 405 |
| 2.29 | 5 | 259 |

### Ø.35Ø52.ØØ D



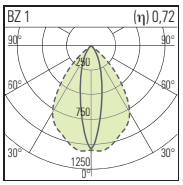

| 29° | | 24W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.53 | 1 | 5544 |
| 1.05 | 2 | 1386 |
| 1.58 | 3 | 616 |
| 2.11 | 4 | 346 |
| 2.63 | 5 | 222 |

### Ø.35Ø53.ØØ E



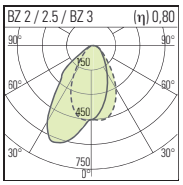

| 45° | | 24W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.83 | 1 | 2970 |
| 1.66 | 2 | 742 |
| 2.48 | 3 | 330 |
| 3.31 | 4 | 186 |
| 4.14 | 5 | 119 |

### Ø.35Ø54.ØØ F (Mira)




| 24° | | 24W | 76° | | 24W |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 0.42 | 1 | 2333 | 1.55 | 1 | 2333 |
| 0.84 | 2 | 583 | 3.10 | 2 | 583 |
| 1.27 | 3 | 259 | 4.65 | 3 | 259 |
| 1.69 | 4 | 146 | 6.20 | 4 | 146 |
| 2.11 | 5 | 93 | 7.75 | 5 | 93 |

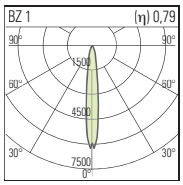
### Ø.35Ø59.ØØ H (Wall Washer)




| 55° | | 24W | 68° | | 24W |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 1.13 | 1 | 1206 | 1.46 | 1 | 1206 |
| 2.26 | 2 | 301 | 2.93 | 2 | 301 |
| 3.40 | 3 | 134 | 4.39 | 3 | 134 |
| 4.53 | 4 | 75 | 5.85 | 4 | 75 |
| 5.66 | 5 | 48 | 7.32 | 5 | 48 |

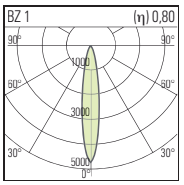
## 2565 lm [NN]

### Ø.35Ø5Ø.ØØ A



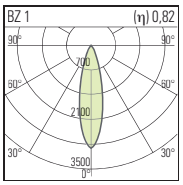

| 13° | | 24W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.23 | 1 | 14280 |
| 0.46 | 2 | 3570 |
| 0.69 | 3 | 1587 |
| 0.92 | 4 | 893 |
| 1.15 | 5 | 571 |

### Ø.35Ø49.ØØ B



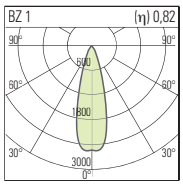

| 17° | | 24W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.30 | 1 | 10848 |
| 0.59 | 2 | 2712 |
| 0.89 | 3 | 1205 |
| 1.19 | 4 | 678 |
| 1.49 | 5 | 434 |

### Ø.35Ø51.ØØ C



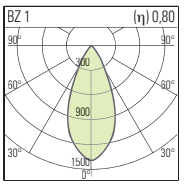

| 26° | | 24W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.46 | 1 | 6735 |
| 0.92 | 2 | 1684 |
| 1.37 | 3 | 748 |
| 1.83 | 4 | 421 |
| 2.29 | 5 | 269 |

### Ø.35Ø52.ØØ D



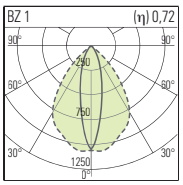

| 29° | | 24W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.53 | 1 | 5758 |
| 1.05 | 2 | 1440 |
| 1.58 | 3 | 640 |
| 2.11 | 4 | 360 |
| 2.63 | 5 | 230 |

### Ø.35Ø53.ØØ E



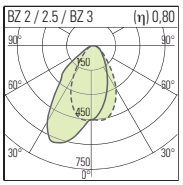

| 45° | | 24W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.83 | 1 | 3085 |
| 1.66 | 2 | 771 |
| 2.48 | 3 | 343 |
| 3.31 | 4 | 193 |
| 4.14 | 5 | 123 |

### Ø.35Ø54.ØØ F (Mira)




| 24° | | 24W | 76° | | 24W |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 0.42 | 1 | 2423 | 1.55 | 1 | 2433 |
| 0.84 | 2 | 606 | 3.10 | 2 | 606 |
| 1.27 | 3 | 269 | 4.65 | 3 | 269 |
| 1.69 | 4 | 151 | 6.20 | 4 | 151 |
| 2.11 | 5 | 97 | 7.75 | 5 | 97 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 55° | | 24W | 68° | | 24W |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 1.13 | 1 | 1252 | 1.46 | 1 | 1252 |
| 2.26 | 2 | 313 | 2.93 | 2 | 313 |
| 3.40 | 3 | 139 | 4.39 | 3 | 139 |
| 4.53 | 4 | 78 | 5.85 | 4 | 78 |
| 5.66 | 5 | 50 | 7.32 | 5 | 50 |



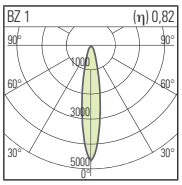



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

32 W
LED
IOS
LL2

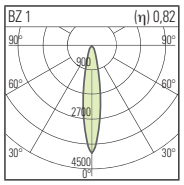
## 2136 lm [HW]

### Ø.35Ø5Ø.ØØ A



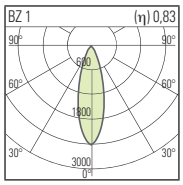

| 16° | 32W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.29 | 1 | 8507 |
| 0.57 | 2 | 2127 |
| 0.86 | 3 | 945 |
| 1.15 | 4 | 532 |
| 1.43 | 5 | 340 |

### Ø.35Ø49.ØØ B



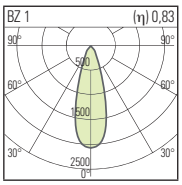

| 18° | 32W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.32 | 1 | 7428 |
| 0.65 | 2 | 1857 |
| 0.97 | 3 | 825 |
| 1.30 | 4 | 464 |
| 1.62 | 5 | 297 |

### Ø.35Ø51.ØØ C



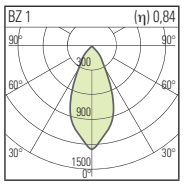

| 28° | 32W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.50 | 1 | 4519 |
| 1.01 | 2 | 1130 |
| 1.51 | 3 | 502 |
| 2.01 | 4 | 282 |
| 2.51 | 5 | 181 |

### Ø.35Ø52.ØØ D



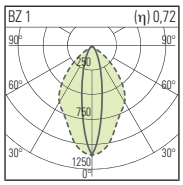

| 32° | 32W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.57 | 1 | 3866 |
| 1.15 | 2 | 967 |
| 1.72 | 3 | 430 |
| 2.30 | 4 | 242 |
| 2.87 | 5 | 155 |

### Ø.35Ø53.ØØ E



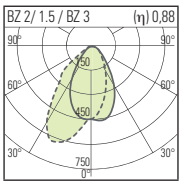

| 46° | 32W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.86 | 1 | 2351 |
| 1.72 | 2 | 588 |
| 2.57 | 3 | 261 |
| 3.43 | 4 | 147 |
| 4.29 | 5 | 94 |

### Ø.35Ø54.ØØ F (Mira)




| 21° | 32W | | 73° | 32W | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 0.38 | 1 | 2078 | 1.47 | 1 | 2078 |
| 0.76 | 2 | 519 | 2.94 | 2 | 519 |
| 1.13 | 3 | 231 | 4.41 | 3 | 231 |
| 1.51 | 4 | 130 | 5.88 | 4 | 130 |
| 1.89 | 5 | 83 | 7.35 | 5 | 83 |

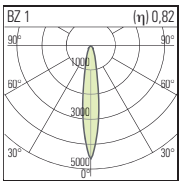
### Ø.35Ø59.ØØ H (Wall Washer)




| 57° | 32W | | 67° | 32W | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 1.19 | 1 | 1013 | 1.45 | 1 | 1013 |
| 2.39 | 2 | 253 | 2.90 | 2 | 253 |
| 3.58 | 3 | 113 | 4.34 | 3 | 113 |
| 4.78 | 4 | 63 | 5.79 | 4 | 63 |
| 5.97 | 5 | 41 | 7.24 | 5 | 41 |

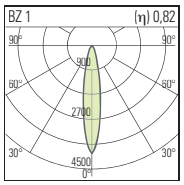
## 2665 lm [HQ]

### Ø.35Ø5Ø.ØØ A



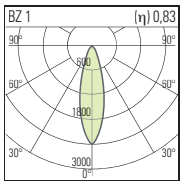

| 16° | 32W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.29 | 1 | 10633 |
| 0.57 | 2 | 2658 |
| 0.86 | 3 | 1181 |
| 1.15 | 4 | 665 |
| 1.43 | 5 | 425 |

### Ø.35Ø49.ØØ B



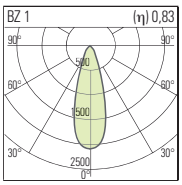

| 18° | 32W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.32 | 1 | 9285 |
| 0.65 | 2 | 2321 |
| 0.97 | 3 | 1032 |
| 1.30 | 4 | 580 |
| 1.62 | 5 | 371 |

### Ø.35Ø51.ØØ C



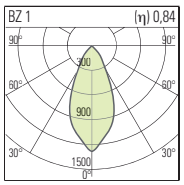

| 28° | 32W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.50 | 1 | 5649 |
| 1.01 | 2 | 1412 |
| 1.51 | 3 | 628 |
| 2.01 | 4 | 353 |
| 2.51 | 5 | 226 |

### Ø.35Ø52.ØØ D



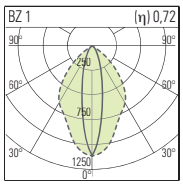

| 32° | 32W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.57 | 1 | 4833 |
| 1.15 | 2 | 1208 |
| 1.72 | 3 | 537 |
| 2.30 | 4 | 302 |
| 2.87 | 5 | 193 |

### Ø.35Ø53.ØØ E



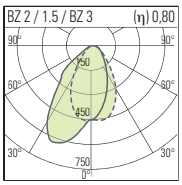

| 46° | 32W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.86 | 1 | 2939 |
| 1.72 | 2 | 735 |
| 2.57 | 3 | 327 |
| 3.43 | 4 | 184 |
| 4.29 | 5 | 118 |

### Ø.35Ø54.ØØ F (Mira)

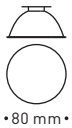



| 21° | 32W | | 73° | 32W | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 0.38 | 1 | 2597 | 1.47 | 1 | 2597 |
| 0.76 | 2 | 649 | 2.94 | 2 | 649 |
| 1.13 | 3 | 289 | 4.41 | 3 | 289 |
| 1.51 | 4 | 162 | 5.88 | 4 | 162 |
| 1.89 | 5 | 104 | 7.35 | 5 | 104 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 57° | 32W | | 67° | 32W | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 1.19 | 1 | 1267 | 1.44 | 1 | 1267 |
| 2.39 | 2 | 317 | 2.88 | 2 | 317 |
| 3.58 | 3 | 141 | 4.32 | 3 | 141 |
| 4.78 | 4 | 79 | 5.76 | 4 | 79 |
| 5.97 | 5 | 51 | 7.20 | 5 | 51 |

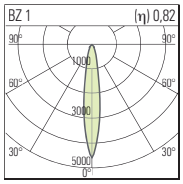



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

32 W
LED
IOS
LL2

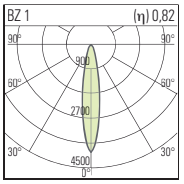
## 3285 lm [WW]

### Ø.35Ø5Ø.ØØ A



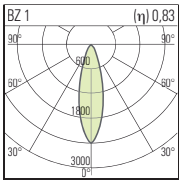

| 16° | | 32W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.29 | 1 | 13109 |
| 0.57 | 2 | 3277 |
| 0.86 | 3 | 1457 |
| 1.15 | 4 | 819 |
| 1.43 | 5 | 524 |

### Ø.35Ø49.ØØ B



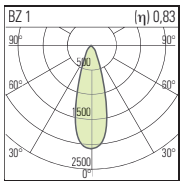

| 18° | | 32W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.32 | 1 | 11447 |
| 0.65 | 2 | 2862 |
| 0.97 | 3 | 1272 |
| 1.30 | 4 | 715 |
| 1.62 | 5 | 458 |

### Ø.35Ø51.ØØ C



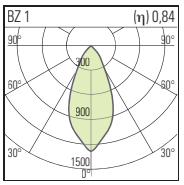

| 28° | | 32W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.50 | 1 | 6964 |
| 1.01 | 2 | 1741 |
| 1.51 | 3 | 774 |
| 2.01 | 4 | 435 |
| 2.51 | 5 | 279 |

### Ø.35Ø52.ØØ D



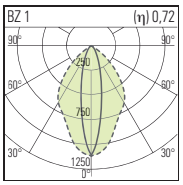

| 32° | | 32W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.57 | 1 | 5958 |
| 1.15 | 2 | 1489 |
| 1.72 | 3 | 662 |
| 2.30 | 4 | 372 |
| 2.87 | 5 | 238 |

### Ø.35Ø53.ØØ E




| 46° | | 32W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.86 | 1 | 3623 |
| 1.72 | 2 | 906 |
| 2.57 | 3 | 403 |
| 3.43 | 4 | 226 |
| 4.29 | 5 | 145 |

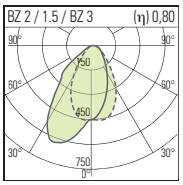
### Ø.35Ø54.ØØ F (Mira)




| 21° | | 32W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.38 | 1 | 3226 |
| 0.76 | 2 | 806 |
| 1.13 | 3 | 358 |
| 1.51 | 4 | 202 |
| 1.89 | 5 | 129 |

| 73° | | 32W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.47 | 1 | 3226 |
| 2.94 | 2 | 806 |
| 4.41 | 3 | 358 |
| 5.88 | 4 | 202 |
| 7.35 | 5 | 129 |

### Ø.35Ø59.ØØ H (Wall Washer)

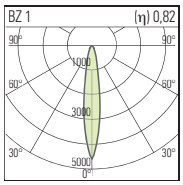



| 57° | | 32W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.19 | 1 | 1562 |
| 2.39 | 2 | 390 |
| 3.58 | 3 | 174 |
| 4.78 | 4 | 98 |
| 5.97 | 5 | 62 |

| 67° | | 32W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.44 | 1 | 1562 |
| 2.88 | 2 | 390 |
| 4.32 | 3 | 174 |
| 5.76 | 4 | 98 |
| 7.20 | 5 | 62 |

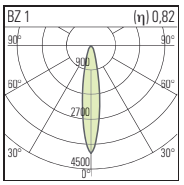
## 3450 lm [NN]

### Ø.35Ø5Ø.ØØ A



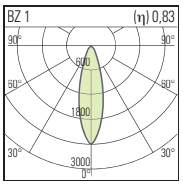

| 16° | | 32W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.29 | 1 | 13766 |
| 0.57 | 2 | 3442 |
| 0.86 | 3 | 1530 |
| 1.15 | 4 | 860 |
| 1.43 | 5 | 551 |

### Ø.35Ø49.ØØ B



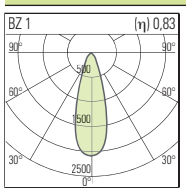

| 18° | | 32W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.32 | 1 | 12021 |
| 0.65 | 2 | 3005 |
| 0.97 | 3 | 1336 |
| 1.30 | 4 | 751 |
| 1.62 | 5 | 481 |

### Ø.35Ø51.ØØ C



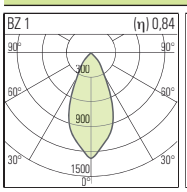

| 28° | | 32W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.50 | 1 | 7313 |
| 1.01 | 2 | 1828 |
| 1.51 | 3 | 813 |
| 2.01 | 4 | 457 |
| 2.51 | 5 | 293 |

### Ø.35Ø52.ØØ D



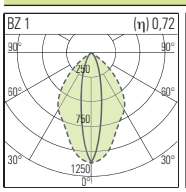

| 32° | | 32W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.57 | 1 | 6257 |
| 1.15 | 2 | 1564 |
| 1.72 | 3 | 695 |
| 2.30 | 4 | 391 |
| 2.87 | 5 | 250 |

### Ø.35Ø53.ØØ E




| 46° | | 32W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.86 | 1 | 3805 |
| 1.72 | 2 | 951 |
| 2.57 | 3 | 423 |
| 3.43 | 4 | 238 |
| 4.29 | 5 | 152 |

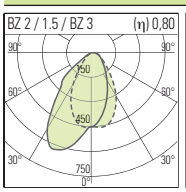
### Ø.35Ø54.ØØ F (Mira)




| 21° | | 32W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.38 | 1 | 3362 |
| 0.76 | 2 | 841 |
| 1.13 | 3 | 374 |
| 1.51 | 4 | 210 |
| 1.89 | 5 | 134 |

| 73° | | 32W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.47 | 1 | 3362 |
| 2.94 | 2 | 841 |
| 4.41 | 3 | 374 |
| 5.88 | 4 | 210 |
| 7.35 | 5 | 134 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 57° | | 32W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.19 | 1 | 1640 |
| 2.39 | 2 | 410 |
| 3.58 | 3 | 182 |
| 4.78 | 4 | 103 |
| 5.97 | 5 | 66 |

| 67° | | 32W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.44 | 1 | 1640 |
| 2.88 | 2 | 410 |
| 4.32 | 3 | 182 |
| 5.76 | 4 | 103 |
| 7.20 | 5 | 66 |





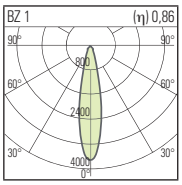

IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

42 W

LED
IOS
LL2

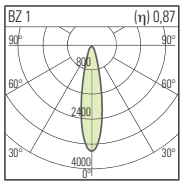
## 3875 lm [HW]

### Ø.35Ø5Ø.ØØ A



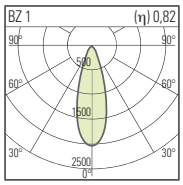

| 22° | 42W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.38 | 1 | 13270 |
| 0.77 | 2 | 3317 |
| 1.15 | 3 | 1474 |
| 1.54 | 4 | 829 |
| 1.92 | 5 | 531 |

### Ø.35Ø49.ØØ B



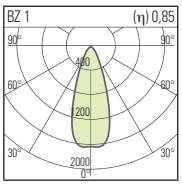

| 22° | 42W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.39 | 1 | 12555 |
| 0.79 | 2 | 3139 |
| 1.18 | 3 | 1395 |
| 1.58 | 4 | 785 |
| 1.97 | 5 | 502 |

### Ø.35Ø51.ØØ C



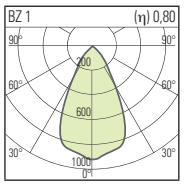

| 33° | 42W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.59 | 1 | 7224 |
| 1.18 | 2 | 1806 |
| 1.76 | 3 | 803 |
| 2.35 | 4 | 451 |
| 2.94 | 5 | 289 |

### Ø.35Ø52.ØØ D



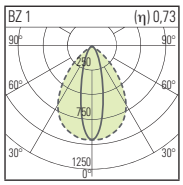

| 38° | 42W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.69 | 1 | 5835 |
| 1.39 | 2 | 1459 |
| 2.08 | 3 | 648 |
| 2.77 | 4 | 365 |
| 3.47 | 5 | 233 |

### Ø.35Ø53.ØØ E




| 55° | 42W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.05 | 1 | 3273 |
| 2.09 | 2 | 818 |
| 3.14 | 3 | 364 |
| 4.18 | 4 | 205 |
| 5.23 | 5 | 131 |

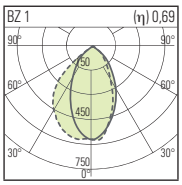
### Ø.35Ø54.ØØ F (Mira)




| 27° | 42W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.48 | 1 | 3418 |
| 0.97 | 2 | 855 |
| 1.45 | 3 | 380 |
| 1.94 | 4 | 214 |
| 2.42 | 5 | 137 |

| 77° | 42W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.59 | 1 | 3418 |
| 3.18 | 2 | 855 |
| 4.77 | 3 | 380 |
| 6.36 | 4 | 214 |
| 7.95 | 5 | 137 |

### Ø.35Ø59.ØØ H (Wall Washer)

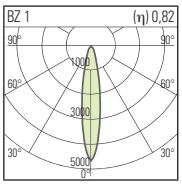



| 70° | 42W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.47 | 1 | 2033 |
| 2.95 | 2 | 508 |
| 4.42 | 3 | 226 |
| 5.89 | 4 | 127 |
| 7.37 | 5 | 81 |

| 63° | 42W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.23 | 1 | 2033 |
| 2.46 | 2 | 508 |
| 3.70 | 3 | 226 |
| 4.93 | 4 | 127 |
| 6.16 | 5 | 81 |

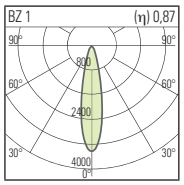
## 4000 lm [HQ]

### Ø.35Ø5Ø.ØØ A



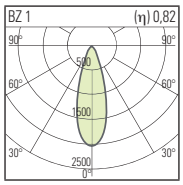

| 22° | 42W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.38 | 1 | 13699 |
| 0.77 | 2 | 3425 |
| 1.15 | 3 | 1522 |
| 1.54 | 4 | 856 |
| 1.92 | 5 | 548 |

### Ø.35Ø49.ØØ B



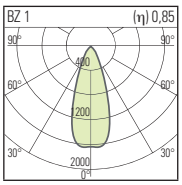

| 22° | 42W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.39 | 1 | 12961 |
| 0.79 | 2 | 3240 |
| 1.18 | 3 | 1440 |
| 1.58 | 4 | 810 |
| 1.97 | 5 | 518 |

### Ø.35Ø51.ØØ C



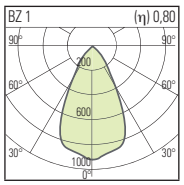

| 33° | 42W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.59 | 1 | 7457 |
| 1.18 | 2 | 1864 |
| 1.76 | 3 | 829 |
| 2.35 | 4 | 466 |
| 2.94 | 5 | 298 |

### Ø.35Ø52.ØØ D



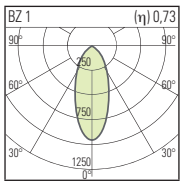

| 38° | 42W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.69 | 1 | 6023 |
| 1.39 | 2 | 1506 |
| 2.08 | 3 | 669 |
| 2.77 | 4 | 376 |
| 3.47 | 5 | 241 |

### Ø.35Ø53.ØØ E




| 55° | 42W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.05 | 1 | 3379 |
| 2.09 | 2 | 845 |
| 3.14 | 3 | 375 |
| 4.18 | 4 | 211 |
| 5.23 | 5 | 135 |

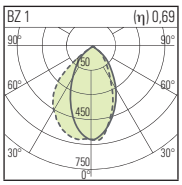
### Ø.35Ø54.ØØ F (Mira)




| 42° | 42W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.77 | 1 | 3526 |
| 1.55 | 2 | 881 |
| 2.32 | 3 | 392 |
| 3.09 | 4 | 220 |
| 3.87 | 5 | 141 |

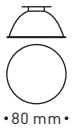
| 77° | 42W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.59 | 1 | 3526 |
| 3.18 | 2 | 881 |
| 4.77 | 3 | 392 |
| 6.36 | 4 | 220 |
| 7.95 | 5 | 141 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 70° | 42W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.47 | 1 | 2098 |
| 2.95 | 2 | 525 |
| 4.42 | 3 | 233 |
| 5.89 | 4 | 131 |
| 7.37 | 5 | 84 |

| 63° | 42W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.23 | 1 | 2098 |
| 2.46 | 2 | 525 |
| 3.70 | 3 | 233 |
| 4.93 | 4 | 131 |
| 6.16 | 5 | 84 |

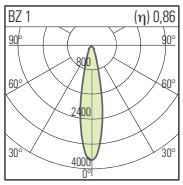



IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

42 W
LED
IOS
LL2

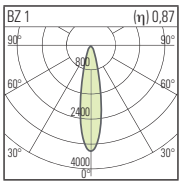
## 5047 lm [WW]

### Ø.35Ø5Ø.ØØ A



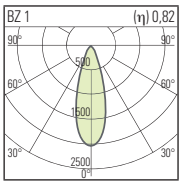

| 22° | | 42W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.38 | 1 | 17920 |
| 0.77 | 2 | 4350 |
| 1.15 | 3 | 1934 |
| 1.54 | 4 | 1088 |
| 1.92 | 5 | 696 |

### Ø.35Ø49.ØØ B



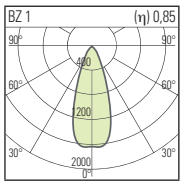

| 22° | | 42W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.39 | 1 | 16464 |
| 0.79 | 2 | 4116 |
| 1.18 | 3 | 1829 |
| 1.58 | 4 | 1029 |
| 1.97 | 5 | 659 |

### Ø.35Ø51.ØØ C



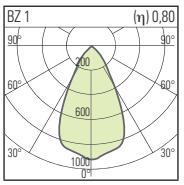

| 33° | | 42W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.59 | 1 | 9473 |
| 1.18 | 2 | 2368 |
| 1.76 | 3 | 1053 |
| 2.35 | 4 | 592 |
| 2.94 | 5 | 379 |

### Ø.35Ø52.ØØ D



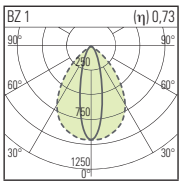

| 38° | | 42W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.69 | 1 | 7651 |
| 1.39 | 2 | 1913 |
| 2.08 | 3 | 850 |
| 2.77 | 4 | 478 |
| 3.47 | 5 | 306 |

### Ø.35Ø53.ØØ E




| 55° | | 42W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.05 | 1 | 4292 |
| 2.09 | 2 | 1073 |
| 3.14 | 3 | 477 |
| 4.18 | 4 | 268 |
| 5.23 | 5 | 172 |

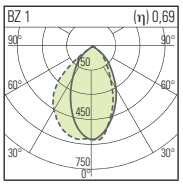
### Ø.35Ø54.ØØ F (Mira)




| 27° | | 42W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.48 | 1 | 4482 |
| 0.97 | 2 | 1121 |
| 1.45 | 3 | 498 |
| 1.94 | 4 | 280 |
| 2.42 | 5 | 179 |

| 77° | | 42W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.59 | 1 | 4482 |
| 3.18 | 2 | 1121 |
| 4.77 | 3 | 498 |
| 6.36 | 4 | 280 |
| 7.95 | 5 | 179 |

### Ø.35Ø59.ØØ H (Wall Washer)

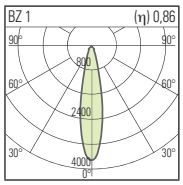



| 70° | | 42W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.47 | 1 | 2666 |
| 2.95 | 2 | 666 |
| 4.42 | 3 | 296 |
| 5.89 | 4 | 167 |
| 7.37 | 5 | 107 |

| 63° | | 42W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.23 | 1 | 2666 |
| 2.46 | 2 | 666 |
| 3.70 | 3 | 296 |
| 4.93 | 4 | 167 |
| 6.16 | 5 | 107 |

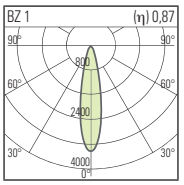
## 5200 lm [NN]

### Ø.35Ø5Ø.ØØ A



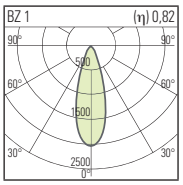

| 22° | | 42W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.38 | 1 | 17920 |
| 0.77 | 2 | 4350 |
| 1.15 | 3 | 1934 |
| 1.54 | 4 | 1088 |
| 1.92 | 5 | 696 |

### Ø.35Ø49.ØØ B



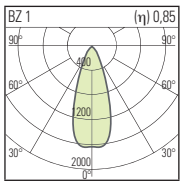

| 22° | | 42W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.39 | 1 | 16464 |
| 0.79 | 2 | 4116 |
| 1.18 | 3 | 1829 |
| 1.58 | 4 | 1029 |
| 1.97 | 5 | 659 |

### Ø.35Ø51.ØØ C



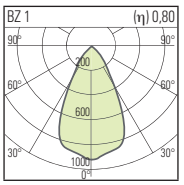

| 33° | | 42W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.59 | 1 | 9473 |
| 1.18 | 2 | 2368 |
| 1.76 | 3 | 1053 |
| 2.35 | 4 | 592 |
| 2.94 | 5 | 379 |

### Ø.35Ø52.ØØ D



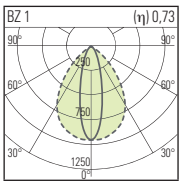

| 38° | | 42W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.69 | 1 | 7651 |
| 1.39 | 2 | 1913 |
| 2.08 | 3 | 850 |
| 2.77 | 4 | 478 |
| 3.47 | 5 | 306 |

### Ø.35Ø53.ØØ E




| 55° | | 42W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.05 | 1 | 4292 |
| 2.09 | 2 | 1073 |
| 3.14 | 3 | 477 |
| 4.18 | 4 | 268 |
| 5.23 | 5 | 172 |

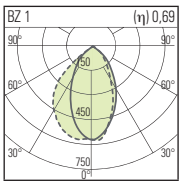
### Ø.35Ø54.ØØ F (Mira)




| 27° | | 42W |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.48 | 1 | 4482 |
| 0.97 | 2 | 1121 |
| 1.45 | 3 | 498 |
| 1.94 | 4 | 280 |
| 2.42 | 5 | 179 |

| 77° | | 42W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.59 | 1 | 4482 |
| 3.18 | 2 | 1121 |
| 4.77 | 3 | 498 |
| 6.36 | 4 | 280 |
| 7.95 | 5 | 179 |

### Ø.35Ø59.ØØ H (Wall Washer)




| 70° | | 42W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.47 | 1 | 2666 |
| 2.95 | 2 | 666 |
| 4.42 | 3 | 296 |
| 5.89 | 4 | 167 |
| 7.37 | 5 | 107 |

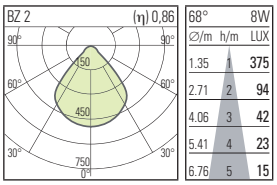
| 63° | | 42W |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.23 | 1 | 2666 |
| 2.46 | 2 | 666 |
| 3.70 | 3 | 296 |
| 4.93 | 4 | 167 |
| 6.16 | 5 | 107 |

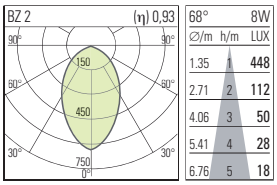


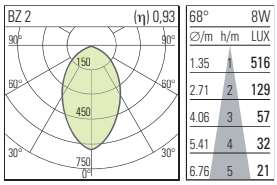

IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

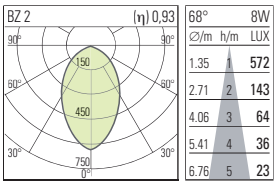
**8 W**
**LED IOS LL2**

| 637 lm [HW] | 765 lm [HQ] | 880 lm [WW] | 975 lm [NN] |
|---|---|---|---|
| Ø.35Ø57 | Ø.35Ø57 | Ø.35Ø57 | Ø.35Ø57 |



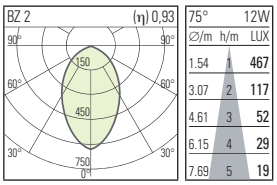



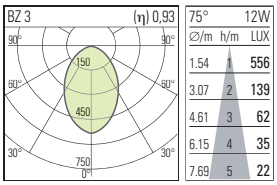



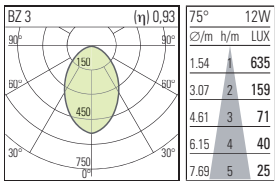



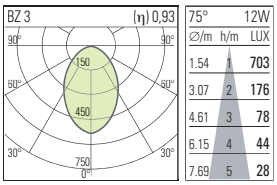

**12 W**
**LED IOS LL2**

| 971 lm [HW] | 1155 lm [HQ] | 1320 lm [WW] | 1460 lm [NN] |
|---|---|---|---|
| Ø.35Ø57 | Ø.35Ø57 | Ø.35Ø57 | Ø.35Ø57 |



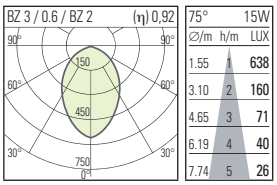



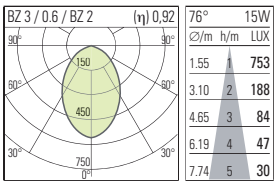



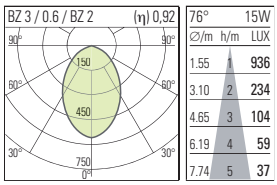



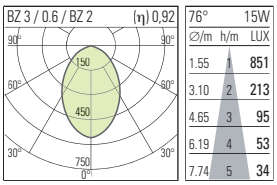

**15 W**
**LED IOS LL2**

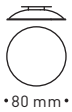
| 1305 lm [HW] | 1540 lm [HQ] | 1740 lm [WW] | 1915 lm [NN] |
|---|---|---|---|
| Ø.35Ø57 | Ø.35Ø57 | Ø.35Ø57 | Ø.35Ø57 |



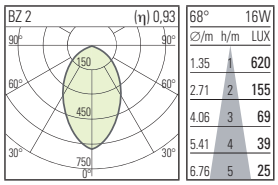



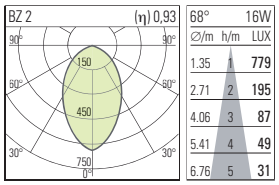


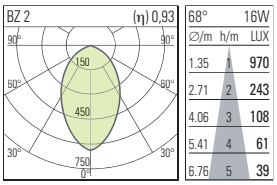

IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version.
There are also versions with selective filters for lighting foodstuffs.

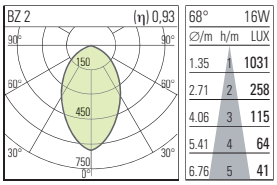
**16 W** LED IOS LL2

| 1055 lm [HW] | 1330 lm [HQ] | 1665 lm [WW] | 1760 lm [NN] |
|---|---|---|---|
| Ø.35Ø57 | Ø.35Ø57 | Ø.35Ø57 | Ø.35Ø57 |



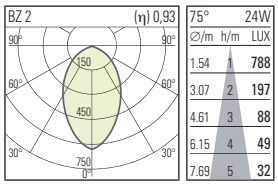



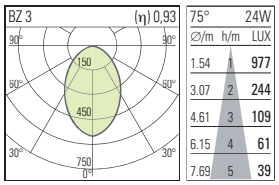



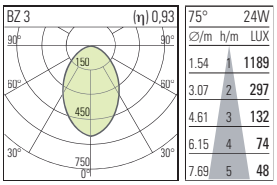



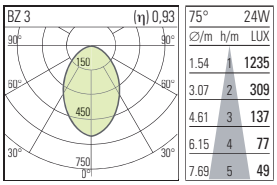

**24 W** LED IOS LL2

| 1637 lm [HW] | 2030 lm [HQ] | 2470 lm [WW] | 2565 lm [NN] |
|---|---|---|---|
| Ø.35Ø57 | Ø.35Ø57 | Ø.35Ø57 | Ø.35Ø57 |



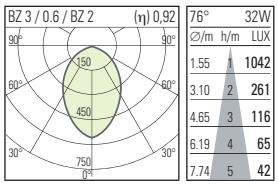



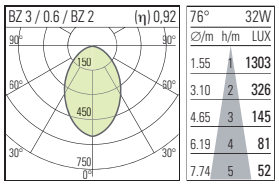



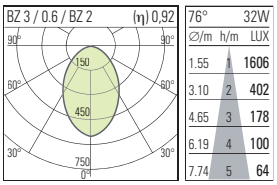



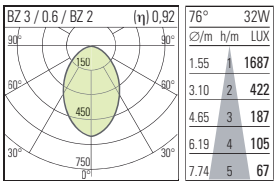

**32 W** LED IOS LL2

| 2132 lm [HW] | 2665 lm [HQ] | 3285 lm [WW] | 3450 lm [NN] |
|---|---|---|---|
| Ø.35Ø57 | Ø.35Ø57 | Ø.35Ø57 | Ø.35Ø57 |



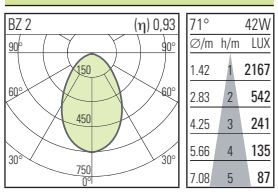



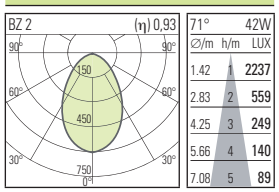



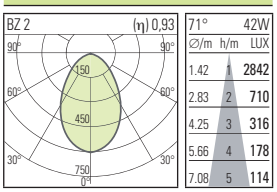



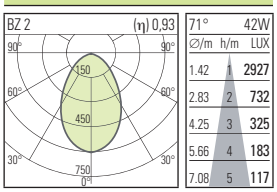

**42 W** LED IOS LL2

| 3875 lm [HW] | 4000 lm [HQ] | 5047 lm [WW] | 5200 lm [NN] |
|---|---|---|---|
| Ø.35Ø57 | Ø.35Ø57 | Ø.35Ø57 | Ø.35Ø57 |



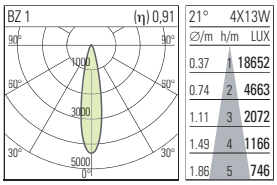
• ø70 •

Four IOS reflectors with Ø 70 mm (**LL4**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%); the shield is satin for narrow, medium and wide beams; satin with clear glass lenses for the Wall Washer Mira version.

4x13 W
LED
IOS
LL4

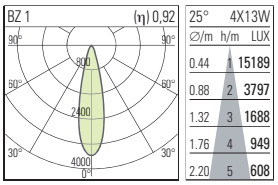
## 4480 lm [HQ]

### Ø.35160.ØØ



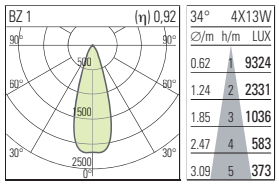

| 21° | 4X13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.37 | 1 | 18652 |
| 0.74 | 2 | 4663 |
| 1.11 | 3 | 2072 |
| 1.49 | 4 | 1166 |
| 1.86 | 5 | 746 |

### Ø.35161.ØØ



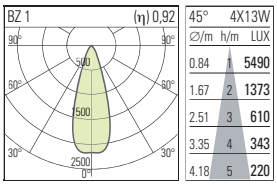

| 25° | 4X13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.44 | 1 | 15189 |
| 0.88 | 2 | 3797 |
| 1.32 | 3 | 1688 |
| 1.76 | 4 | 949 |
| 2.20 | 5 | 608 |

### Ø.35162.ØØ



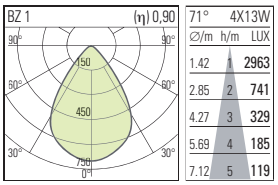

| 34° | 4X13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.62 | 1 | 9324 |
| 1.24 | 2 | 2331 |
| 1.85 | 3 | 1036 |
| 2.47 | 4 | 583 |
| 3.09 | 5 | 373 |

### Ø.35163.ØØ



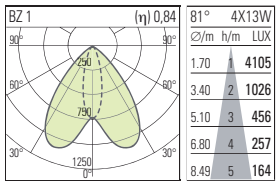

| 45° | 4X13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.84 | 1 | 5490 |
| 1.67 | 2 | 1373 |
| 2.51 | 3 | 610 |
| 3.35 | 4 | 343 |
| 4.18 | 5 | 220 |

### Ø.35164.ØØ




| 71° | 4X13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.42 | 1 | 2963 |
| 2.85 | 2 | 741 |
| 4.27 | 3 | 329 |
| 5.69 | 4 | 185 |
| 7.12 | 5 | 119 |

### Ø.35165.ØØ



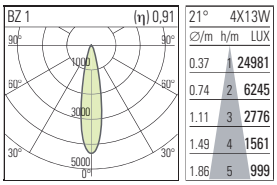

| 81° | 4X13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.70 | 1 | 4105 |
| 3.40 | 2 | 1026 |
| 5.10 | 3 | 456 |
| 6.80 | 4 | 257 |
| 8.49 | 5 | 164 |

| 19° | 4X13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.33 | 1 | 4105 |
| 0.66 | 2 | 1026 |
| 1.00 | 3 | 456 |
| 1.33 | 4 | 257 |
| 1.66 | 5 | 164 |

4x13 W
LED
IOS
LL4

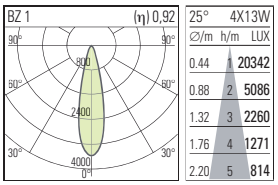
## 6000 lm [WW]

### Ø.35160.ØØ



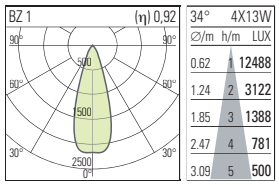

| 21° | 4X13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.37 | 1 | 24981 |
| 0.74 | 2 | 6245 |
| 1.11 | 3 | 2776 |
| 1.49 | 4 | 1561 |
| 1.86 | 5 | 999 |

### Ø.35161.ØØ



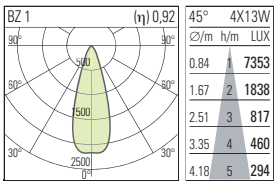

| 25° | 4X13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.44 | 1 | 20342 |
| 0.88 | 2 | 5086 |
| 1.32 | 3 | 2260 |
| 1.76 | 4 | 1271 |
| 2.20 | 5 | 814 |

### Ø.35162.ØØ



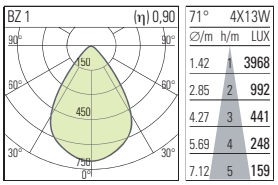

| 34° | 4X13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.62 | 1 | 12488 |
| 1.24 | 2 | 3122 |
| 1.85 | 3 | 1388 |
| 2.47 | 4 | 781 |
| 3.09 | 5 | 500 |

### Ø.35163.ØØ



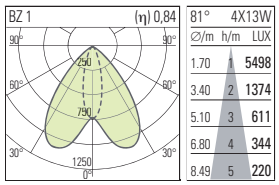

| 45° | 4X13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.84 | 1 | 7353 |
| 1.67 | 2 | 1838 |
| 2.51 | 3 | 817 |
| 3.35 | 4 | 460 |
| 4.18 | 5 | 294 |

### Ø.35164.ØØ




| 71° | 4X13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.42 | 1 | 3968 |
| 2.85 | 2 | 992 |
| 4.27 | 3 | 441 |
| 5.69 | 4 | 248 |
| 7.12 | 5 | 159 |

### Ø.35165.ØØ



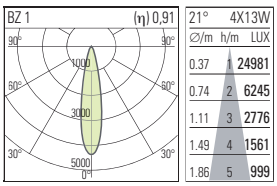

| 81° | 4X13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.70 | 1 | 5498 |
| 3.40 | 2 | 1374 |
| 5.10 | 3 | 611 |
| 6.80 | 4 | 344 |
| 8.49 | 5 | 220 |

| 19° | 4X13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.33 | 1 | 5498 |
| 0.66 | 2 | 1374 |
| 1.00 | 3 | 611 |
| 1.33 | 4 | 344 |
| 1.66 | 5 | 220 |

4x13 W
LED
IOS
LL4

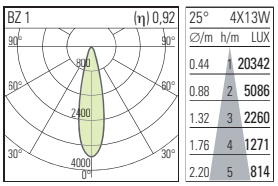
## 6640 lm [NN]

### Ø.35160.ØØ



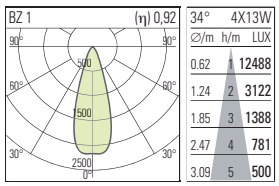

| 21° | 4X13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.37 | 1 | 24981 |
| 0.74 | 2 | 6245 |
| 1.11 | 3 | 2776 |
| 1.49 | 4 | 1561 |
| 1.86 | 5 | 999 |

### Ø.35161.ØØ



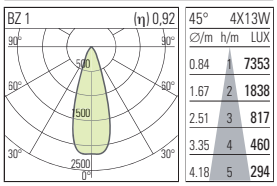

| 25° | 4X13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.44 | 1 | 20342 |
| 0.88 | 2 | 5086 |
| 1.32 | 3 | 2260 |
| 1.76 | 4 | 1271 |
| 2.20 | 5 | 814 |

### Ø.35162.ØØ



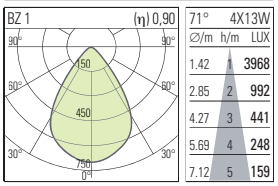

| 34° | 4X13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.62 | 1 | 12488 |
| 1.24 | 2 | 3122 |
| 1.85 | 3 | 1388 |
| 2.47 | 4 | 781 |
| 3.09 | 5 | 500 |

### Ø.35163.ØØ



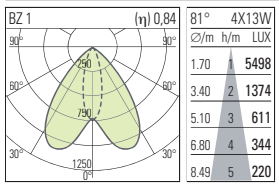

| 45° | 4X13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.84 | 1 | 7353 |
| 1.67 | 2 | 1838 |
| 2.51 | 3 | 817 |
| 3.35 | 4 | 460 |
| 4.18 | 5 | 294 |

### Ø.35164.ØØ




| 71° | 4X13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.42 | 1 | 3968 |
| 2.85 | 2 | 992 |
| 4.27 | 3 | 441 |
| 5.69 | 4 | 248 |
| 7.12 | 5 | 159 |

### Ø.35165.ØØ




| 81° | 4X13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.70 | 1 | 5498 |
| 3.40 | 2 | 1374 |
| 5.10 | 3 | 611 |
| 6.80 | 4 | 344 |
| 8.49 | 5 | 220 |

| 19° | 4X13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.33 | 1 | 5498 |
| 0.66 | 2 | 1374 |
| 1.00 | 3 | 611 |
| 1.33 | 4 | 344 |
| 1.66 | 5 | 220 |

REGGIANI

ø70

Four IOS reflectors with Ø 70 mm (**LL4**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%); the shield is satin for narrow, medium and wide beams; satin with clear glass lenses for the Wall Washer Mira version.

4x25 W
LED
IOS
LL4

## 9940 lm [HQ]

### Ø.35160.ØØ

BZ 1 (η) 0,91

| 21° | 4x25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.37 | 1 | 41819 |
| 0.74 | 2 | 10455 |
| 1.11 | 3 | 4647 |
| 1.49 | 4 | 2614 |
| 1.86 | 5 | 1673 |

### Ø.35161.ØØ

BZ 1 (η) 0,92

| 25° | 4x25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.44 | 1 | 34054 |
| 0.88 | 2 | 8513 |
| 1.32 | 3 | 3784 |
| 1.76 | 4 | 2128 |
| 2.20 | 5 | 1362 |

### Ø.35162.ØØ

BZ 1 (η) 0,92

| 34° | 4x25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.62 | 1 | 20905 |
| 1.24 | 2 | 5226 |
| 1.85 | 3 | 2323 |
| 2.47 | 4 | 1307 |
| 3.09 | 5 | 836 |

### Ø.35163.ØØ

BZ 1 (η) 0,88

| 45° | 4x25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.84 | 1 | 12309 |
| 1.67 | 2 | 3077 |
| 2.51 | 3 | 1368 |
| 3.35 | 4 | 769 |
| 4.18 | 5 | 492 |

### Ø.35164.ØØ

BZ 1 (η) 0,90

| 69° | 4x25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.42 | 1 | 6643 |
| 2.85 | 2 | 1661 |
| 4.27 | 3 | 738 |
| 5.69 | 4 | 415 |
| 7.12 | 5 | 226 |

### Ø.35165.ØØ

BZ 1 (η) 0,84

| 19° | 4x25W | | 81° | 4x25W | |
|---|---|---|---|---|---|
| Ø/m | h/m | LUX | Ø/m | h/m | LUX |
| 1.70 | 1 | 9204 | 0.33 | 1 | 9204 |
| 3.40 | 2 | 2301 | 0.66 | 2 | 2301 |
| 5.10 | 3 | 1023 | 1.00 | 3 | 1023 |
| 6.80 | 4 | 575 | 1.33 | 4 | 575 |
| 8.49 | 5 | 368 | 1.66 | 5 | 368 |

4x25 W
LED
IOS
LL4

## 12180 lm [WW]

### Ø.35160.ØØ

BZ 1 (η) 0,91

| 21° | 4x25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.37 | 1 | 51246 |
| 0.74 | 2 | 12811 |
| 1.11 | 3 | 5694 |
| 1.49 | 4 | 3203 |
| 1.86 | 5 | 2050 |

### Ø.35161.ØØ

BZ 1 (η) 0,92

| 25° | 4x25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.44 | 1 | 41730 |
| 0.88 | 2 | 10433 |
| 1.32 | 3 | 4637 |
| 1.76 | 4 | 2608 |
| 2.20 | 5 | 1669 |

### Ø.35162.ØØ

BZ 1 (η) 0,92

| 34° | 4x25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.62 | 1 | 25618 |
| 1.24 | 2 | 6404 |
| 1.85 | 3 | 2846 |
| 2.47 | 4 | 1601 |
| 3.09 | 5 | 1025 |

### Ø.35163.ØØ

BZ 1 (η) 0,88

| 45° | 4x25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.84 | 1 | 15084 |
| 1.67 | 2 | 3771 |
| 2.51 | 3 | 1676 |
| 3.35 | 4 | 943 |
| 4.18 | 5 | 603 |

### Ø.35164.ØØ

BZ 1 (η) 0,90

| 69° | 4x25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.42 | 1 | 8140 |
| 2.85 | 2 | 2035 |
| 4.27 | 3 | 904 |
| 5.69 | 4 | 509 |
| 7.12 | 5 | 326 |

### Ø.35165.ØØ

BZ 1 (η) 0,84

| 81° | 4x25W | | 19° | 4x25W | |
|---|---|---|---|---|---|
| Ø/m | h/m | LUX | Ø/m | h/m | LUX |
| 1.70 | 1 | 11278 | 0.33 | 1 | 11278 |
| 3.40 | 2 | 2820 | 0.66 | 2 | 2820 |
| 5.10 | 3 | 1253 | 1.00 | 3 | 1253 |
| 6.80 | 4 | 705 | 1.33 | 4 | 705 |
| 8.49 | 5 | 451 | 1.66 | 5 | 451 |

4x25 W
LED
IOS
LL4

## 12820 lm [NN]

### Ø.35160.ØØ

BZ 1 (η) 0,91

| 21° | 4x25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.37 | 1 | 53937 |
| 0.74 | 2 | 13484 |
| 1.11 | 3 | 5993 |
| 1.49 | 4 | 3371 |
| 1.86 | 5 | 2157 |

### Ø.35161.ØØ

BZ 1 (η) 0,92

| 25° | 4x25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.44 | 1 | 43921 |
| 0.88 | 2 | 10980 |
| 1.32 | 3 | 4880 |
| 1.76 | 4 | 2745 |
| 2.20 | 5 | 1757 |

### Ø.35162.ØØ

BZ 1 (η) 0,92

| 34° | 4x25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.62 | 1 | 26963 |
| 1.24 | 2 | 6741 |
| 1.85 | 3 | 2996 |
| 2.47 | 4 | 1685 |
| 3.09 | 5 | 1079 |

### Ø.35163.ØØ

BZ 1 (η) 0,88

| 45° | 4x25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.84 | 1 | 15876 |
| 1.67 | 2 | 3969 |
| 2.51 | 3 | 1764 |
| 3.35 | 4 | 992 |
| 4.18 | 5 | 635 |

### Ø.35164.ØØ

BZ 1 (η) 0,90

| 69° | 4x25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.42 | 1 | 8568 |
| 2.85 | 2 | 2142 |
| 4.27 | 3 | 952 |
| 5.69 | 4 | 535 |
| 7.12 | 5 | 343 |

### Ø.35165.ØØ

BZ 1 (η) 0,84

| 81° | 4x25W | | 19° | 4x25W | |
|---|---|---|---|---|---|
| Ø/m | h/m | LUX | Ø/m | h/m | LUX |
| 1.70 | 1 | 11871 | 0.33 | 1 | 11871 |
| 3.40 | 2 | 2968 | 0.66 | 2 | 2968 |
| 5.10 | 3 | 1319 | 1.00 | 3 | 1319 |
| 6.80 | 4 | 742 | 1.33 | 4 | 742 |
| 8.49 | 5 | 475 | 1.66 | 5 | 475 |

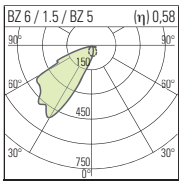
Wall Washer optics (**LL5**) made from antistatic metallised polycarbonate with scratch resistant protective coating.

2x13 W

LED

**2240 lm [HQ]**

Ø.**36Ø75**.ØØ

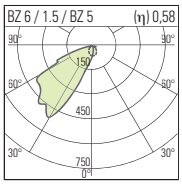



| 44° | 2x13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.66 | 1 | 675 |
| 3.32 | 2 | 169 |
| 4.98 | 3 | 75 |
| 6.64 | 4 | 42 |
| 8.30 | 5 | 27 |

| 89° | 2x13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 2.32 | 1 | 675 |
| 4.64 | 2 | 169 |
| 6.96 | 3 | 75 |
| 9.29 | 4 | 42 |
| 11.61 | 5 | 27 |

**3000 lm [WW]**

Ø.**36Ø75**.ØØ

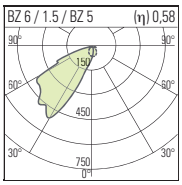



| 44° | 2x13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.66 | 1 | 904 |
| 3.32 | 2 | 226 |
| 4.98 | 3 | 100 |
| 6.64 | 4 | 57 |
| 8.30 | 5 | 36 |

| 89° | 2x13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 2.32 | 1 | 904 |
| 4.64 | 2 | 226 |
| 6.96 | 3 | 100 |
| 9.29 | 4 | 57 |
| 11.61 | 5 | 36 |

**3320 lm [NN]**

Ø.**36Ø75**.ØØ




| 44° | 2x13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.66 | 1 | 1001 |
| 3.32 | 2 | 250 |
| 4.98 | 3 | 111 |
| 6.64 | 4 | 63 |
| 8.30 | 5 | 40 |

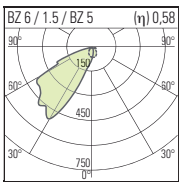
| 89° | 2x13W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 2.32 | 1 | 1001 |
| 4.64 | 2 | 250 |
| 6.96 | 3 | 111 |
| 9.29 | 4 | 63 |
| 11.61 | 5 | 40 |

2x25 W

LED

**4970 lm [HQ]**

Ø.**36Ø75**.ØØ

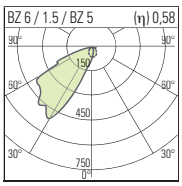



| 44° | 2x25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.66 | 1 | 1514 |
| 3.32 | 2 | 379 |
| 4.98 | 3 | 168 |
| 6.64 | 4 | 95 |
| 8.30 | 5 | 61 |

| 89° | 2x25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 2.32 | 1 | 1514 |
| 4.64 | 2 | 379 |
| 6.96 | 3 | 168 |
| 9.29 | 4 | 95 |
| 11.61 | 5 | 61 |

**6090 lm [WW]**

Ø.**36Ø75**.ØØ

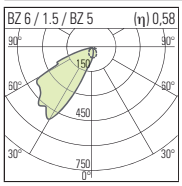



| 44° | 2x25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.66 | 1 | 1855 |
| 3.32 | 2 | 464 |
| 4.98 | 3 | 206 |
| 6.64 | 4 | 116 |
| 8.30 | 5 | 74 |

| 89° | 2x25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 2.32 | 1 | 1855 |
| 4.64 | 2 | 464 |
| 6.96 | 3 | 206 |
| 9.29 | 4 | 116 |
| 11.61 | 5 | 74 |

**6410 lm [NN]**

Ø.**36Ø75**.ØØ




| 44° | 2x25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.66 | 1 | 1953 |
| 3.32 | 2 | 488 |
| 4.98 | 3 | 217 |
| 6.64 | 4 | 122 |
| 8.30 | 5 | 78 |

| 89° | 2x25W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 2.32 | 1 | 1953 |
| 4.64 | 2 | 488 |
| 6.96 | 3 | 217 |
| 9.29 | 4 | 122 |
| 11.61 | 5 | 78 |

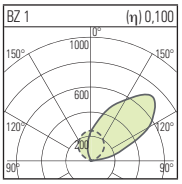
Optics for asymmetric light distribution made from antistatic metallised polycarbonate with scratch resistant protective coating.

2x13 W

LED

**1832 lm [HQ]**

Ø.**7Ø09Ø**.ØØ

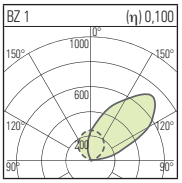



| 101° 2x13W | | |
|---|---|---|
| ∅/m | h/m | LUX |
| 12.18 | 1 | 27 |
| 9.74 | 2 | 43 |
| 7.31 | 3 | 76 |
| 4.87 | 4 | 172 |
| 2.44 | 5 | 687 |

| 93° 2x13W | | |
|---|---|---|
| ∅/m | h/m | LUX |
| 27.65 | 1 | 27 |
| 22.12 | 2 | 43 |
| 16.59 | 3 | 76 |
| 11.06 | 4 | 172 |
| 5.53 | 5 | 687 |

**2493 lm [WW]**

Ø.**7Ø09Ø**.ØØ

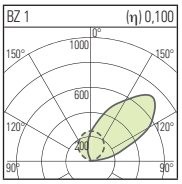



| 101° 2x13W | | |
|---|---|---|
| ∅/m | h/m | LUX |
| 12.18 | 1 | 34 |
| 9.74 | 2 | 53 |
| 7.31 | 3 | 94 |
| 4.87 | 4 | 211 |
| 2.44 | 5 | 845 |

| 93° 2x13W | | |
|---|---|---|
| ∅/m | h/m | LUX |
| 27.65 | 1 | 34 |
| 22.12 | 2 | 53 |
| 16.59 | 3 | 94 |
| 11.06 | 4 | 211 |
| 5.53 | 5 | 845 |

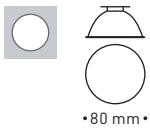
**2251 lm [NN]**

Ø.**7Ø09Ø**.ØØ




| 101° 2x13W | | |
|---|---|---|
| ∅/m | h/m | LUX |
| 12.18 | 1 | 37 |
| 9.74 | 2 | 58 |
| 7.31 | 3 | 104 |
| 4.87 | 4 | 234 |
| 2.44 | 5 | 935 |

| 93° 2x13W | | |
|---|---|---|
| ∅/m | h/m | LUX |
| 27.65 | 1 | 37 |
| 22.12 | 2 | 58 |
| 16.59 | 3 | 104 |
| 11.06 | 4 | 234 |
| 5.53 | 5 | 935 |

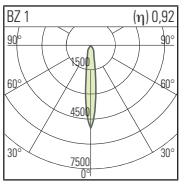



IOS reflectors with Ø 80 mm (**LL7**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer version.
There are also versions with selective filters for lighting foodstuffs.

38 W
LED
IOS
LL2

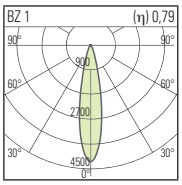
**3399 lm [HW]**

**Ø.35169.ØØ N**



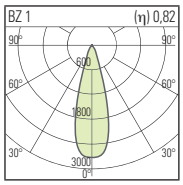

| 14° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.25 | 1 | 15260 |
| 0.50 | 2 | 3815 |
| 0.75 | 3 | 1696 |
| 1.01 | 4 | 954 |
| 1.26 | 5 | 610 |

**Ø.35170.ØØ P**



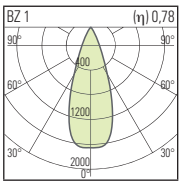

| 21° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.38 | 1 | 12983 |
| 0.75 | 2 | 3246 |
| 1.13 | 3 | 1443 |
| 1.50 | 4 | 811 |
| 1.88 | 5 | 519 |

**Ø.35171.ØØ Q**



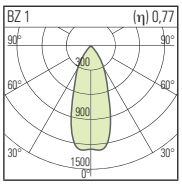

| 30° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.54 | 1 | 8337 |
| 1.07 | 2 | 2084 |
| 1.61 | 3 | 926 |
| 2.15 | 4 | 521 |
| 2.68 | 5 | 333 |

**Ø.35172.ØØ R**



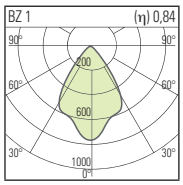

| 36° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.66 | 1 | 6282 |
| 1.32 | 2 | 1571 |
| 1.98 | 3 | 698 |
| 2.63 | 4 | 393 |
| 3.29 | 5 | 251 |

**Ø.35173.ØØ S**



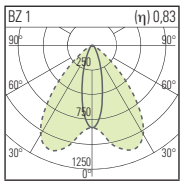

| 40° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.72 | 1 | 3848 |
| 1.45 | 2 | 962 |
| 2.17 | 3 | 428 |
| 2.90 | 4 | 241 |
| 3.62 | 5 | 154 |

**Ø.35174.ØØ T**




| 69° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.37 | 1 | 2332 |
| 2.74 | 2 | 583 |
| 4.12 | 3 | 259 |
| 5.49 | 4 | 146 |
| 6.86 | 5 | 93 |

**Ø.35175.ØØ U** (Mira)

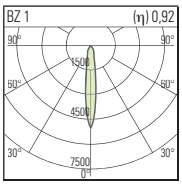



| 28° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.51 | 1 | 2984 |
| 1.02 | 2 | 746 |
| 1.52 | 3 | 332 |
| 2.03 | 4 | 186 |
| 2.54 | 5 | 119 |

| 90° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 2.02 | 1 | 2984 |
| 4.03 | 2 | 746 |
| 6.05 | 3 | 332 |
| 8.06 | 4 | 186 |
| 10.08 | 5 | 119 |

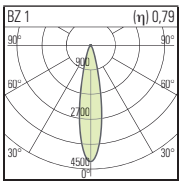
**3578 lm [HQ]**

**Ø.35169.ØØ N**



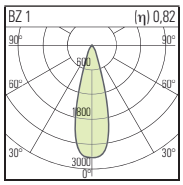

| 14° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.25 | 1 | 16062 |
| 0.50 | 2 | 4016 |
| 0.75 | 3 | 1785 |
| 1.01 | 4 | 1004 |
| 1.26 | 5 | 642 |

**Ø.35170.ØØ P**



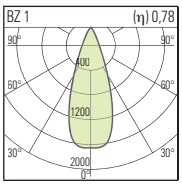

| 21° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.38 | 1 | 13666 |
| 0.75 | 2 | 3416 |
| 1.13 | 3 | 1518 |
| 1.50 | 4 | 854 |
| 1.88 | 5 | 547 |

**Ø.35171.ØØ Q**



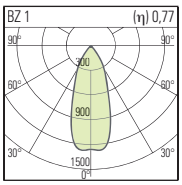

| 30° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.54 | 1 | 8776 |
| 1.07 | 2 | 2194 |
| 1.61 | 3 | 975 |
| 2.15 | 4 | 548 |
| 2.68 | 5 | 351 |

**Ø.35172.ØØ R**



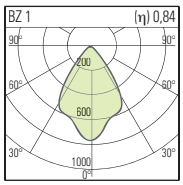

| 36° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.66 | 1 | 6282 |
| 1.32 | 2 | 1571 |
| 1.98 | 3 | 698 |
| 2.63 | 4 | 393 |
| 3.29 | 5 | 251 |

**Ø.35173.ØØ S**



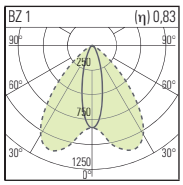

| 40° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.72 | 1 | 4051 |
| 1.45 | 2 | 1013 |
| 2.17 | 3 | 450 |
| 2.90 | 4 | 253 |
| 3.62 | 5 | 162 |

**Ø.35174.ØØ T**



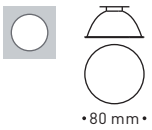

| 69° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.37 | 1 | 2455 |
| 2.74 | 2 | 614 |
| 4.12 | 3 | 273 |
| 5.49 | 4 | 153 |
| 6.86 | 5 | 98 |

**Ø.35175.ØØ U** (Mira)




| 28° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.51 | 1 | 3142 |
| 1.02 | 2 | 786 |
| 1.52 | 3 | 349 |
| 2.03 | 4 | 196 |
| 2.54 | 5 | 126 |

| 90° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 2.01 | 1 | 3142 |
| 4.03 | 2 | 786 |
| 6.04 | 3 | 349 |
| 8.06 | 4 | 196 |
| 10.07 | 5 | 126 |

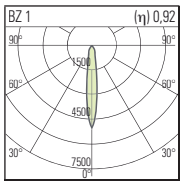



IOS reflectors with Ø 80 mm (**LL7**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer version.
There are also versions with selective filters for lighting foodstuffs.

38 W
LED
IOS
LL2

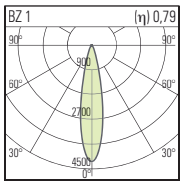
## 4329 lm [WW]

### Ø.35169.ØØ N



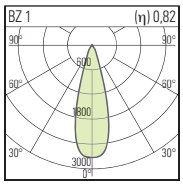

| 14° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.25 | 1 | 19434 |
| 0.50 | 2 | 4859 |
| 0.75 | 3 | 2159 |
| 1.01 | 4 | 1215 |
| 1.26 | 5 | 777 |

### Ø.35170.ØØ P



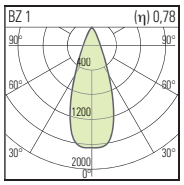

| 21° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.38 | 1 | 16535 |
| 0.75 | 2 | 4134 |
| 1.13 | 3 | 1837 |
| 1.50 | 4 | 1033 |
| 1.88 | 5 | 661 |

### Ø.35171.ØØ Q



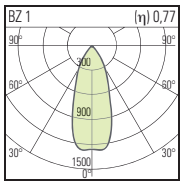

| 30° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.54 | 1 | 10618 |
| 1.07 | 2 | 2655 |
| 1.61 | 3 | 1180 |
| 2.15 | 4 | 664 |
| 2.68 | 5 | 425 |

### Ø.35172.ØØ R



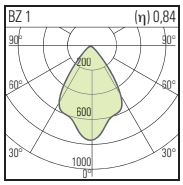

| 36° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.66 | 1 | 7601 |
| 1.32 | 2 | 1900 |
| 1.98 | 3 | 845 |
| 2.63 | 4 | 457 |
| 3.29 | 5 | 304 |

### Ø.35173.ØØ S



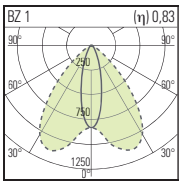

| 40° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.72 | 1 | 4901 |
| 1.45 | 2 | 1225 |
| 2.17 | 3 | 545 |
| 2.90 | 4 | 306 |
| 3.62 | 5 | 196 |

### Ø.35174.ØØ T




| 69° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.37 | 1 | 2970 |
| 2.74 | 2 | 742 |
| 4.12 | 3 | 330 |
| 5.49 | 4 | 186 |
| 6.86 | 5 | 119 |

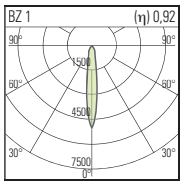
### Ø.35175.ØØ U (Mira)




| 28° | 38W | | 90° | 38W | |
|---|---|---|---|---|---|
| Ø/m | h/m | LUX | Ø/m | h/m | LUX |
| 0.51 | 1 | 3802 | 2.01 | 1 | 3802 |
| 1.02 | 2 | 950 | 4.03 | 2 | 950 |
| 1.52 | 3 | 422 | 6.04 | 3 | 422 |
| 2.03 | 4 | 238 | 8.06 | 4 | 238 |
| 2.54 | 5 | 152 | 10.07 | 5 | 152 |

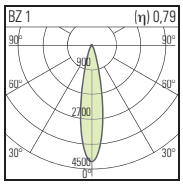
## 4480 lm [NN]

### Ø.35169.ØØ N



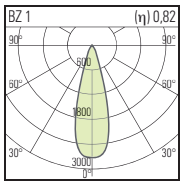

| 14° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.25 | 1 | 22682 |
| 0.50 | 2 | 5670 |
| 0.75 | 3 | 2520 |
| 1.01 | 4 | 1418 |
| 1.26 | 5 | 907 |

### Ø.35170.ØØ P



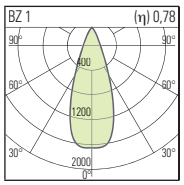

| 21° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.38 | 1 | 19298 |
| 0.75 | 2 | 4824 |
| 1.13 | 3 | 2144 |
| 1.50 | 4 | 1206 |
| 1.88 | 5 | 772 |

### Ø.35171.ØØ Q



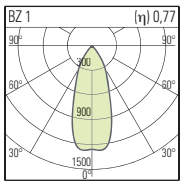

| 30° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.54 | 1 | 12393 |
| 1.07 | 2 | 3098 |
| 1.61 | 3 | 1377 |
| 2.15 | 4 | 775 |
| 2.68 | 5 | 496 |

### Ø.35172.ØØ R



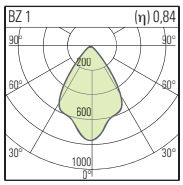

| 36° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.66 | 1 | 8871 |
| 1.32 | 2 | 2218 |
| 1.98 | 3 | 986 |
| 2.63 | 4 | 554 |
| 3.29 | 5 | 355 |

### Ø.35173.ØØ S



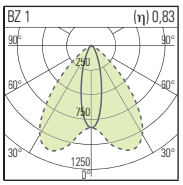

| 40° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.72 | 1 | 5720 |
| 1.45 | 2 | 1430 |
| 2.17 | 3 | 636 |
| 2.90 | 4 | 357 |
| 3.62 | 5 | 229 |

### Ø.35174.ØØ T

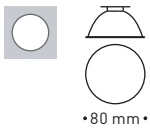



| 69° | 38W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.37 | 1 | 3466 |
| 2.74 | 2 | 867 |
| 4.12 | 3 | 385 |
| 5.49 | 4 | 217 |
| 6.86 | 5 | 139 |

### Ø.35175.ØØ U (Mira)




| 28° | 38W | | 90° | 38W | |
|---|---|---|---|---|---|
| Ø/m | h/m | LUX | Ø/m | h/m | LUX |
| 0.51 | 1 | 3802 | 2.01 | 1 | 3802 |
| 1.02 | 2 | 950 | 4.03 | 2 | 950 |
| 1.52 | 3 | 422 | 6.04 | 3 | 422 |
| 2.03 | 4 | 238 | 8.06 | 4 | 238 |
| 2.54 | 5 | 152 | 10.07 | 5 | 152 |

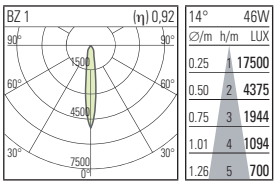



IOS reflectors with Ø 80 mm (**LL7**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer version.
There are also versions with selective filters for lighting foodstuffs.

**46 W**
**LED IOS LL2**

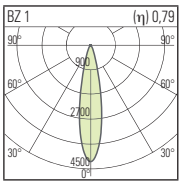
## 3940 lm [HW]

### Ø.35169.ØØ N



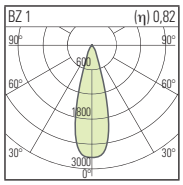

| 14° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.25 | 1 | 17500 |
| 0.50 | 2 | 4375 |
| 0.75 | 3 | 1944 |
| 1.01 | 4 | 1094 |
| 1.26 | 5 | 700 |

### Ø.35170.ØØ P



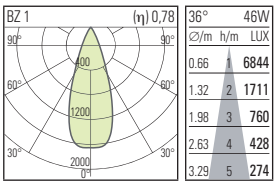

| 21° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.38 | 1 | 14889 |
| 0.75 | 2 | 3722 |
| 1.13 | 3 | 1654 |
| 1.50 | 4 | 931 |
| 1.88 | 5 | 596 |

### Ø.35171.ØØ Q



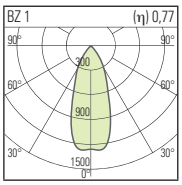

| 30° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.54 | 1 | 9561 |
| 1.07 | 2 | 2390 |
| 1.61 | 3 | 1062 |
| 2.15 | 4 | 598 |
| 2.68 | 5 | 382 |

### Ø.35172.ØØ R



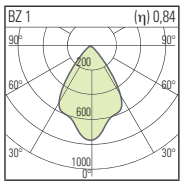

| 36° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.66 | 1 | 6844 |
| 1.32 | 2 | 1711 |
| 1.98 | 3 | 760 |
| 2.63 | 4 | 428 |
| 3.29 | 5 | 274 |

### Ø.35173.ØØ S



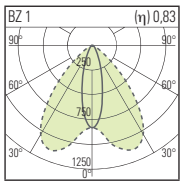

| 40° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.72 | 1 | 4413 |
| 1.45 | 2 | 1103 |
| 2.17 | 3 | 490 |
| 2.90 | 4 | 276 |
| 3.62 | 5 | 177 |

### Ø.35174.ØØ T




| 69° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.37 | 1 | 2674 |
| 2.74 | 2 | 669 |
| 4.12 | 3 | 297 |
| 5.49 | 4 | 167 |
| 6.86 | 5 | 107 |

### Ø.35175.ØØ U (Mira)

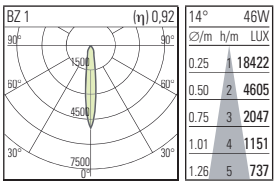



| 28° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.51 | 1 | 3422 |
| 1.02 | 2 | 856 |
| 1.52 | 3 | 380 |
| 2.03 | 4 | 214 |
| 2.54 | 5 | 137 |

| 90° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 2.02 | 1 | 3422 |
| 4.03 | 2 | 856 |
| 6.05 | 3 | 380 |
| 8.06 | 4 | 214 |
| 10.08 | 5 | 137 |

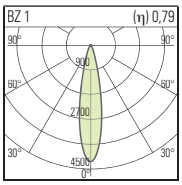
## 4147 lm [HQ]

### Ø.35169.ØØ N



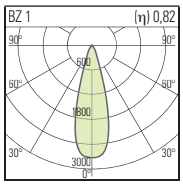

| 14° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.25 | 1 | 18422 |
| 0.50 | 2 | 4605 |
| 0.75 | 3 | 2047 |
| 1.01 | 4 | 1151 |
| 1.26 | 5 | 737 |

### Ø.35170.ØØ P



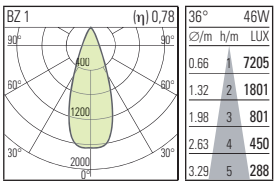

| 21° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.38 | 1 | 15673 |
| 0.75 | 2 | 3918 |
| 1.13 | 3 | 1741 |
| 1.50 | 4 | 980 |
| 1.88 | 5 | 627 |

### Ø.35171.ØØ Q



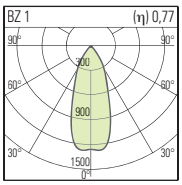

| 30° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.54 | 1 | 10065 |
| 1.07 | 2 | 2516 |
| 1.61 | 3 | 1118 |
| 2.15 | 4 | 629 |
| 2.68 | 5 | 403 |

### Ø.35172.ØØ R



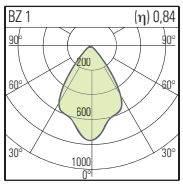

| 36° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.66 | 1 | 7205 |
| 1.32 | 2 | 1801 |
| 1.98 | 3 | 801 |
| 2.63 | 4 | 450 |
| 3.29 | 5 | 288 |

### Ø.35173.ØØ S



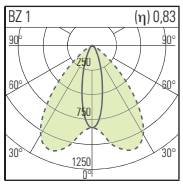

| 40° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.72 | 1 | 4646 |
| 1.45 | 2 | 1161 |
| 2.17 | 3 | 516 |
| 2.90 | 4 | 290 |
| 3.62 | 5 | 186 |

### Ø.35174.ØØ T



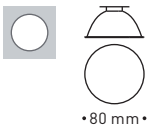

| 69° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.37 | 1 | 2815 |
| 2.74 | 2 | 704 |
| 4.12 | 3 | 313 |
| 5.49 | 4 | 176 |
| 6.86 | 5 | 113 |

### Ø.35175.ØØ U (Mira)




| 28° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.51 | 1 | 3604 |
| 1.02 | 2 | 901 |
| 1.52 | 3 | 400 |
| 2.03 | 4 | 225 |
| 2.54 | 5 | 144 |

| 90° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 2.01 | 1 | 3604 |
| 4.03 | 2 | 901 |
| 6.04 | 3 | 400 |
| 8.06 | 4 | 225 |
| 10.07 | 5 | 144 |

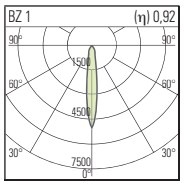



IOS reflectors with Ø 80 mm (**LL7**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer version.
There are also versions with selective filters for lighting foodstuffs.

**46 W**
**LED IOS LL2**

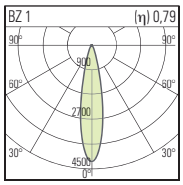
## 5017 lm [WW]

### Ø.35169.ØØ N



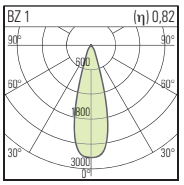

| 14° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.25 | 1 | 22285 |
| 0.50 | 2 | 5571 |
| 0.75 | 3 | 2476 |
| 1.01 | 4 | 1393 |
| 1.26 | 5 | 891 |

### Ø.35170.ØØ P



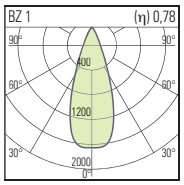

| 21° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.38 | 1 | 18961 |
| 0.75 | 2 | 4740 |
| 1.13 | 3 | 2107 |
| 1.50 | 4 | 1185 |
| 1.88 | 5 | 758 |

### Ø.35171.ØØ Q



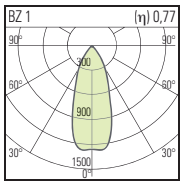

| 30° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.54 | 1 | 12176 |
| 1.07 | 2 | 3044 |
| 1.61 | 3 | 1353 |
| 2.15 | 4 | 761 |
| 2.68 | 5 | 487 |

### Ø.35172.ØØ R



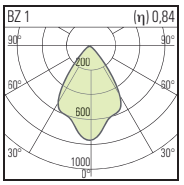

| 36° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.66 | 1 | 8716 |
| 1.32 | 2 | 2179 |
| 1.98 | 3 | 968 |
| 2.63 | 4 | 545 |
| 3.29 | 5 | 349 |

### Ø.35173.ØØ S



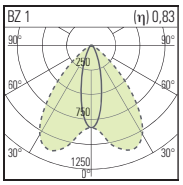

| 40° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.72 | 1 | 5620 |
| 1.45 | 2 | 1405 |
| 2.17 | 3 | 624 |
| 2.90 | 4 | 351 |
| 3.62 | 5 | 255 |

### Ø.35174.ØØ T




| 69° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.37 | 1 | 3406 |
| 2.74 | 2 | 851 |
| 4.12 | 3 | 378 |
| 5.49 | 4 | 213 |
| 6.86 | 5 | 136 |

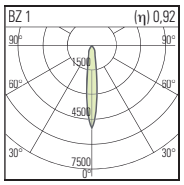
### Ø.35175.ØØ U (Mira)




| 28° | 46W | | 90° | 46W | |
|---|---|---|---|---|---|
| Ø/m | h/m | LUX | Ø/m | h/m | LUX |
| 0.51 | 1 | 4515 | 2.01 | 1 | 4515 |
| 1.02 | 2 | 1129 | 4.03 | 2 | 1129 |
| 1.52 | 3 | 502 | 6.04 | 3 | 502 |
| 2.03 | 4 | 282 | 8.06 | 4 | 282 |
| 2.54 | 5 | 181 | 10.07 | 5 | 181 |

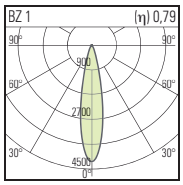
## 5196 lm [NN]

### Ø.35169.ØØ N



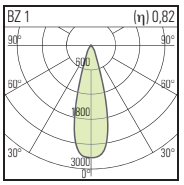

| 14° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.25 | 1 | 23078 |
| 0.50 | 2 | 5770 |
| 0.75 | 3 | 2564 |
| 1.01 | 4 | 1442 |
| 1.26 | 5 | 923 |

### Ø.35170.ØØ P



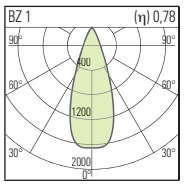

| 21° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.38 | 1 | 19635 |
| 0.75 | 2 | 4909 |
| 1.13 | 3 | 2182 |
| 1.50 | 4 | 1227 |
| 1.88 | 5 | 785 |

### Ø.35171.ØØ Q



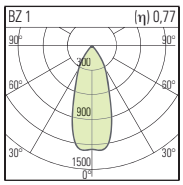

| 30° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.54 | 1 | 12609 |
| 1.07 | 2 | 3152 |
| 1.61 | 3 | 1401 |
| 2.15 | 4 | 788 |
| 2.68 | 5 | 504 |

### Ø.35172.ØØ R



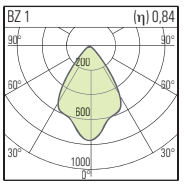

| 36° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.66 | 1 | 9026 |
| 1.32 | 2 | 2257 |
| 1.98 | 3 | 1003 |
| 2.63 | 4 | 564 |
| 3.29 | 5 | 361 |

### Ø.35173.ØØ S



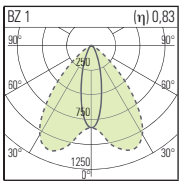

| 40° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.72 | 1 | 5820 |
| 1.45 | 2 | 1455 |
| 2.17 | 3 | 647 |
| 2.90 | 4 | 364 |
| 3.62 | 5 | 233 |

### Ø.35174.ØØ T




| 69° | 46W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.37 | 1 | 3527 |
| 2.74 | 2 | 882 |
| 4.12 | 3 | 392 |
| 5.49 | 4 | 220 |
| 6.86 | 5 | 141 |

### Ø.35175.ØØ U (Mira)




| 28° | 46W | | 90° | 46W | |
|---|---|---|---|---|---|
| Ø/m | h/m | LUX | Ø/m | h/m | LUX |
| 0.51 | 1 | 4360 | 2.01 | 1 | 4360 |
| 1.02 | 2 | 1090 | 4.03 | 2 | 1090 |
| 1.52 | 3 | 484 | 6.04 | 3 | 484 |
| 2.03 | 4 | 272 | 8.06 | 4 | 272 |
| 2.54 | 5 | 174 | 10.07 | 5 | 174 |

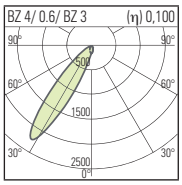
Wall Washer optics (**LL8**) made from antistatic metallised polycarbonate with scratch resistant protective coating.

13 W

LED

**641 lm [HQ]**

Ø.**B563Ø**.ØØ (Wall Washer)

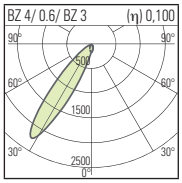



| 21° 13W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.54 | 1 | 924 |
| 1,07 | 2 | 231 |
| 1.61 | 3 | 103 |
| 2.15 | 4 | 58 |
| 2.68 | 5 | 37 |

| 48° 13W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.05 | 1 | 924 |
| 2.10 | 2 | 231 |
| 3.16 | 3 | 103 |
| 4.21 | 4 | 58 |
| 5.26 | 5 | 37 |

**788 lm [WW]**

Ø.**B563Ø**.ØØ (Wall Washer)

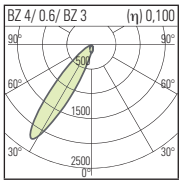



| 21° 13W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.54 | 1 | 1135 |
| 1,07 | 2 | 284 |
| 1.61 | 3 | 126 |
| 2.15 | 4 | 71 |
| 2.68 | 5 | 45 |

| 48° 13W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.05 | 1 | 1135 |
| 2.10 | 2 | 284 |
| 3.16 | 3 | 126 |
| 4.21 | 4 | 71 |
| 5.26 | 5 | 45 |

**872 lm [NN]**

Ø.**B563Ø**.ØØ (Wall Washer)




| 21° 13W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.54 | 1 | 1257 |
| 1,07 | 2 | 314 |
| 1.61 | 3 | 140 |
| 2.15 | 4 | 79 |
| 2.68 | 5 | 50 |

| 48° 13W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.05 | 1 | 1257 |
| 2.10 | 2 | 314 |
| 3.16 | 3 | 140 |
| 4.21 | 4 | 79 |
| 5.26 | 5 | 50 |

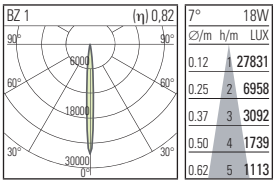
An assembly of LEDs on a printed square or rectangular circuit board, with optical elements and thermal and mechanical interfaces.

**17 W**

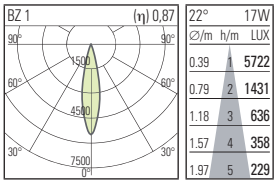
**LED**

**1235 lm [HQ]**

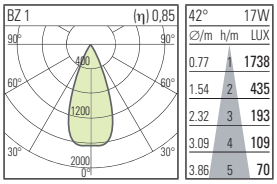
**Ø.221Ø1.ØØ**




**Ø.221Ø2.ØØ**

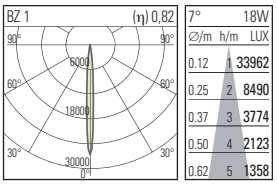



**Ø.221Ø3.ØØ**

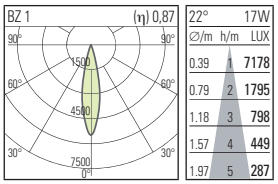



**1545 lm [WW]**

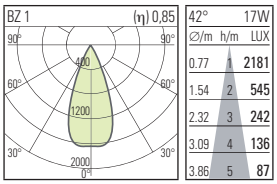
**Ø.221Ø1.ØØ**




**Ø.221Ø2.ØØ**

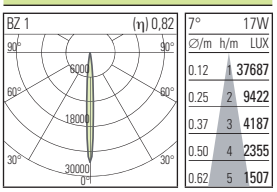



**Ø.221Ø3.ØØ**

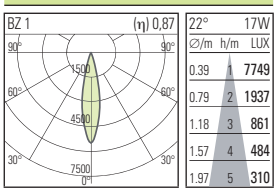



**1670 lm [NN]**

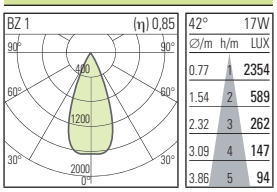
**Ø.221Ø1.ØØ**




**Ø.221Ø2.ØØ**




**Ø.221Ø3.ØØ**

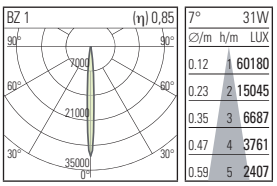



**31 W**

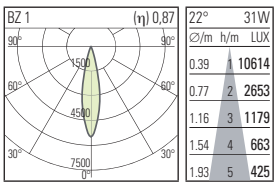
**LED**

**2240 lm [HQ]**

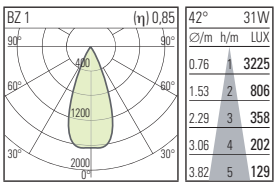
**Ø.22151.ØØ**




**Ø.22152.ØØ**

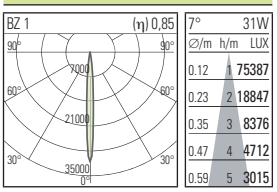



**Ø.22153.ØØ**

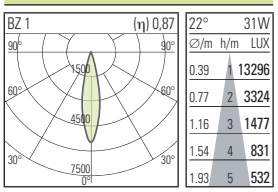



**2800 lm [WW]**

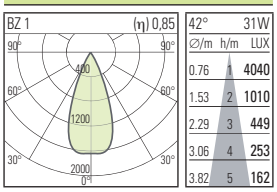
**Ø.22151.ØØ**




**Ø.22152.ØØ**

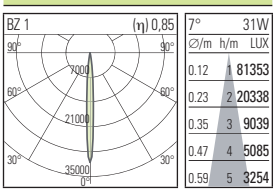



**Ø.22153.ØØ**

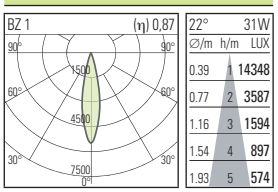



**3025 lm [NN]**

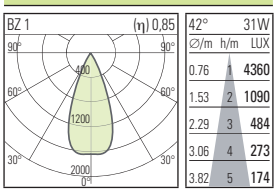
**Ø.22151.ØØ**




**Ø.22152.ØØ**




**Ø.22153.ØØ**



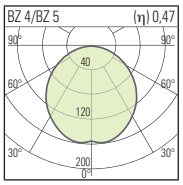
The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

3 W

LED

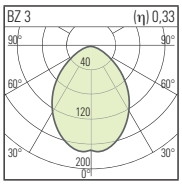
**266 lm [HW]**

**BCØAØ / CCØAØ** ⟷



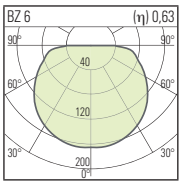

| 110° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.88 | 1 | 42 |
| 5.76 | 2 | 10 |
| 8.64 | 3 | 5 |
| 11.52 | 4 | 3 |
| 14.39 | 5 | 2 |

**BCØAØ / CCØAØ** ↑




| 85° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.84 | 1 | 43 |
| 3.69 | 2 | 11 |
| 5.53 | 3 | 5 |
| 7.38 | 4 | 3 |
| 9.22 | 5 | 2 |

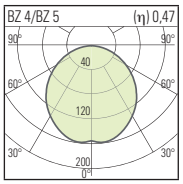
**BCØAØ / CCØAØ** ↓




| 152° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 7.99 | 1 | 38 |
| 15.98 | 2 | 10 |
| 23.96 | 3 | 4 |
| 31.95 | 4 | 2 |
| 39.94 | 5 | 2 |

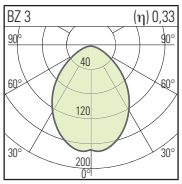
**310 lm [HQ]**

**BCØAØ / CCØAØ** ⟷



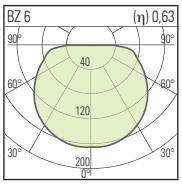

| 110° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.88 | 1 | 59 |
| 5.76 | 2 | 15 |
| 8.64 | 3 | 7 |
| 11.52 | 4 | 4 |
| 14.39 | 5 | 2 |

**BCØAØ / CCØAØ** ↑




| 85° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.84 | 1 | 61 |
| 3.69 | 2 | 15 |
| 5.53 | 3 | 7 |
| 7.38 | 4 | 4 |
| 9.22 | 5 | 2 |

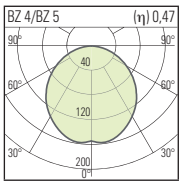
**BCØAØ / CCØAØ** ↓




| 152° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 7.99 | 1 | 54 |
| 15.98 | 2 | 13 |
| 23.96 | 3 | 6 |
| 31.95 | 4 | 3 |
| 39.94 | 5 | 2 |

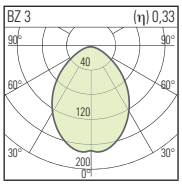
**350 lm [WW]**

**BCØAØ / CCØAØ** ⟷



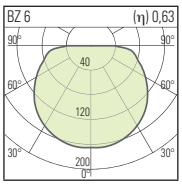

| 110° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.88 | 1 | 49 |
| 5.76 | 2 | 12 |
| 8.64 | 3 | 5 |
| 11.52 | 4 | 3 |
| 14.39 | 5 | 2 |

**BCØAØ / CCØAØ** ↑




| 85° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.84 | 1 | 50 |
| 3.69 | 2 | 13 |
| 5.53 | 3 | 6 |
| 7.38 | 4 | 3 |
| 9.22 | 5 | 2 |

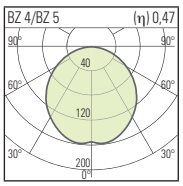
**BCØAØ / CCØAØ** ↓




| 152° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 7.99 | 1 | 45 |
| 15.98 | 2 | 11 |
| 23.96 | 3 | 5 |
| 31.95 | 4 | 3 |
| 39.94 | 5 | 2 |

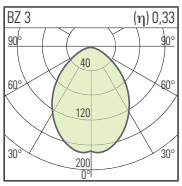
**375 lm [NN]**

**BCØAØ / CCØAØ** ⟷



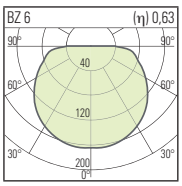

| 110° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.88 | 1 | 55 |
| 5.76 | 2 | 14 |
| 8.64 | 3 | 6 |
| 11.52 | 4 | 3 |
| 14.39 | 5 | 2 |

**BCØAØ / CCØAØ** ↑




| 85° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.84 | 1 | 57 |
| 3.69 | 2 | 14 |
| 5.53 | 3 | 6 |
| 7.38 | 4 | 4 |
| 9.22 | 5 | 2 |

**BCØAØ / CCØAØ** ↓




| 152° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 7.99 | 1 | 50 |
| 15.98 | 2 | 13 |
| 23.96 | 3 | 6 |
| 31.95 | 4 | 3 |
| 39.94 | 5 | 2 |

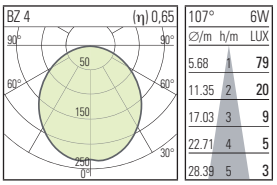
The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

6 W

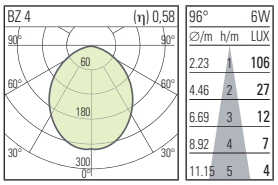
LED

## 450 lm [HW]

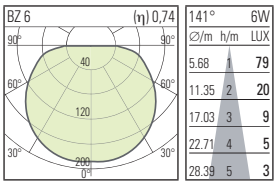
### BCØBØ / CCØBØ ⟷




### BCØAØ / CCØAØ ↑

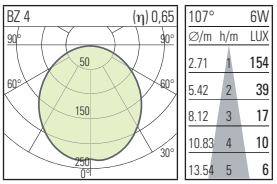



### BCØAØ / CCØAØ ↓

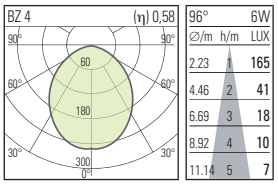



## 570 lm [HQ]

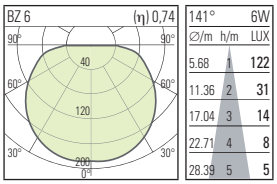
### BCØBØ / CCØBØ ⟷




### BCØAØ / CCØAØ ↑

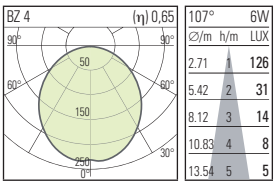



### BCØAØ / CCØAØ ↓

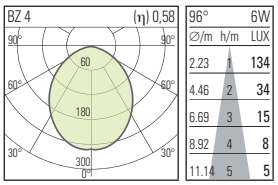



## 650 lm [WW]

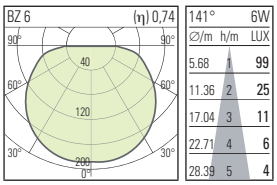
### BCØBØ / CCØBØ ⟷




### BCØAØ / CCØAØ ↑

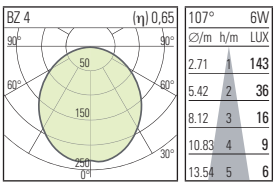



### BCØAØ / CCØAØ ↓

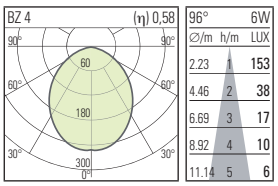



## 700 lm [NN]

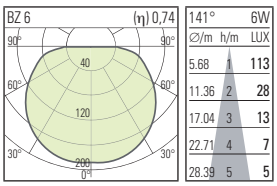
### BCØBØ / CCØBØ ⟷




### BCØAØ / CCØAØ ↑




### BCØAØ / CCØAØ ↓



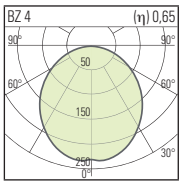
The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

8 W

LED

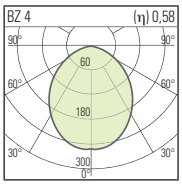
637 lm [HW]

BCØCØ / CCØCØ ⟷



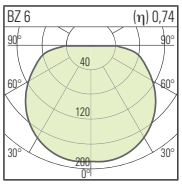

| 107° | 8W |
|---|---|
| ∅/m | h/m LUX |
| 2.71 | 1 141 |
| 5.42 | 2 35 |
| 8.12 | 3 16 |
| 10.83 | 4 9 |
| 13.54 | 5 6 |

BCØCØ / CCØCØ ↑




| 96° | 8W |
|---|---|
| ∅/m | h/m LUX |
| 2.23 | 1 150 |
| 4.46 | 2 38 |
| 6.69 | 3 17 |
| 8.92 | 4 9 |
| 11.15 | 5 6 |

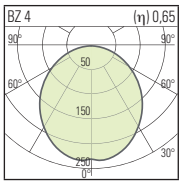
BCØCØ / CCØCØ ↓




| 141° | 8W |
|---|---|
| ∅/m | h/m LUX |
| 5.68 | 1 111 |
| 11.35 | 2 28 |
| 17.03 | 3 12 |
| 22.71 | 4 7 |
| 28.39 | 5 4 |

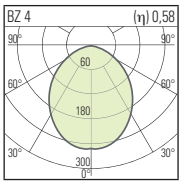
765 lm [HQ]

BCØCØ / CCØCØ ⟷



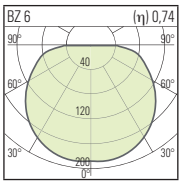

| 107° | 8W |
|---|---|
| ∅/m | h/m LUX |
| 2.71 | 1 215 |
| 5.42 | 2 54 |
| 8.12 | 3 24 |
| 10.83 | 4 13 |
| 13.54 | 5 9 |

BCØCØ / CCØCØ ↑




| 96° | 8W |
|---|---|
| ∅/m | h/m LUX |
| 2.23 | 1 230 |
| 4.46 | 2 57 |
| 6.69 | 3 26 |
| 8.92 | 4 14 |
| 11.14 | 5 9 |

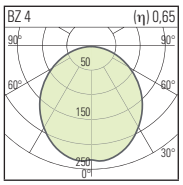
BCØCØ / CCØCØ ↓




| 141° | 8W |
|---|---|
| ∅/m | h/m LUX |
| 5.68 | 1 170 |
| 11.36 | 2 43 |
| 17.04 | 3 19 |
| 22.71 | 4 11 |
| 28.39 | 5 7 |

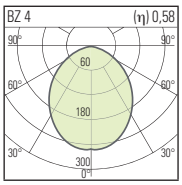
880 lm [WW]

BCØCØ / CCØCØ ⟷



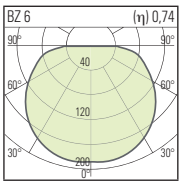

| 107° | 8W |
|---|---|
| ∅/m | h/m LUX |
| 2.71 | 1 168 |
| 5.42 | 2 42 |
| 8.12 | 3 19 |
| 10.83 | 4 11 |
| 13.54 | 5 7 |

BCØCØ / CCØCØ ↑




| 96° | 8W |
|---|---|
| ∅/m | h/m LUX |
| 2.23 | 1 134 |
| 4.46 | 2 34 |
| 6.69 | 3 15 |
| 8.92 | 4 8 |
| 11.14 | 5 5 |

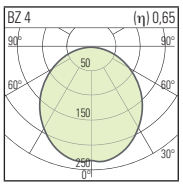
BCØCØ / CCØCØ ↓




| 141° | 8W |
|---|---|
| ∅/m | h/m LUX |
| 5.68 | 1 133 |
| 11.36 | 2 33 |
| 17.04 | 3 15 |
| 22.71 | 4 8 |
| 28.39 | 5 5 |

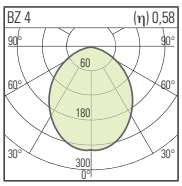
975 lm [NN]

BCØCØ / CCØCØ ⟷



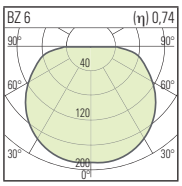

| 107° | 8W |
|---|---|
| ∅/m | h/m LUX |
| 2.71 | 1 194 |
| 5.42 | 2 48 |
| 8.12 | 3 22 |
| 10.83 | 4 12 |
| 13.54 | 5 8 |

BCØCØ / CCØCØ ↑




| 96° | 8W |
|---|---|
| ∅/m | h/m LUX |
| 2.23 | 1 230 |
| 4.46 | 2 57 |
| 6.69 | 3 26 |
| 8.92 | 4 14 |
| 11.14 | 5 9 |

BCØCØ / CCØCØ ↓




| 141° | 8W |
|---|---|
| ∅/m | h/m LUX |
| 5.68 | 1 153 |
| 11.36 | 2 38 |
| 17.04 | 3 17 |
| 22.71 | 4 10 |
| 28.39 | 5 6 |

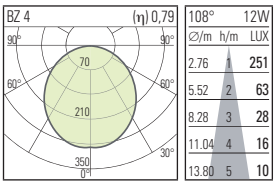
The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

12 W

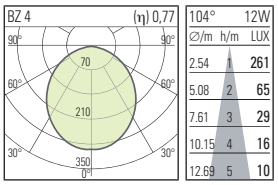
LED

971 lm [HW]

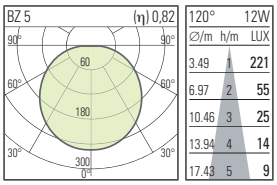
BCØEØ / CCØEØ ⟷




BCØEØ / CCØEØ ↑

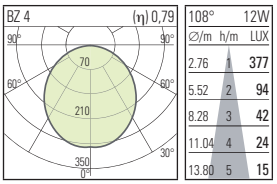



BCØEØ / CCØEØ ↓

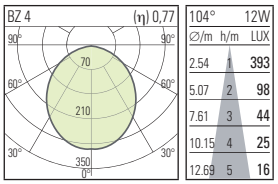



1155 lm [HQ]

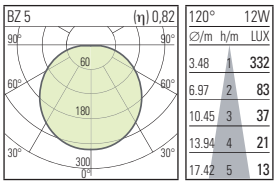
BCØEØ / CCØEØ ⟷




BCØEØ / CCØEØ ↑

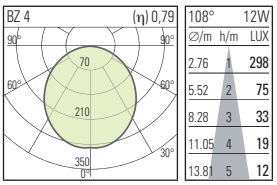



BCØEØ / CCØEØ ↓

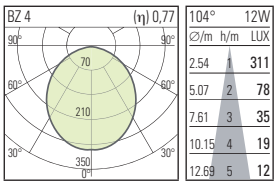



1320 lm [WW]

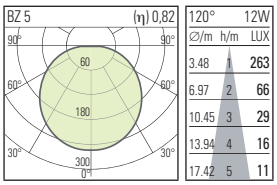
BCØEØ / CCØEØ ⟷




BCØEØ / CCØEØ ↑

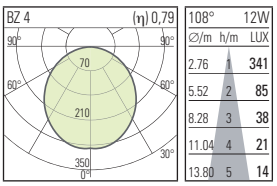



BCØEØ / CCØEØ ↓

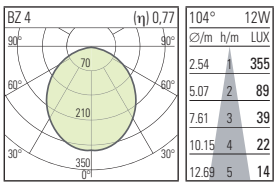



1460 lm [NN]

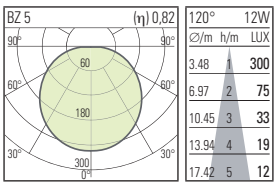
BCØEØ / CCØEØ ⟷




BCØEØ / CCØEØ ↑




BCØEØ / CCØEØ ↓



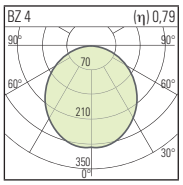
The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

24 W

LED

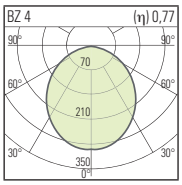
**1637 lm [HW]**

**BCØEØ / CCØEØ ⟷**



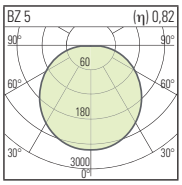

| 108° | 24W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.76 | 1 | 423 |
| 5.52 | 2 | 106 |
| 8.28 | 3 | 47 |
| 11.04 | 4 | 26 |
| 13.80 | 5 | 17 |

**BCØEØ / CCØEØ ↑**




| 104° | 24W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.54 | 1 | 440 |
| 5.08 | 2 | 110 |
| 7.61 | 3 | 49 |
| 10.15 | 4 | 28 |
| 12.69 | 5 | 18 |

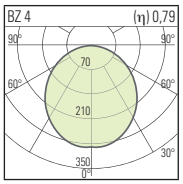
**BCØEØ / CCØEØ ↓**




| 120° | 24W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 3.49 | 1 | 372 |
| 6.97 | 2 | 93 |
| 10.46 | 3 | 41 |
| 13.94 | 4 | 23 |
| 17.43 | 5 | 15 |

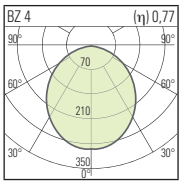
**2030 lm [HQ]**

**BCØEØ / CCØEØ ⟷**



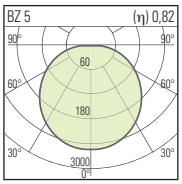

| 108° | 24W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.76 | 1 | 663 |
| 5.52 | 2 | 166 |
| 8.28 | 3 | 74 |
| 11.04 | 4 | 41 |
| 13.80 | 5 | 27 |

**BCØEØ / CCØEØ ↑**




| 104° | 24W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.54 | 1 | 690 |
| 5.07 | 2 | 173 |
| 7.61 | 3 | 77 |
| 10.15 | 4 | 43 |
| 12.69 | 5 | 28 |

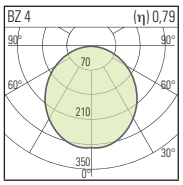
**BCØEØ / CCØEØ ↓**




| 120° | 24W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 3.49 | 1 | 583 |
| 6.97 | 2 | 146 |
| 10.46 | 3 | 65 |
| 13.94 | 4 | 36 |
| 17.43 | 5 | 23 |

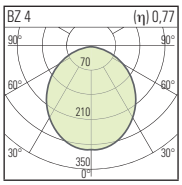
**2470 lm [WW]**

**BCØEØ / CCØEØ ⟷**



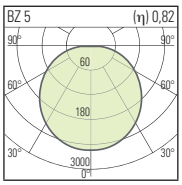

| 108° | 24W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.76 | 1 | 524 |
| 5.52 | 2 | 131 |
| 8.28 | 3 | 58 |
| 11.04 | 4 | 33 |
| 13.80 | 5 | 21 |

**BCØEØ / CCØEØ ↑**




| 104° | 24W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.54 | 1 | 546 |
| 5.08 | 2 | 136 |
| 7.61 | 3 | 61 |
| 10.15 | 4 | 34 |
| 12.69 | 5 | 22 |

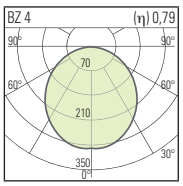
**BCØEØ / CCØEØ ↓**




| 120° | 24W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 3.49 | 1 | 462 |
| 6.97 | 2 | 115 |
| 10.46 | 3 | 51 |
| 13.94 | 4 | 29 |
| 17.43 | 5 | 18 |

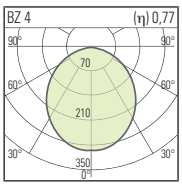
**2565 lm [NN]**

**BCØEØ / CCØEØ ⟷**



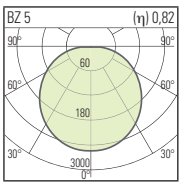

| 108° | 24W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.76 | 1 | 638 |
| 5.52 | 2 | 159 |
| 8.28 | 3 | 71 |
| 11.04 | 4 | 40 |
| 13.80 | 5 | 26 |

**BCØEØ / CCØEØ ↑**




| 104° | 24W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.54 | 1 | 664 |
| 5.07 | 2 | 166 |
| 7.61 | 3 | 74 |
| 10.15 | 4 | 42 |
| 12.69 | 5 | 27 |

**BCØEØ / CCØEØ ↓**




| 120° | 24W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 3.49 | 1 | 562 |
| 6.97 | 2 | 140 |
| 10.46 | 3 | 62 |
| 13.94 | 4 | 35 |
| 17.43 | 5 | 22 |

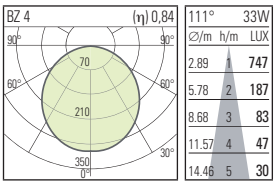
An assembly of LEDs on a printed square or rectangular circuit board, with optical elements and thermal and mechanical interfaces.

33 W

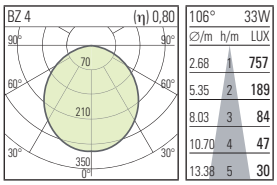
LED

## 2797 lm [HW]

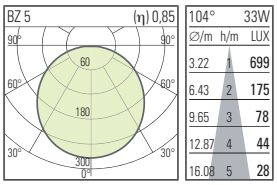
**BCØLØ / CCØLØ ⟷**




**BCØLØ / CCØLØ ↑**

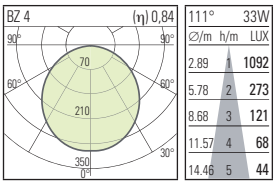



**BCØLØ / CCØLØ ↓**

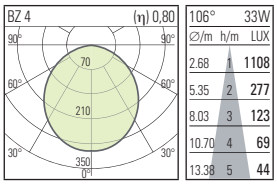



## 3360 lm [HQ]

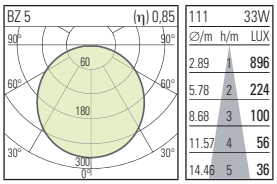
**BCØLØ / CCØLØ ⟷**




**BCØLØ / CCØLØ ↑**

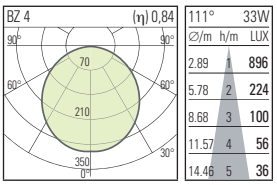



**BCØLØ / CCØLØ ↓**

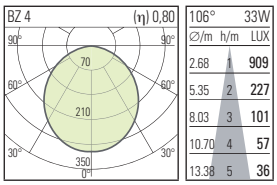



## 3818 lm [WW]

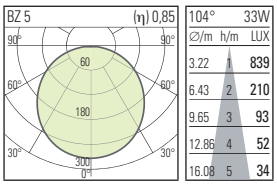
**BCØLØ / CCØLØ ⟷**




**BCØLØ / CCØLØ ↑**

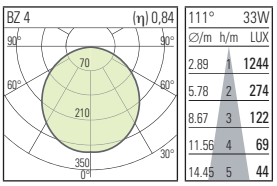



**BCØLØ / CCØLØ ↓**

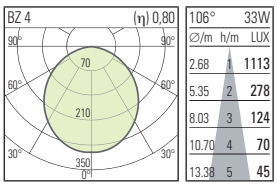



## 4096 lm [NN]

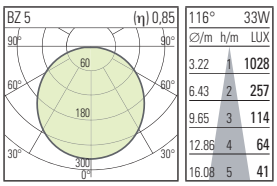
**BCØLØ / CCØLØ ⟷**




**BCØLØ / CCØLØ ↑**




**BCØLØ / CCØLØ ↓**



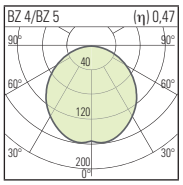
The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

3 W

LED

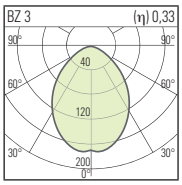
## 266 lm [HW]

### DCØAØ / FCØAØ ⟷



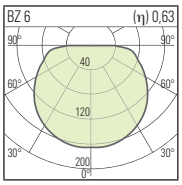

| 109° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.80 | 1 | 46 |
| 5.60 | 2 | 11 |
| 8.39 | 3 | 5 |
| 11.19 | 4 | 3 |
| 13.99 | 5 | 2 |

### DCØAØ / FCØAØ ↑




| 80° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.68 | 1 | 47 |
| 3.37 | 2 | 12 |
| 5.05 | 3 | 5 |
| 6.73 | 4 | 3 |
| 8.42 | 5 | 2 |

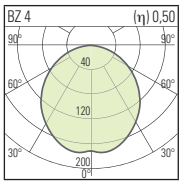
### DCØAØ / FCØAØ ↓




| 142° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 5.84 | 1 | 43 |
| 11.68 | 2 | 11 |
| 17.52 | 3 | 5 |
| 23.36 | 4 | 3 |
| 29.20 | 5 | 2 |

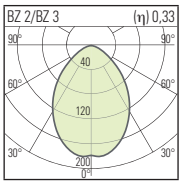
## 310 lm [HQ]

### DCØAØ / FCØAØ ⟷



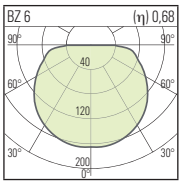

| 109° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.80 | 1 | 64 |
| 5.60 | 2 | 16 |
| 8.39 | 3 | 7 |
| 11.19 | 4 | 4 |
| 13.99 | 5 | 3 |

### DCØAØ / FCØAØ ↑




| 80° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.68 | 1 | 66 |
| 3.37 | 2 | 16 |
| 5.05 | 3 | 7 |
| 6.73 | 4 | 4 |
| 8.42 | 5 | 3 |

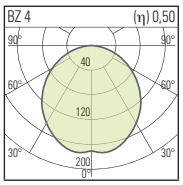
### DCØAØ / FCØAØ ↓




| 142° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 5.84 | 1 | 61 |
| 11.68 | 2 | 15 |
| 17.52 | 3 | 7 |
| 23.36 | 4 | 4 |
| 29.20 | 5 | 2 |

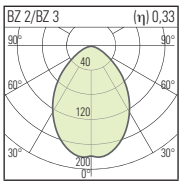
## 350 lm [WW]

### DCØAØ / FCØAØ ⟷



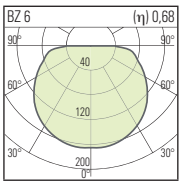

| 109° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.80 | 1 | 53 |
| 5.60 | 2 | 13 |
| 8.39 | 3 | 6 |
| 11.19 | 4 | 3 |
| 13.99 | 5 | 2 |

### DCØAØ / FCØAØ ↑




| 80° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.68 | 1 | 54 |
| 3.37 | 2 | 14 |
| 5.05 | 3 | 6 |
| 6.73 | 4 | 3 |
| 8.42 | 5 | 2 |

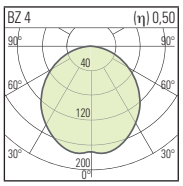
### DCØAØ / FCØAØ ↓




| 142° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 5.84 | 1 | 50 |
| 11.68 | 2 | 13 |
| 17.52 | 3 | 6 |
| 23.36 | 4 | 3 |
| 29.20 | 5 | 2 |

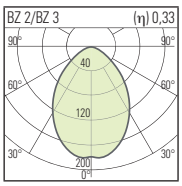
## 375 lm [NN]

### DCØAØ / FCØAØ ⟷



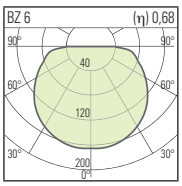

| 109° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.80 | 1 | 60 |
| 5.60 | 2 | 15 |
| 8.39 | 3 | 7 |
| 11.19 | 4 | 4 |
| 13.99 | 5 | 2 |

### DCØAØ / FCØAØ ↑




| 80° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 1.68 | 1 | 61 |
| 3.37 | 2 | 15 |
| 5.05 | 3 | 7 |
| 6.73 | 4 | 4 |
| 8.42 | 5 | 2 |

### DCØAØ / FCØAØ ↓




| 142° | 3W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 5.84 | 1 | 57 |
| 11.68 | 2 | 14 |
| 17.52 | 3 | 6 |
| 23.36 | 4 | 4 |
| 29.20 | 5 | 2 |

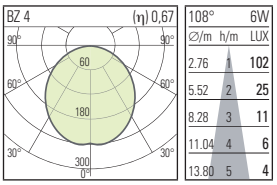
The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

6 W

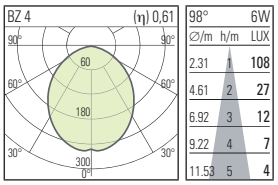
LED

## 450 lm [HW]

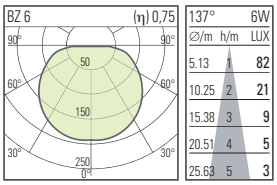
**DCØBØ / FCØBØ ⟷**




**DCØBØ / FCØBØ ↑**

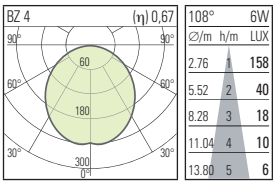



**DCØBØ / FCØBØ ↓**

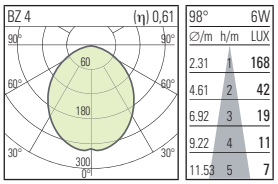



## 570 lm [HQ]

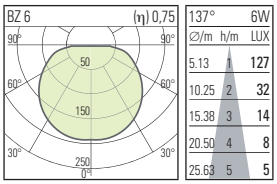
**DCØBØ / FCØBØ ⟷**




**DCØBØ / FCØBØ ↑**

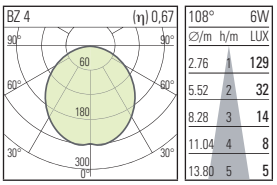



**DCØBØ / FCØBØ ↓**

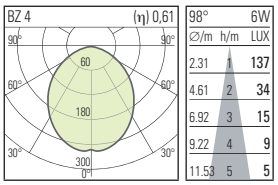



## 650 lm [WW]

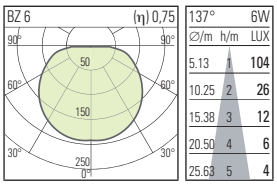
**DCØBØ / FCØBØ ⟷**




**DCØBØ / FCØBØ ↑**

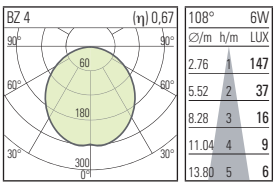



**DCØBØ / FCØBØ ↓**

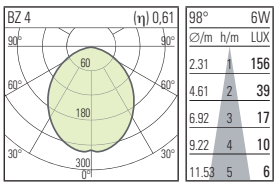



## 700 lm [NN]

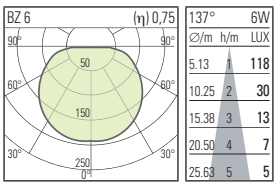
**DCØBØ / FCØBØ ⟷**




**DCØBØ / FCØBØ ↑**




**DCØBØ / FCØBØ ↓**



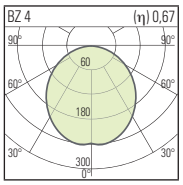
The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

**8 W**

**LED**

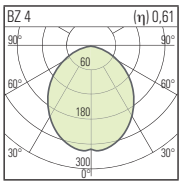
**637 lm [HW]**

**DCØCØ / FCØCØ ⟷**



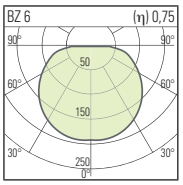

| 108° | 8W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.76 | 1 | 144 |
| 5.52 | 2 | 36 |
| 8.28 | 3 | 16 |
| 11.04 | 4 | 9 |
| 13.80 | 5 | 6 |

**DCØCØ / FCØCØ ↑**




| 98° | 8W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.31 | 1 | 154 |
| 4.61 | 2 | 38 |
| 6.92 | 3 | 17 |
| 9.22 | 4 | 10 |
| 11.53 | 5 | 6 |

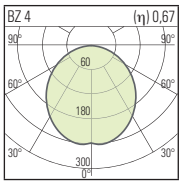
**DCØCØ / FCØCØ ↓**




| 137° | 8W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 5.13 | 1 | 116 |
| 10.25 | 2 | 29 |
| 15.38 | 3 | 13 |
| 20.51 | 4 | 7 |
| 25.63 | 5 | 5 |

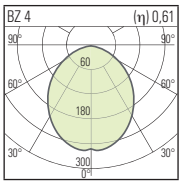
**765 lm [HQ]**

**DCØCØ / FCØCØ ⟷**



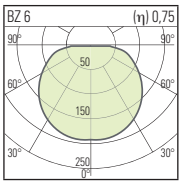

| 108° | 8W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.76 | 1 | 220 |
| 5.52 | 2 | 55 |
| 8.28 | 3 | 24 |
| 11.04 | 4 | 14 |
| 13.80 | 5 | 9 |

**DCØCØ / FCØCØ ↑**




| 98° | 8W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.31 | 1 | 235 |
| 4.61 | 2 | 59 |
| 6.92 | 3 | 26 |
| 9.22 | 4 | 15 |
| 11.53 | 5 | 9 |

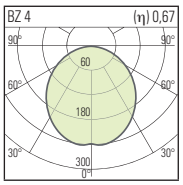
**DCØCØ / FCØCØ ↓**




| 137° | 8W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 5.13 | 1 | 178 |
| 10.25 | 2 | 44 |
| 15.38 | 3 | 20 |
| 20.50 | 4 | 11 |
| 25.63 | 5 | 7 |

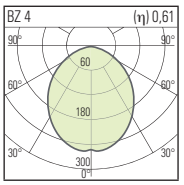
**880 lm [WW]**

**DCØCØ / FCØCØ ⟷**



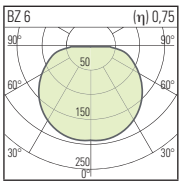

| 108° | 8W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.76 | 1 | 173 |
| 5.52 | 2 | 43 |
| 8.28 | 3 | 19 |
| 11.04 | 4 | 11 |
| 13.80 | 5 | 7 |

**DCØCØ / FCØCØ ↑**




| 98° | 8W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.31 | 1 | 184 |
| 4.61 | 2 | 46 |
| 6.92 | 3 | 20 |
| 9.22 | 4 | 11 |
| 11.53 | 5 | 7 |

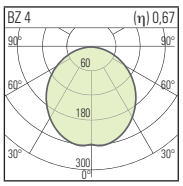
**DCØCØ / FCØCØ ↓**




| 137° | 8W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 5.13 | 1 | 139 |
| 10.25 | 2 | 35 |
| 15.38 | 3 | 15 |
| 20.50 | 4 | 9 |
| 25.63 | 5 | 6 |

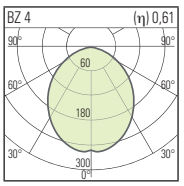
**975 lm [NN]**

**DCØCØ / FCØCØ ⟷**



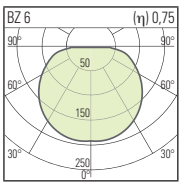

| 108° | 8W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.76 | 1 | 199 |
| 5.52 | 2 | 50 |
| 8.28 | 3 | 22 |
| 11.04 | 4 | 12 |
| 13.80 | 5 | 8 |

**DCØCØ / FCØCØ ↑**




| 98° | 8W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 2.31 | 1 | 212 |
| 4.61 | 2 | 53 |
| 6.92 | 3 | 24 |
| 9.22 | 4 | 13 |
| 11.53 | 5 | 8 |

**DCØCØ / FCØCØ ↓**




| 137° | 8W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 5.13 | 1 | 160 |
| 10.25 | 2 | 40 |
| 15.38 | 3 | 18 |
| 20.50 | 4 | 10 |
| 25.63 | 5 | 6 |

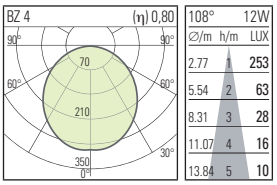
The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

12 W

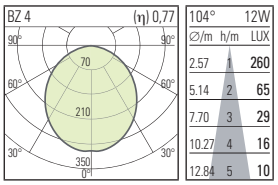
LED

## 971 lm [HW]

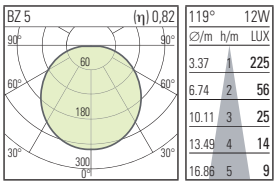
**DCØEØ / FCØEØ** ⟷




**DCØEØ / FCØEØ** ↑

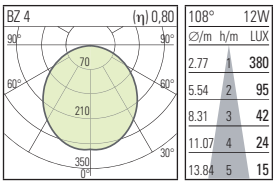



**DCØEØ / FCØEØ** ↓

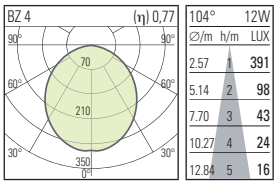



## 1155 lm [HQ]

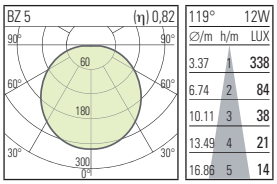
**DCØEØ / FCØEØ** ⟷




**DCØEØ / FCØEØ** ↑

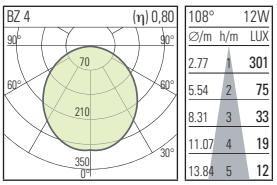



**DCØEØ / FCØEØ** ↓

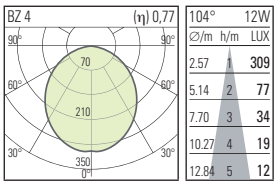



## 1320 lm [WW]

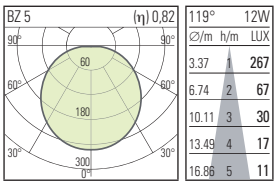
**DCØEØ / FCØEØ** ⟷




**DCØEØ / FCØEØ** ↑

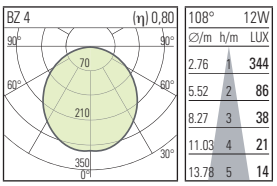



**DCØEØ / FCØEØ** ↓

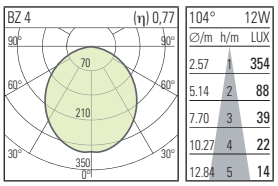



## 1460 lm [NN]

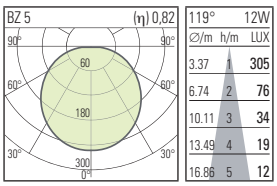
**DCØEØ / FCØEØ** ⟷




**DCØEØ / FCØEØ** ↑




**DCØEØ / FCØEØ** ↓



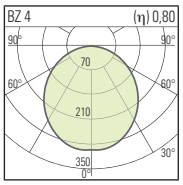
The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

**24 W**

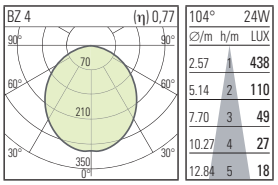
**LED**

**1637 lm [HW]**

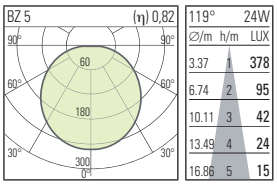
**DCØEØ / FCØEØ ⟷**




**DCØEØ / FCØEØ ↑**

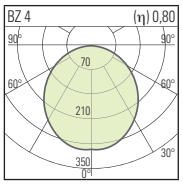



**DCØEØ / FCØEØ ↓**

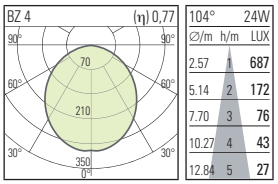



**2030 lm [HQ]**

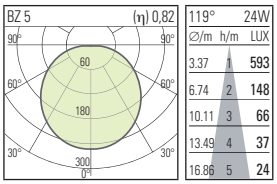
**DCØEØ / FCØEØ ⟷**




**DCØEØ / FCØEØ ↑**

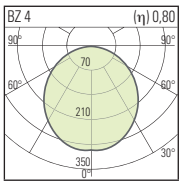



**DCØEØ / FCØEØ ↓**

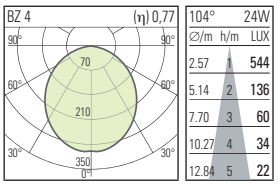



**2470 lm [WW]**

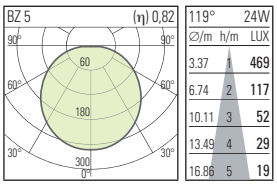
**DCØEØ / FCØEØ ⟷**




**DCØEØ / FCØEØ ↑**

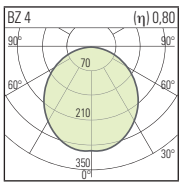



**DCØEØ / FCØEØ ↓**

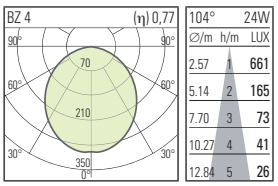



**2565 lm [NN]**

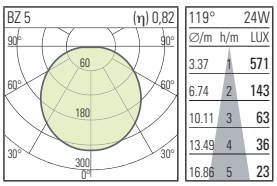
**DCØEØ / FCØEØ ⟷**




**DCØEØ / FCØEØ ↑**




**DCØEØ / FCØEØ ↓**



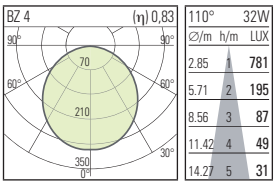
An assembly of LEDs on a printed square or rectangular circuit board, with optical elements and thermal and mechanical interfaces.

32 W

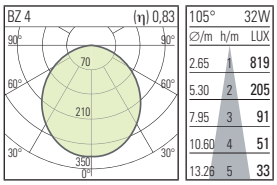
LED

## 2913 lm [HW]

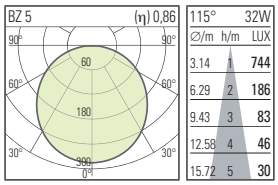
### DCØLØ / FCØLØ ⟷




### DCØLØ / FCØLØ ↑

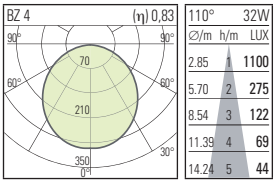



### DCØLØ / FCØLØ ↓

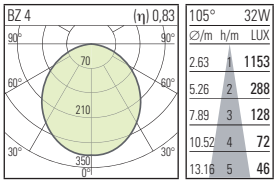



## 3500 lm [HQ]

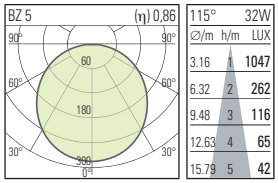
### DCØLØ / FCØLØ ⟷




### DCØLØ / FCØLØ ↑

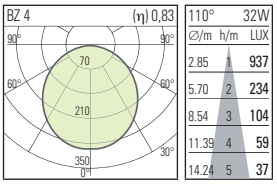



### DCØLØ / FCØLØ ↓

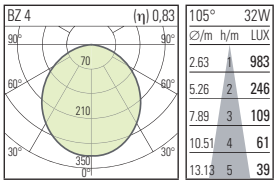



## 4012 lm [WW]

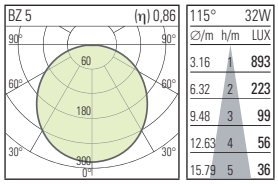
### DCØLØ / FCØLØ ⟷




### DCØLØ / FCØLØ ↑

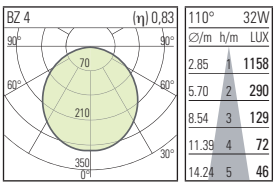



### DCØLØ / FCØLØ ↓

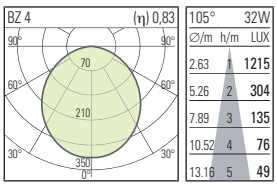



## 4105 lm [NN]

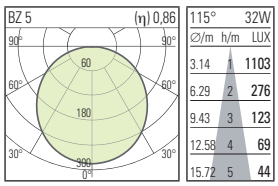
### DCØLØ / FCØLØ ⟷




### DCØLØ / FCØLØ ↑




### DCØLØ / FCØLØ ↓



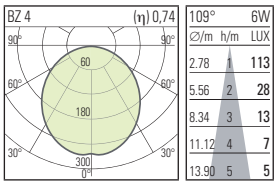
The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

6 W

LED

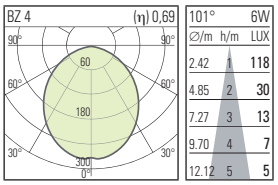
## 450 lm [HW]

### GCØBØ / HCØBØ ⟷



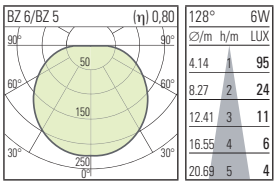

| 109° | 6W |
|---|---|
| ∅/m | h/m | LUX |
| 2.78 | 1 | 113 |
| 5.56 | 2 | 28 |
| 8.34 | 3 | 13 |
| 11.12 | 4 | 7 |
| 13.90 | 5 | 5 |

### GCØBØ / HCØBØ ↑




| 101° | 6W |
|---|---|
| ∅/m | h/m | LUX |
| 2.42 | 1 | 118 |
| 4.85 | 2 | 30 |
| 7.27 | 3 | 13 |
| 9.70 | 4 | 7 |
| 12.12 | 5 | 5 |

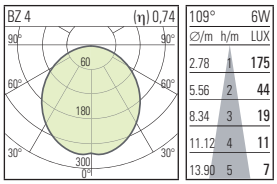
### GCØBØ / HCØBØ ↓




| 128° | 6W |
|---|---|
| ∅/m | h/m | LUX |
| 4.14 | 1 | 95 |
| 8.27 | 2 | 24 |
| 12.41 | 3 | 11 |
| 16.55 | 4 | 6 |
| 20.69 | 5 | 4 |

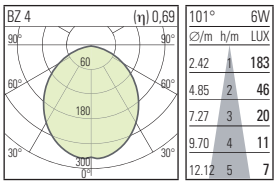
## 570 lm [HQ]

### GCØBØ / HCØBØ ⟷



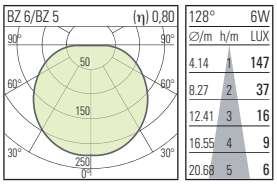

| 109° | 6W |
|---|---|
| ∅/m | h/m | LUX |
| 2.78 | 1 | 175 |
| 5.56 | 2 | 44 |
| 8.34 | 3 | 19 |
| 11.12 | 4 | 11 |
| 13.90 | 5 | 7 |

### GCØBØ / HCØBØ ↑




| 101° | 6W |
|---|---|
| ∅/m | h/m | LUX |
| 2.42 | 1 | 183 |
| 4.85 | 2 | 46 |
| 7.27 | 3 | 20 |
| 9.70 | 4 | 11 |
| 12.12 | 5 | 7 |

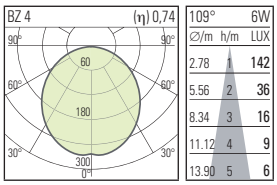
### GCØBØ / HCØBØ ↓




| 128° | 6W |
|---|---|
| ∅/m | h/m | LUX |
| 4.14 | 1 | 147 |
| 8.27 | 2 | 37 |
| 12.41 | 3 | 16 |
| 16.55 | 4 | 9 |
| 20.68 | 5 | 6 |

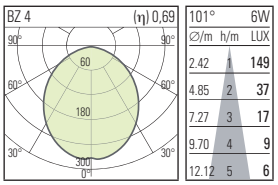
## 650 lm [WW]

### GCØBØ / HCØBØ ⟷



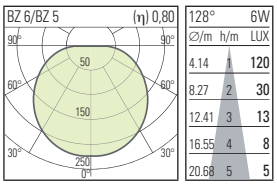

| 109° | 6W |
|---|---|
| ∅/m | h/m | LUX |
| 2.78 | 1 | 142 |
| 5.56 | 2 | 36 |
| 8.34 | 3 | 16 |
| 11.12 | 4 | 9 |
| 13.90 | 5 | 6 |

### GCØBØ / HCØBØ ↑




| 101° | 6W |
|---|---|
| ∅/m | h/m | LUX |
| 2.42 | 1 | 149 |
| 4.85 | 2 | 37 |
| 7.27 | 3 | 17 |
| 9.70 | 4 | 9 |
| 12.12 | 5 | 6 |

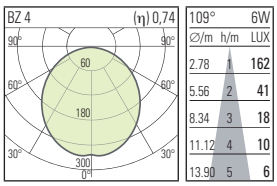
### GCØBØ / HCØBØ ↓




| 128° | 6W |
|---|---|
| ∅/m | h/m | LUX |
| 4.14 | 1 | 120 |
| 8.27 | 2 | 30 |
| 12.41 | 3 | 13 |
| 16.55 | 4 | 8 |
| 20.68 | 5 | 5 |

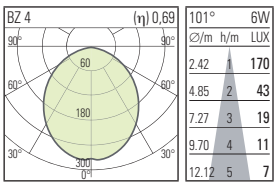
## 700 lm [NN]

### GCØBØ / HCØBØ ⟷



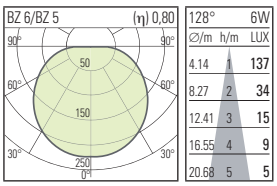

| 109° | 6W |
|---|---|
| ∅/m | h/m | LUX |
| 2.78 | 1 | 162 |
| 5.56 | 2 | 41 |
| 8.34 | 3 | 18 |
| 11.12 | 4 | 10 |
| 13.90 | 5 | 6 |

### GCØBØ / HCØBØ ↑




| 101° | 6W |
|---|---|
| ∅/m | h/m | LUX |
| 2.42 | 1 | 170 |
| 4.85 | 2 | 43 |
| 7.27 | 3 | 19 |
| 9.70 | 4 | 11 |
| 12.12 | 5 | 7 |

### GCØBØ / HCØBØ ↓




| 128° | 6W |
|---|---|
| ∅/m | h/m | LUX |
| 4.14 | 1 | 137 |
| 8.27 | 2 | 34 |
| 12.41 | 3 | 15 |
| 16.55 | 4 | 9 |
| 20.68 | 5 | 5 |

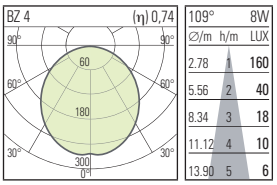
The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

**8 W**

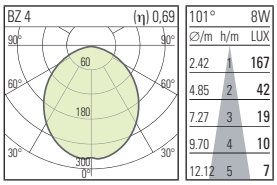
**LED**

## 637 lm [HW]

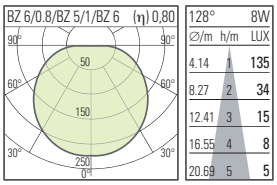
**GCØCØ / HCØCØ ⟷**




**GCØCØ / HCØCØ ↑**

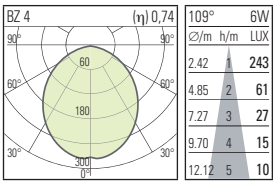



**GCØCØ / HCØCØ ↓**

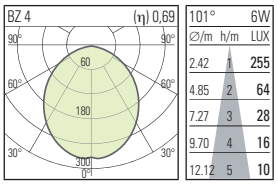



## 765 lm [HQ]

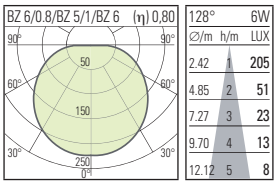
**GCØCØ / HCØCØ ⟷**




**GCØCØ / HCØCØ ↑**

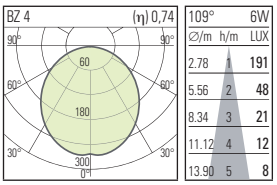



**GCØCØ / HCØCØ ↓**

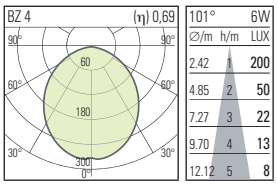



## 880 lm [WW]

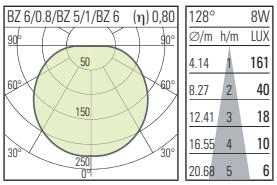
**GCØCØ / HCØCØ ⟷**




**GCØCØ / HCØCØ ↑**

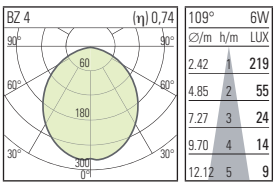



**GCØCØ / HCØCØ ↓**

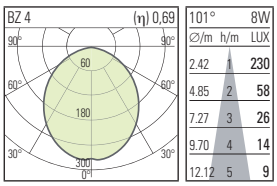



## 975 lm [NN]

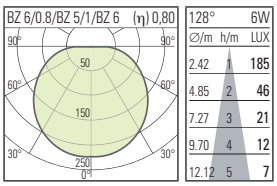
**GCØCØ / HCØCØ ⟷**




**GCØCØ / HCØCØ ↑**




**GCØCØ / HCØCØ ↓**



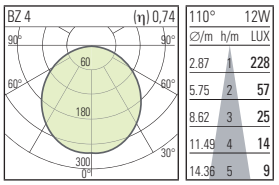
The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

12 W

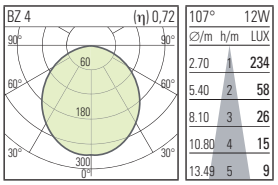
LED

## 971 lm [HW]

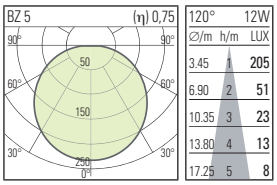
### GCØEØ / HCØEØ ⟷




### GCØEØ / HCØEØ ↑

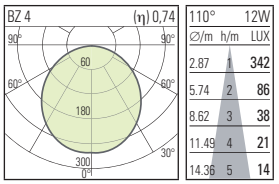



### GCØEØ / HCØEØ ↓

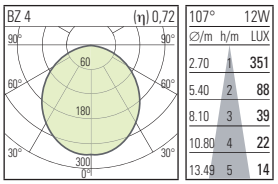



## 1155 lm [HQ]

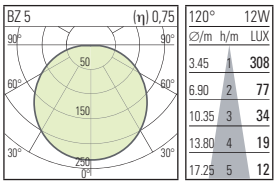
### GCØEØ / HCØEØ ⟷




### GCØEØ / HCØEØ ↑

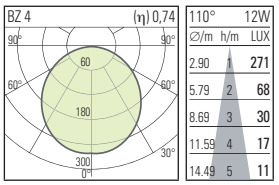



### GCØEØ / HCØEØ ↓

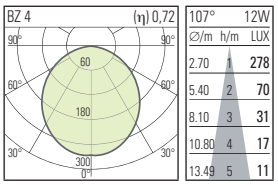



## 1320 lm [WW]

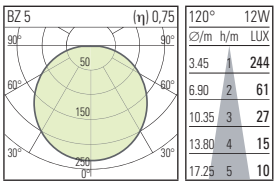
### GCØEØ / HCØEØ ⟷




### GCØEØ / HCØEØ ↑

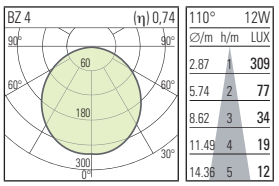



### GCØEØ / HCØEØ ↓

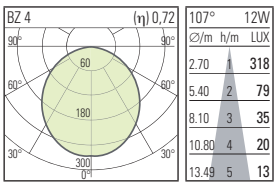



## 1460 lm [NN]

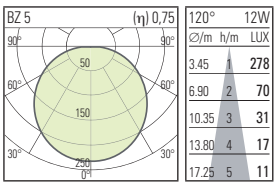
### GCØEØ / HCØEØ ⟷




### GCØEØ / HCØEØ ↑




### GCØEØ / HCØEØ ↓



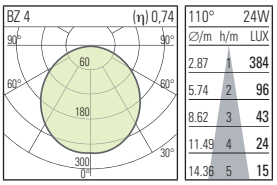
The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

**24 W**

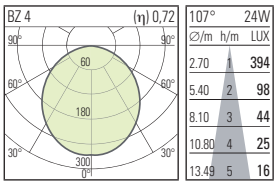
**LED**

## 1637 lm [HW]

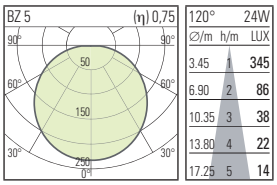
**GCØEØ / HCØEØ ⟷**




**GCØEØ / HCØEØ ↑**

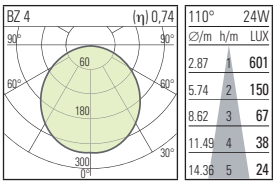



**GCØEØ / HCØEØ ↓**

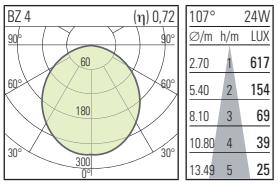



## 2030 lm [HQ]

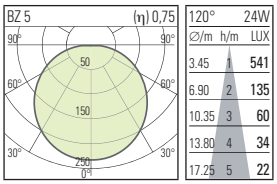
**GCØEØ / HCØEØ ⟷**




**GCØEØ / HCØEØ ↑**

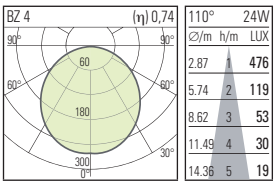



**GCØEØ / HCØEØ ↓**

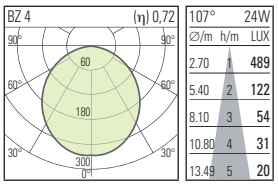



## 2470 lm [WW]

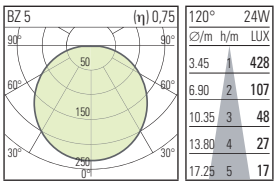
**GCØEØ / HCØEØ ⟷**




**GCØEØ / HCØEØ ↑**

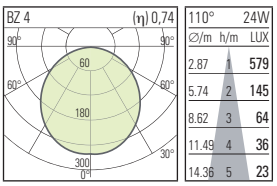



**GCØEØ / HCØEØ ↓**

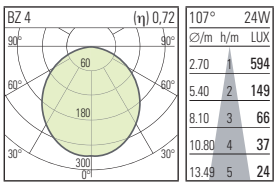



## 2565 lm [NN]

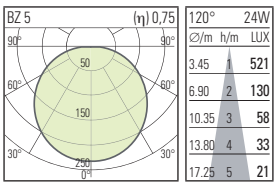
**GCØEØ / HCØEØ ⟷**




**GCØEØ / HCØEØ ↑**




**GCØEØ / HCØEØ ↓**



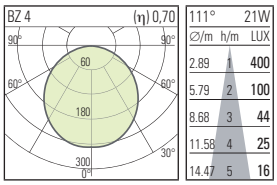
An assembly of LEDs on a printed square or rectangular circuit board, with optical elements and thermal and mechanical interfaces.

21 W

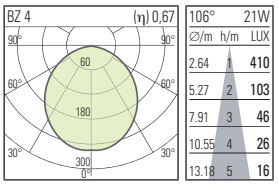
LED

## 1789 lm [HW]

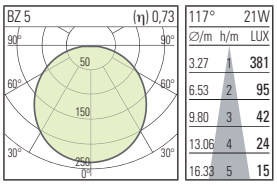
### GCØBØ / HCØBØ ⟷




### GCØBØ / HCØBØ ↑

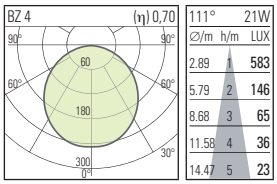



### GCØBØ / HCØBØ ↓

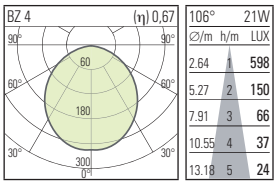



## 2150 lm [HQ]

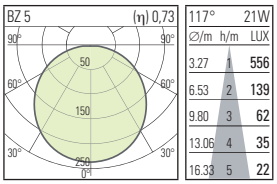
### GCØBØ / HCØBØ ⟷




### GCØBØ / HCØBØ ↑

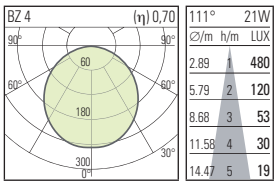



### GCØBØ / HCØBØ ↓

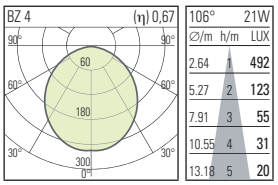



## 2436 lm [WW]

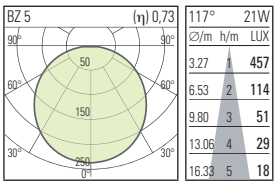
### GCØBØ / HCØBØ ⟷




### GCØBØ / HCØBØ ↑

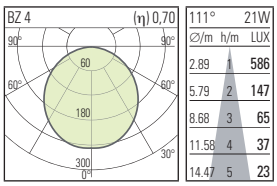



### GCØBØ / HCØBØ ↓

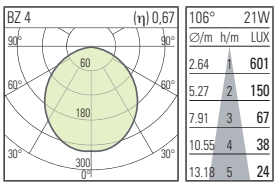



## 2613 lm [NN]

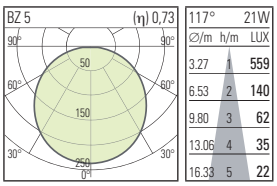
### GCØBØ / HCØBØ ⟷




### GCØBØ / HCØBØ ↑




### GCØBØ / HCØBØ ↓



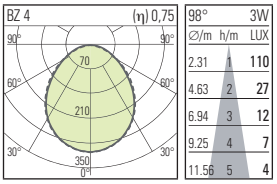
An assembly of LEDs on a stamped linear circuit board with optical elements and thermal and mechanical interfaces.

3 W

LED

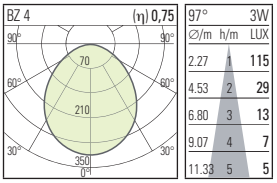
355 lm [HW]

Ø.31700



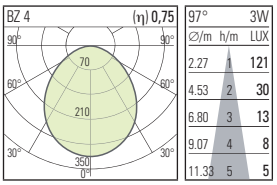

370 lm [WW]

Ø.31700




390 lm [NN]

Ø.31700

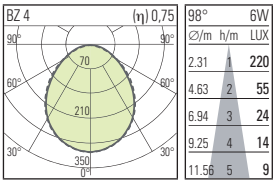



6 W

LED

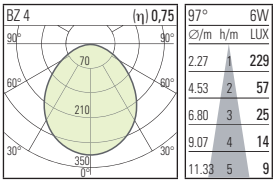
710 lm [HW]

Ø.31701



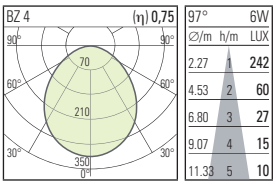

740 lm [WW]

Ø.31701




780 lm [NN]

Ø.31701

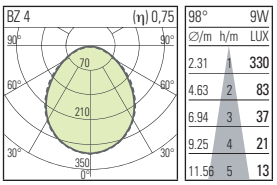



9 W

LED

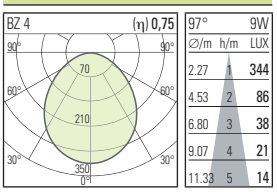
1066 lm [HW]

Ø.31702



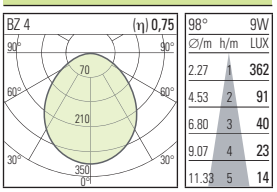

1110 lm [WW]

Ø.31702




1170 lm [NN]

Ø.31702

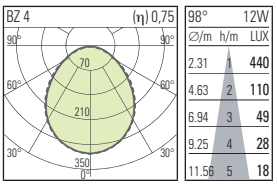



12 W

LED

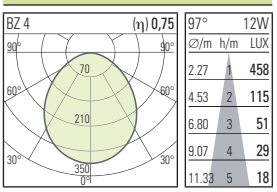
1421 lm [HW]

Ø.31703



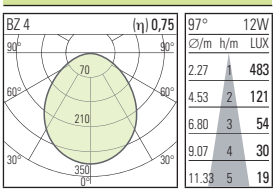

1480 lm [WW]

Ø.31703




1560 lm [NN]

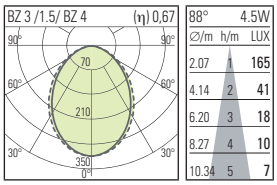
Ø.31703



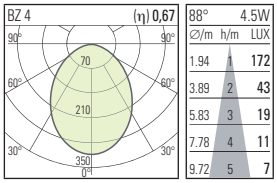
An assembly of LEDs on a stamped linear circuit board with optical elements and thermal and mechanical interfaces.

4,5 W
LED

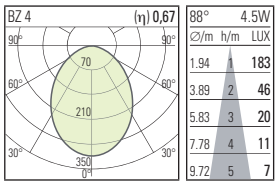
528 lm [HW]
Ø.31721




550 lm [WW]
Ø.31721

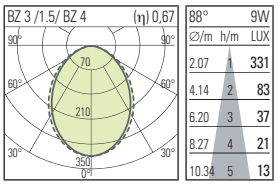



585 lm [NN]
Ø.31721

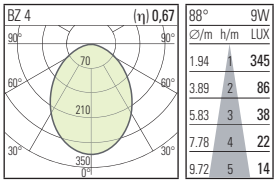



9 W
LED

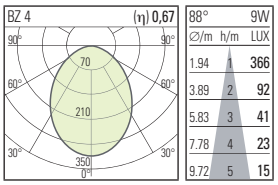
1056 lm [HW]
Ø.31725




1100 lm [WW]
Ø.31725

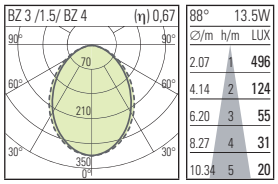



1170 lm [NN]
Ø.31725

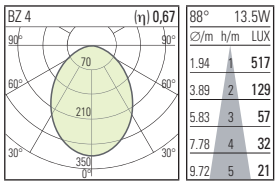



13,5 W
LED

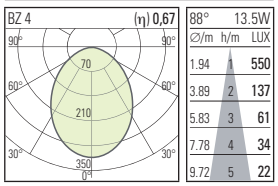
1584 lm [HW]
Ø.31726




1650 lm [WW]
Ø.31726



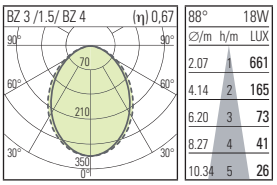

1755 lm [NN]
Ø.31726



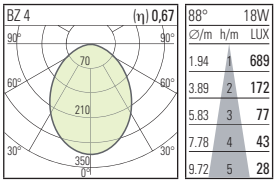
An assembly of LEDs on a stamped linear circuit board with optical elements and thermal and mechanical interfaces.

18 W
LED

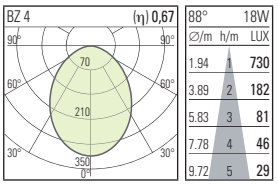
**2112 lm [HW]**
**Ø.31727**




**2200 lm [WW]**
**Ø.31727**

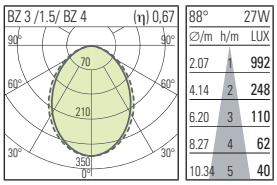



**2330 lm [NN]**
**Ø.31727**

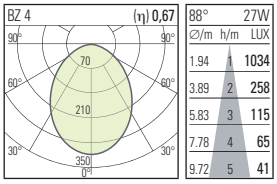



27 W
LED

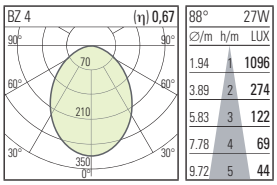
**3168 lm [HW]**
**Ø.31728**




**3300 lm [WW]**
**Ø.31728**

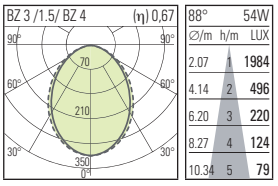



**3500 lm [NN]**
**Ø.31728**

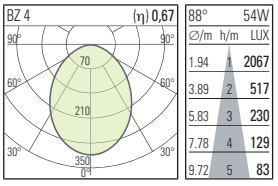



54 W
LED

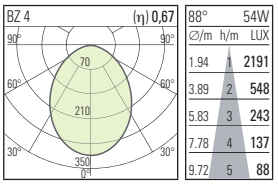
**6336 lm [HW]**
**Ø.31729**




**6600 lm [WW]**
**Ø.31729**




**6995 lm [NN]**
**Ø.31729**



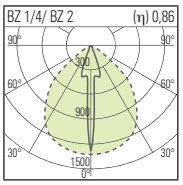
An assembly of LEDs on a stamped linear circuit board with optical elements and thermal and mechanical interfaces.

**4,5 W**

**LED**

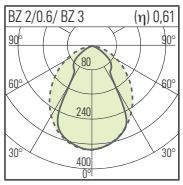
## 528 lm [HW]

### Ø.31761



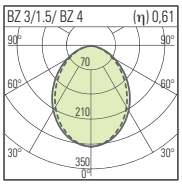

| 92° 4.5W | | | 7° 4.5W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 2.09 | 1 | 656 | 0.13 | 1 | 656 |
| 4.18 | 2 | 164 | 0.26 | 2 | 164 |
| 6.26 | 3 | 73 | 0.39 | 3 | 73 |
| 8.35 | 4 | 41 | 0.53 | 4 | 41 |
| 10.44 | 5 | 26 | 0.66 | 5 | 26 |

### Ø.31751




| 59° 4,5W | | | 95° 4,5W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 1.13 | 1 | 182 | 2.19 | 1 | 182 |
| 2.26 | 2 | 46 | 4.38 | 2 | 46 |
| 3.39 | 3 | 20 | 6.57 | 3 | 20 |
| 4.52 | 4 | 11 | 8.76 | 4 | 11 |
| 5.66 | 5 | 7 | 10.95 | 5 | 7 |

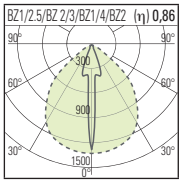
### Ø.31741




| 92° 4.5W | | | |
|---|---|---|---|
| ∅/m | h/m | LUX | |
| 2.07 | 1 | 152 | |
| 4.14 | 2 | 38 | |
| 6.20 | 3 | 17 | |
| 8.27 | 4 | 10 | |
| 10.34 | 5 | 6 | |

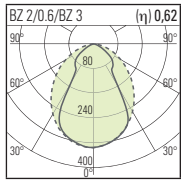
## 550 lm [WW]

### Ø.31761



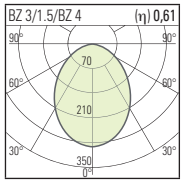

| 92° 4,5W | | | 7° 4,5W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 2.09 | 1 | 694 | 0.13 | 1 | 694 |
| 4.18 | 2 | 174 | 0.26 | 2 | 174 |
| 6.26 | 3 | 77 | 0.38 | 3 | 77 |
| 8.35 | 4 | 43 | 0.51 | 4 | 43 |
| 10.44 | 5 | 28 | 0.64 | 5 | 28 |

### Ø.31751




| 95° 4,5W | | | 56° 4,5W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 2.18 | 1 | 190 | 1.13 | 1 | 190 |
| 4.36 | 2 | 48 | 2.26 | 2 | 48 |
| 6.54 | 3 | 21 | 3.39 | 3 | 21 |
| 8.72 | 4 | 12 | 4.52 | 4 | 12 |
| 10.90 | 5 | 8 | 5.65 | 5 | 8 |

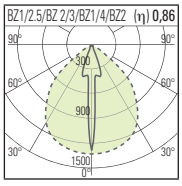
### Ø.31741




| 88° 4,5W | | | |
|---|---|---|---|
| ∅/m | h/m | LUX | |
| 1.94 | 1 | 158 | |
| 3.89 | 2 | 40 | |
| 5.83 | 3 | 18 | |
| 7.78 | 4 | 10 | |
| 9.72 | 5 | 6 | |

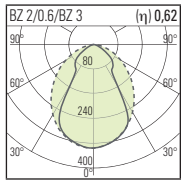
## 585 lm [NN]

### Ø.31761



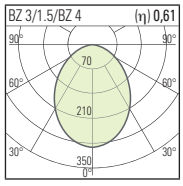

| 92° 4,5W | | | 7° 4,5W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 2.09 | 1 | 739 | 0.13 | 1 | 739 |
| 4.18 | 2 | 185 | 0.26 | 2 | 185 |
| 6.26 | 3 | 82 | 0.38 | 3 | 82 |
| 8.35 | 4 | 46 | 0.51 | 4 | 46 |
| 10.44 | 5 | 30 | 0.64 | 5 | 30 |

### Ø.31751




| 95° 4,5W | | | 56° 4,5W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 2.18 | 1 | 202 | 1.13 | 1 | 202 |
| 4.36 | 2 | 51 | 2.26 | 2 | 51 |
| 6.54 | 3 | 22 | 3.39 | 3 | 22 |
| 8.72 | 4 | 13 | 4.52 | 4 | 13 |
| 10.90 | 5 | 8 | 5.65 | 5 | 8 |

### Ø.31741



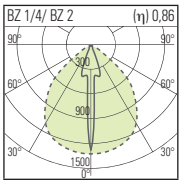

| 88° 4,5W | | | |
|---|---|---|---|
| ∅/m | h/m | LUX | |
| 1.94 | 1 | 168 | |
| 3.89 | 2 | 42 | |
| 5.83 | 3 | 19 | |
| 7.78 | 4 | 11 | |
| 9.72 | 5 | 7 | |

**9 W**

**LED**

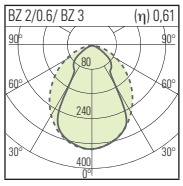
## 1056 lm [HW]

### Ø.31765



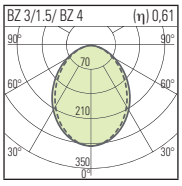

| 92° 9W | | | 7° 9W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 2.09 | 1 | 1311 | 0.13 | 1 | 1311 |
| 4.18 | 2 | 328 | 0.26 | 2 | 328 |
| 6.26 | 3 | 146 | 0.39 | 3 | 146 |
| 8.35 | 4 | 82 | 0.53 | 4 | 82 |
| 10.44 | 5 | 52 | 0.66 | 5 | 52 |

### Ø.31755




| 59° 9W | | | 95° 9W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 1.13 | 1 | 364 | 2.19 | 1 | 364 |
| 2.26 | 2 | 91 | 4.38 | 2 | 91 |
| 3.39 | 3 | 40 | 6.57 | 3 | 40 |
| 4.52 | 4 | 23 | 8.76 | 4 | 23 |
| 5.66 | 5 | 15 | 10.95 | 5 | 15 |

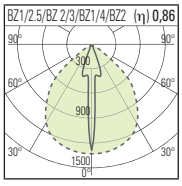
### Ø.31745




| 92° 4.5W | | | |
|---|---|---|---|
| ∅/m | h/m | LUX | |
| 2.07 | 1 | 304 | |
| 4.14 | 2 | 76 | |
| 6.20 | 3 | 34 | |
| 8.27 | 4 | 19 | |
| 10.34 | 5 | 12 | |

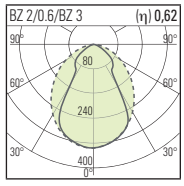
## 1100 lm [WW]

### Ø.31765



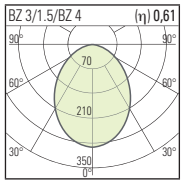

| 92° 9W | | | 7° 9W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 2.09 | 1 | 1389 | 0.13 | 1 | 1389 |
| 4.18 | 2 | 347 | 0.26 | 2 | 347 |
| 6.26 | 3 | 154 | 0.38 | 3 | 154 |
| 8.35 | 4 | 87 | 0.51 | 4 | 87 |
| 10.44 | 5 | 56 | 0.64 | 5 | 56 |

### Ø.31755




| 95° 9W | | | 59° 9W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 2.18 | 1 | 380 | 1.13 | 1 | 380 |
| 4.36 | 2 | 95 | 2.26 | 2 | 95 |
| 6.54 | 3 | 42 | 3.39 | 3 | 42 |
| 8.72 | 4 | 24 | 4.52 | 4 | 24 |
| 10.90 | 5 | 15 | 5.65 | 5 | 15 |

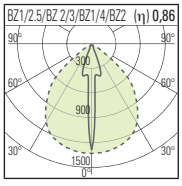
### Ø.31745




| 88° 9W | | | |
|---|---|---|---|
| ∅/m | h/m | LUX | |
| 1.94 | 1 | 317 | |
| 3.89 | 2 | 79 | |
| 5.83 | 3 | 35 | |
| 7.78 | 4 | 20 | |
| 9.72 | 5 | 13 | |

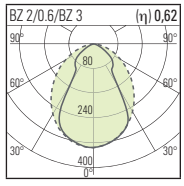
## 1170 lm [NN]

### Ø.31765



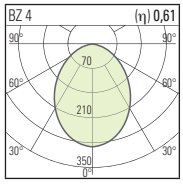

| 92° 9W | | | 7° 9W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 2.09 | 1 | 1477 | 0.13 | 1 | 1477 |
| 4.18 | 2 | 369 | 0.26 | 2 | 369 |
| 6.26 | 3 | 164 | 0.38 | 3 | 164 |
| 8.35 | 4 | 92 | 0.51 | 4 | 92 |
| 10.44 | 5 | 59 | 0.64 | 5 | 59 |

### Ø.31755




| 95° 9W | | | 59° 9W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 2.18 | 1 | 405 | 1.13 | 1 | 405 |
| 4.36 | 2 | 101 | 2.26 | 2 | 101 |
| 6.54 | 3 | 45 | 3.39 | 3 | 45 |
| 8.72 | 4 | 25 | 4.52 | 4 | 25 |
| 10.90 | 5 | 16 | 5.65 | 5 | 16 |

### Ø.31745




| 88° 9W | | | |
|---|---|---|---|
| ∅/m | h/m | LUX | |
| 1.94 | 1 | 337 | |
| 3.89 | 2 | 84 | |
| 5.83 | 3 | 37 | |
| 7.78 | 4 | 21 | |
| 9.72 | 5 | 13 | |

An assembly of LEDs on a stamped linear circuit board with optical elements and thermal and mechanical interfaces.

13,5 W

LED

## 1584 lm [HW]

### Ø.31766

BZ 1/4/ BZ 2 (η) 0,86

| 92° 13.5W | | | 92° 13.5W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 0.13 | 1 | 1967 | 2.09 | 1 | 1967 |
| 0.26 | 2 | 462 | 4.18 | 2 | 492 |
| 0.39 | 3 | 219 | 6.26 | 3 | 219 |
| 0.53 | 4 | 123 | 8.35 | 4 | 123 |
| 0.66 | 5 | 79 | 10.44 | 5 | 79 |

### Ø.31756

BZ 2/0.6/ BZ 3 (η) 0,61

| 59° 13.5W | | | 95° 13.5W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 1.13 | 1 | 546 | 2.19 | 1 | 546 |
| 2.26 | 2 | 137 | 4.38 | 2 | 137 |
| 3.39 | 3 | 61 | 6.57 | 3 | 61 |
| 4.52 | 4 | 34 | 8.76 | 4 | 34 |
| 5.66 | 5 | 22 | 10.95 | 5 | 22 |

### Ø.31746

BZ 3/1.5/ BZ 4 (η) 0,61

| 92° 13.5W | | | |
|---|---|---|---|
| ∅/m | h/m | LUX | |
| 2.07 | 1 | 456 | |
| 4.14 | 2 | 114 | |
| 6.20 | 3 | 51 | |
| 8.27 | 4 | 29 | |
| 10.34 | 5 | 18 | |

## 1650 lm [WW]

### Ø.31766

BZ1/2.5/BZ 2/3/BZ1/4/BZ2 (η) 0,86

| 92° 13.5W | | | 7° 13.5W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 2.09 | 1 | 2083 | 0.13 | 1 | 2083 |
| 4.18 | 2 | 521 | 0.26 | 2 | 521 |
| 6.26 | 3 | 231 | 0.38 | 3 | 231 |
| 8.35 | 4 | 130 | 0.51 | 4 | 130 |
| 10.44 | 5 | 83 | 0.64 | 5 | 83 |

### Ø.31756

BZ 2/0.6/BZ 3 (η) 0,62

| 95° 13.5W | | | 59° 13.5W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 2.18 | 1 | 571 | 1.13 | 1 | 571 |
| 4.36 | 2 | 143 | 2.26 | 2 | 143 |
| 6.54 | 3 | 63 | 3.39 | 3 | 63 |
| 8.72 | 4 | 36 | 4.52 | 4 | 36 |
| 10.90 | 5 | 23 | 5.65 | 5 | 23 |

### Ø.31746

BZ 3/1.5/BZ 4 (η) 0,61

| 88° 13.5W | | | |
|---|---|---|---|
| ∅/m | h/m | LUX | |
| 1.94 | 1 | 475 | |
| 3.89 | 2 | 119 | |
| 5.83 | 3 | 53 | |
| 7.78 | 4 | 30 | |
| 9.72 | 5 | 19 | |

## 1755 lm [NN]

### Ø.31766

BZ1/2.5/BZ 2/3/BZ1/4/BZ2 (η) 0,86

| 92° 13.5W | | | 7° 13.5W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 2.09 | 1 | 2216 | 0.13 | 1 | 2216 |
| 4.18 | 2 | 554 | 0.26 | 2 | 554 |
| 6.26 | 3 | 246 | 0.38 | 3 | 246 |
| 8.35 | 4 | 138 | 0.51 | 4 | 138 |
| 10.44 | 5 | 89 | 0.64 | 5 | 89 |

### Ø.31756

BZ 2/0.6/BZ 3 (η) 0,62

| 95° 13.5W | | | 59° 13.5W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 2.18 | 1 | 607 | 1.13 | 1 | 607 |
| 4.36 | 2 | 152 | 2.26 | 2 | 152 |
| 6.54 | 3 | 67 | 3.39 | 3 | 67 |
| 8.72 | 4 | 38 | 4.52 | 4 | 38 |
| 10.90 | 5 | 24 | 5.65 | 5 | 24 |

### Ø.31746

BZ 3/1.5/BZ 4 (η) 0,61

| 88° 13.5W | | | |
|---|---|---|---|
| ∅/m | h/m | LUX | |
| 1.94 | 1 | 505 | |
| 3.89 | 2 | 126 | |
| 5.83 | 3 | 56 | |
| 7.78 | 4 | 32 | |
| 9.72 | 5 | 20 | |

18 W

LED

## 2112 lm [HW]

### Ø.31767

BZ 1/4/ BZ 2 (η) 0,86

| 92° 18W | | | 92° 18W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 0.13 | 1 | 2622 | 2.09 | 1 | 2622 |
| 0.26 | 2 | 656 | 4.18 | 2 | 656 |
| 0.39 | 3 | 291 | 6.26 | 3 | 291 |
| 0.53 | 4 | 164 | 8.35 | 4 | 164 |
| 0.66 | 5 | 105 | 10.44 | 5 | 105 |

### Ø.31757

BZ 2/0.6/ BZ 3 (η) 0,61

| 59° 18W | | | 95° 18W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 1.13 | 1 | 728 | 2.1 | 1 | 728 |
| 2.26 | 2 | 182 | 4.38 | 2 | 182 |
| 3.39 | 3 | 81 | 6.57 | 3 | 81 |
| 4.52 | 4 | 46 | 8.76 | 4 | 46 |
| 5.66 | 5 | 29 | 10.95 | 5 | 29 |

### Ø.31747

BZ 3/1.5/ BZ 4 (η) 0,61

| 92° 4.5W | | | |
|---|---|---|---|
| ∅/m | h/m | LUX | |
| 2.07 | 1 | 608 | |
| 4.14 | 2 | 152 | |
| 6.20 | 3 | 68 | |
| 8.27 | 4 | 38 | |
| 10.34 | 5 | 24 | |

## 2200 lm [WW]

### Ø.31767

BZ1/2.5/BZ 2/3/BZ1/4/BZ2 (η) 0,86

| 92° 18W | | | 7° 18W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 2.09 | 1 | 2778 | 0.13 | 1 | 2778 |
| 4.18 | 2 | 694 | 0.26 | 2 | 694 |
| 6.26 | 3 | 309 | 0.38 | 3 | 309 |
| 8.35 | 4 | 174 | 0.51 | 4 | 174 |
| 10.44 | 5 | 111 | 0.64 | 5 | 111 |

### Ø.31757

BZ 2/0.6/BZ 3 (η) 0,62

| 95° 18W | | | 59° 18W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 2.18 | 1 | 761 | 1.13 | 1 | 761 |
| 4.36 | 2 | 190 | 2.26 | 2 | 19 |
| 6.54 | 3 | 85 | 3.39 | 3 | 85 |
| 8.72 | 4 | 48 | 4.52 | 4 | 48 |
| 10.90 | 5 | 30 | 5.65 | 5 | 30 |

### Ø.31747

BZ 3/1.5/BZ 4 (η) 0,61

| 88° 18W | | | |
|---|---|---|---|
| ∅/m | h/m | LUX | |
| 1.94 | 1 | 633 | |
| 3.89 | 2 | 158 | |
| 5.83 | 3 | 70 | |
| 7.78 | 4 | 40 | |
| 9.72 | 5 | 25 | |

## 2330 lm [NN]

### Ø.31767

BZ1/2.5/BZ 2/3/BZ1/4/BZ2 (η) 0,86

| 92° 18W | | | 7° 18W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 2.09 | 1 | 2942 | 0.13 | 1 | 2942 |
| 4.18 | 2 | 735 | 0.26 | 2 | 735 |
| 6.26 | 3 | 327 | 0.38 | 3 | 327 |
| 8.35 | 4 | 184 | 0.51 | 4 | 184 |
| 10.44 | 5 | 118 | 0.64 | 5 | 118 |

### Ø.31757

BZ 2/0.6/BZ 3 (η) 0,62

| 95° 18W | | | 59° 18W | | |
|---|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 2.18 | 1 | 806 | 1.13 | 1 | 806 |
| 4.36 | 2 | 201 | 2.26 | 2 | 201 |
| 6.54 | 3 | 90 | 3.39 | 3 | 90 |
| 8.72 | 4 | 50 | 4.52 | 4 | 50 |
| 10.90 | 5 | 32 | 5.65 | 5 | 32 |

### Ø.31747

BZ 3/1.5/BZ 4 (η) 0,61

| 88° 18W | | | |
|---|---|---|---|
| ∅/m | h/m | LUX | |
| 1.94 | 1 | 671 | |
| 3.89 | 2 | 168 | |
| 5.83 | 3 | 75 | |
| 7.78 | 4 | 42 | |
| 9.72 | 5 | 27 | |

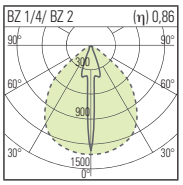
An assembly of LEDs on a stamped linear circuit board with optical elements and thermal and mechanical interfaces.

**27 W**

**LED**

### 3168 lm [HW]

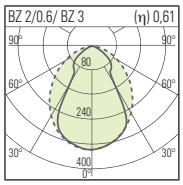
**Ø.31768**




| 92° | 27W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 0.13 | 1 | | 3933 |
| 0.26 | 2 | | 983 |
| 0.39 | 3 | | 437 |
| 0.53 | 4 | | 246 |
| 0.66 | 5 | | 157 |

| 92° | 27W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 2.09 | 1 | | 3933 |
| 4.18 | 2 | | 983 |
| 6.26 | 3 | | 437 |
| 8.35 | 4 | | 246 |
| 10.44 | 5 | | 157 |

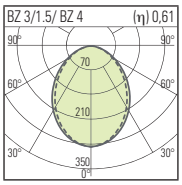
**Ø.31758**




| 59° | 27W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 1.13 | 1 | | 1093 |
| 2.26 | 2 | | 273 |
| 3.39 | 3 | | 121 |
| 4.52 | 4 | | 68 |
| 5.66 | 5 | | 44 |

| 95° | 27W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 2.19 | 1 | | 1093 |
| 4.38 | 2 | | 273 |
| 6.57 | 3 | | 121 |
| 8.76 | 4 | | 68 |
| 10.95 | 5 | | 44 |

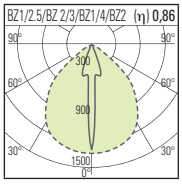
**Ø.31748**




| 92° | 27W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 2.07 | 1 | | 912 |
| 4.14 | 2 | | 228 |
| 6.20 | 3 | | 101 |
| 8.27 | 4 | | 57 |
| 10.34 | 5 | | 36 |

### 3300 lm [WW]

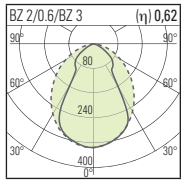
**Ø.31768**




| 92° | 27W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 2.09 | 1 | | 4166 |
| 4.18 | 2 | | 1042 |
| 6.26 | 3 | | 463 |
| 8.35 | 4 | | 260 |
| 10.44 | 5 | | 167 |

| 7° | 27W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 0.13 | 1 | | 4166 |
| 0.26 | 2 | | 1042 |
| 0.38 | 3 | | 463 |
| 0.51 | 4 | | 260 |
| 0.64 | 5 | | 167 |

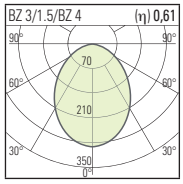
**Ø.31758**




| 95° | 27W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 2.18 | 1 | | 1141 |
| 4.36 | 2 | | 285 |
| 6.54 | 3 | | 127 |
| 8.72 | 4 | | 71 |
| 10.90 | 5 | | 46 |

| 59° | 27W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 1.13 | 1 | | 1141 |
| 2.26 | 2 | | 285 |
| 3.39 | 3 | | 127 |
| 4.52 | 4 | | 71 |
| 5.65 | 5 | | 46 |

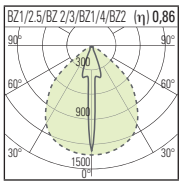
**Ø.31748**




| 88° | 27W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 1.94 | 1 | | 950 |
| 3.89 | 2 | | 237 |
| 5.83 | 3 | | 106 |
| 7.78 | 4 | | 59 |
| 9.72 | 5 | | 38 |

### 3500 lm [NN]

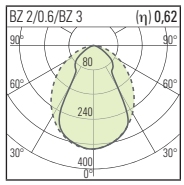
**Ø.31768**




| 92° | 27W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 2.09 | 1 | | 4419 |
| 4.18 | 2 | | 1105 |
| 6.26 | 3 | | 491 |
| 8.35 | 4 | | 276 |
| 10.44 | 5 | | 177 |

| 7° | 27W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 0.13 | 1 | | 4419 |
| 0.26 | 2 | | 1105 |
| 0.38 | 3 | | 491 |
| 0.51 | 4 | | 276 |
| 0.64 | 5 | | 177 |

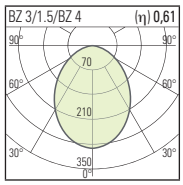
**Ø.31758**




| 95° | 27W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 2.18 | 1 | | 1210 |
| 4.36 | 2 | | 303 |
| 6.54 | 3 | | 134 |
| 8.72 | 4 | | 76 |
| 10.90 | 5 | | 48 |

| 59° | 27W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 1.13 | 1 | | 1210 |
| 2.26 | 2 | | 303 |
| 3.39 | 3 | | 134 |
| 4.52 | 4 | | 76 |
| 5.65 | 5 | | 48 |

**Ø.31748**



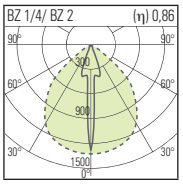

| 88° | 27W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 1.94 | 1 | | 1008 |
| 3.89 | 2 | | 252 |
| 5.83 | 3 | | 112 |
| 7.78 | 4 | | 63 |
| 9.72 | 5 | | 40 |

**54 W**

**LED**

### 6336 lm [HW]

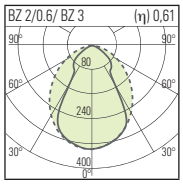
**Ø.31769**




| 92° | 54W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 2.09 | 1 | | 7867 |
| 4.18 | 2 | | 1967 |
| 6.26 | 3 | | 874 |
| 8.35 | 4 | | 492 |
| 10.44 | 5 | | 315 |

| 7° | 54W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 0.13 | 1 | | 7867 |
| 0.26 | 2 | | 1967 |
| 0.39 | 3 | | 874 |
| 0.53 | 4 | | 492 |
| 0.66 | 5 | | 315 |

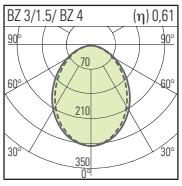
**Ø.31759**




| 95° | 54W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 2.19 | 1 | | 2185 |
| 4.38 | 2 | | 546 |
| 6.57 | 3 | | 243 |
| 8.76 | 4 | | 137 |
| 10.95 | 5 | | 87 |

| 59° | 54W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 1.13 | 1 | | 2185 |
| 2.26 | 2 | | 546 |
| 3.39 | 3 | | 243 |
| 4.52 | 4 | | 137 |
| 5.66 | 5 | | 87 |

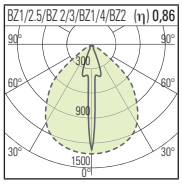
**Ø.31749**




| 88° | 4.5W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 2.07 | 1 | | 1824 |
| 4.14 | 2 | | 456 |
| 6.20 | 3 | | 203 |
| 8.27 | 4 | | 114 |
| 10.34 | 5 | | 73 |

### 6600 lm [WW]

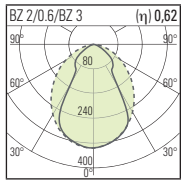
**Ø.31769**




| 92° | 54W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 2.09 | 1 | | 8333 |
| 4.18 | 2 | | 2083 |
| 6.26 | 3 | | 926 |
| 8.35 | 4 | | 521 |
| 10.44 | 5 | | 333 |

| 7° | 54W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 0.13 | 1 | | 8333 |
| 0.26 | 2 | | 2083 |
| 0.38 | 3 | | 926 |
| 0.51 | 4 | | 521 |
| 0.64 | 5 | | 333 |

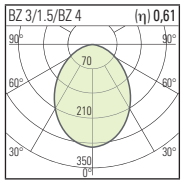
**Ø.31759**




| 95° | 54W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 2.18 | 1 | | 2283 |
| 4.36 | 2 | | 571 |
| 6.54 | 3 | | 254 |
| 8.72 | 4 | | 143 |
| 10.90 | 5 | | 91 |

| 59° | 54W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 1.13 | 1 | | 2283 |
| 2.26 | 2 | | 571 |
| 3.39 | 3 | | 254 |
| 4.52 | 4 | | 143 |
| 5.65 | 5 | | 91 |

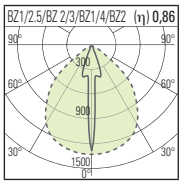
**Ø.31749**




| 88° | 54W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 1.94 | 1 | | 1900 |
| 3.89 | 2 | | 475 |
| 5.83 | 3 | | 211 |
| 7.78 | 4 | | 119 |
| 9.72 | 5 | | 76 |

### 6995 lm [NN]

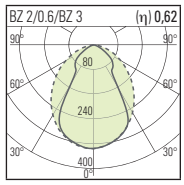
**Ø.31769**




| 92° | 54W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 2.09 | 1 | | 8832 |
| 4.18 | 2 | | 2208 |
| 6.26 | 3 | | 981 |
| 8.35 | 4 | | 552 |
| 10.44 | 5 | | 353 |

| 7° | 54W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 0.13 | 1 | | 8832 |
| 0.26 | 2 | | 2208 |
| 0.38 | 3 | | 981 |
| 0.51 | 4 | | 552 |
| 0.64 | 5 | | 353 |

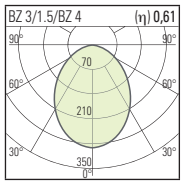
**Ø.31759**




| 95° | 54W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 2.18 | 1 | | 2419 |
| 4.36 | 2 | | 605 |
| 6.54 | 3 | | 269 |
| 8.72 | 4 | | 151 |
| 10.90 | 5 | | 97 |

| 59° | 54W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 1.13 | 1 | | 2419 |
| 2.26 | 2 | | 605 |
| 3.39 | 3 | | 269 |
| 4.52 | 4 | | 151 |
| 5.65 | 5 | | 97 |

**Ø.31749**



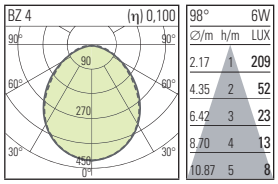

| 88° | 54W | | |
|---|---|---|---|
| ∅/m | h/m | | LUX |
| 1.94 | 1 | | 2014 |
| 3.89 | 2 | | 503 |
| 5.83 | 3 | | 224 |
| 7.78 | 4 | | 126 |
| 9.72 | 5 | | 81 |

An assembly of LEDs on a stamped linear circuit board with optical elements and thermal and mechanical interfaces.

## 6 W LED

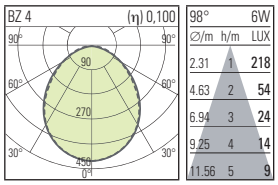
675 lm [HW]

Ø.31800



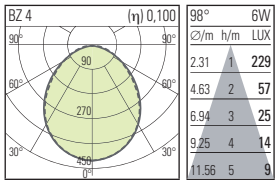

740 lm [WW]

Ø.31800




780 lm [NN]

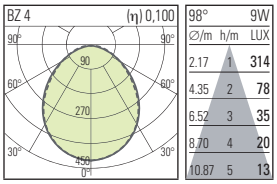
Ø.31800




## 9 W LED

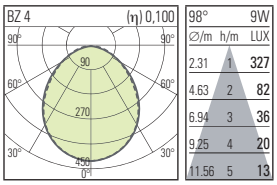
1066 lm [HW]

Ø.31801



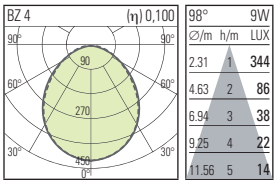

1110 lm [WW]

Ø.31801




1170 lm [NN]

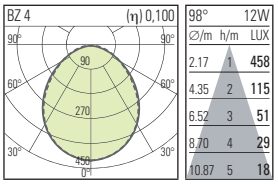
Ø.31801




## 12 W LED

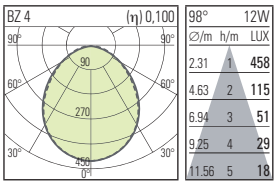
1421 lm [HW]

Ø.31802



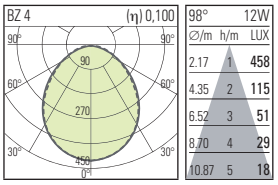

1480 lm [WW]

Ø.31802




1560 lm [NN]

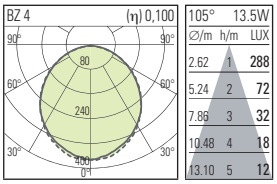
Ø.31802




## 13,5 W LED

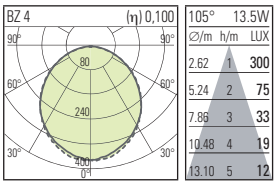
1584 lm [HW]

Ø.31500 / 0.39500



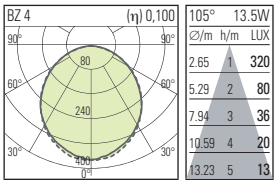

1650 lm [WW]

Ø.31500 / 0.39500




1755 lm [NN]

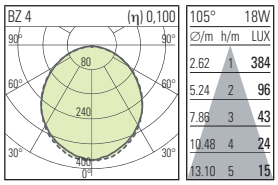
Ø.31500 / 0.39500




## 18 W LED

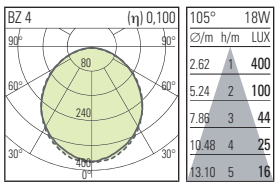
2112 lm [HW]

Ø.31510 / 0.39510



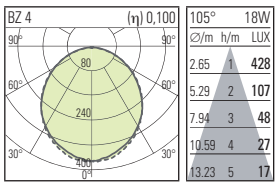

2200 lm [WW]

Ø.31510 / 0.39510




2330 lm [NN]

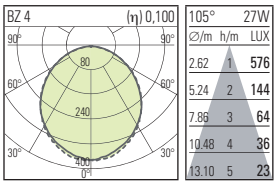
Ø.31510 / 0.39510




## 27 W LED

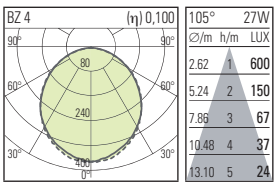
3168 lm [HW]

Ø.31520 / 0.39520



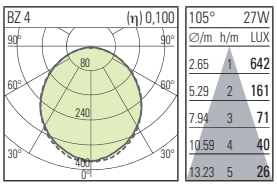

3300 lm [WW]

Ø.31520 / 0.39520




3500 lm [NN]

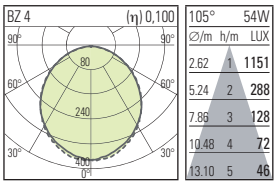
Ø.31520 / 0.39520




## 54 W LED

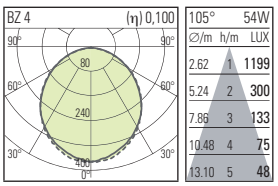
6336 lm [HW]

0.31535 / 0.39530



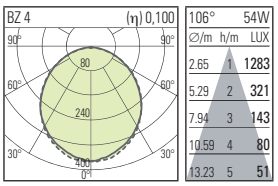

6600 lm [WW]

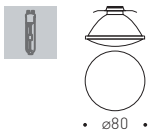
0.31535 / 0.39530




6995 lm [NN]

0.31535 / 0.39530



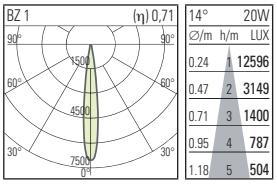



99.99% pure aluminium IOS reflector with Ø 80 mm, twist-lock fixing system and tempered safety glass (clear for narrow beams, microsphere for medium and wide beams, prismatic for the Wall Washer Mira version).
There are also versions with selective filters for lighting foodstuffs or coloured dichroic filters.

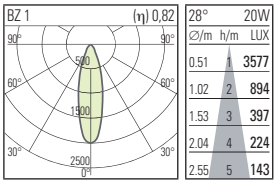
**20 W**
MH
IOS
MH1

**3000 K**

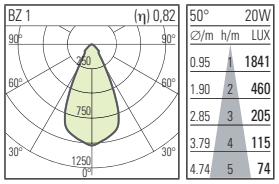
| Ø.231ØØ.ØØ | Ø.231Ø1.ØØ | Ø.231Ø2.ØØ | Ø.231Ø3.ØØ (Mira) |
|---|---|---|---|



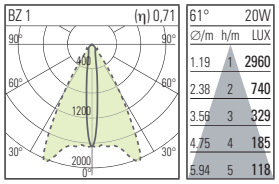

| 14° 20W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.24 | 1 | 12596 |
| 0.47 | 2 | 3149 |
| 0.71 | 3 | 1400 |
| 0.95 | 4 | 787 |
| 1.18 | 5 | 504 |




| 28° 20W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.51 | 1 | 3577 |
| 1.02 | 2 | 894 |
| 1.53 | 3 | 397 |
| 2.04 | 4 | 224 |
| 2.55 | 5 | 143 |




| 50° 20W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.95 | 1 | 1841 |
| 1.90 | 2 | 460 |
| 2.85 | 3 | 205 |
| 3.79 | 4 | 115 |
| 4.74 | 5 | 74 |



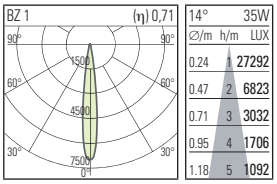

| 61° 20W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.19 | 1 | 2960 |
| 2.38 | 2 | 740 |
| 3.56 | 3 | 329 |
| 4.75 | 4 | 185 |
| 5.94 | 5 | 118 |

| 12° 20W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.22 | 1 | 2960 |
| 0.44 | 2 | 740 |
| 0.65 | 3 | 329 |
| 0.87 | 4 | 185 |
| 1.09 | 5 | 118 |

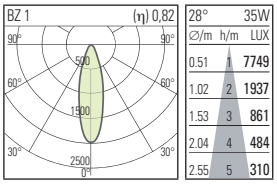
**35 W**
MH
IOS
MH1

**3000 K**

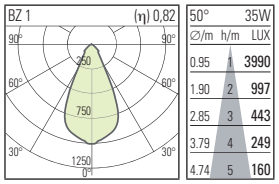
| Ø.231ØØ.ØØ | Ø.231Ø1.ØØ | Ø.231Ø2.ØØ | Ø.231Ø3.ØØ (Mira) |
|---|---|---|---|



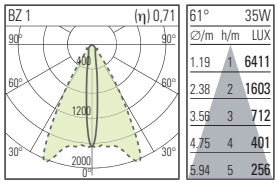

| 14° 35W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.24 | 1 | 27292 |
| 0.47 | 2 | 6823 |
| 0.71 | 3 | 3032 |
| 0.95 | 4 | 1706 |
| 1.18 | 5 | 1092 |




| 28° 35W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.51 | 1 | 7749 |
| 1.02 | 2 | 1937 |
| 1.53 | 3 | 861 |
| 2.04 | 4 | 484 |
| 2.55 | 5 | 310 |




| 50° 35W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.95 | 1 | 3990 |
| 1.90 | 2 | 997 |
| 2.85 | 3 | 443 |
| 3.79 | 4 | 249 |
| 4.74 | 5 | 160 |



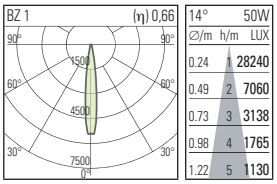

| 61° 35W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.19 | 1 | 6411 |
| 2.38 | 2 | 1603 |
| 3.56 | 3 | 712 |
| 4.75 | 4 | 401 |
| 5.94 | 5 | 256 |

| 12° 35W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.22 | 1 | 6411 |
| 0.44 | 2 | 1603 |
| 0.65 | 3 | 713 |
| 0.87 | 4 | 401 |
| 1.09 | 5 | 257 |

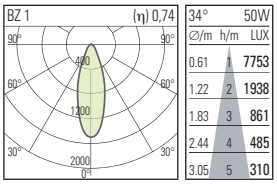
**50 W**
MH
IOS
MH1

**3000 K**

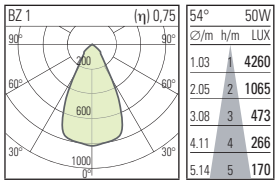
| Ø.231ØØ.ØØ | Ø.231Ø1.ØØ | Ø.231Ø2.ØØ | Ø.231Ø3.ØØ (Mira) |
|---|---|---|---|



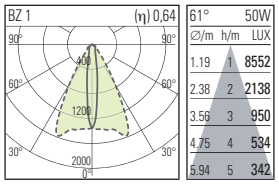

| 14° 50W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.24 | 1 | 28240 |
| 0.49 | 2 | 7060 |
| 0.73 | 3 | 3138 |
| 0.98 | 4 | 1765 |
| 1.22 | 5 | 1130 |




| 34° 50W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.61 | 1 | 7753 |
| 1.22 | 2 | 1938 |
| 1.83 | 3 | 861 |
| 2.44 | 4 | 485 |
| 3.05 | 5 | 310 |




| 54° 50W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.03 | 1 | 4260 |
| 2.05 | 2 | 1065 |
| 3.08 | 3 | 473 |
| 4.11 | 4 | 266 |
| 5.14 | 5 | 170 |




| 61° 50W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.19 | 1 | 8552 |
| 2.38 | 2 | 2138 |
| 3.56 | 3 | 950 |
| 4.75 | 4 | 534 |
| 5.94 | 5 | 342 |

| 12° 50W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.22 | 1 | 8552 |
| 0.44 | 2 | 2138 |
| 0.65 | 3 | 950 |
| 0.87 | 4 | 534 |
| 1.09 | 5 | 342 |




99.99% pure aluminium IOS reflector with Ø 80 mm, twist-lock fixing system and tempered safety glass (clear for narrow beams, microsphere for medium and wide beams, prismatic for the Wall Washer Mira version).
There are also versions with selective filters for lighting foodstuffs or coloured dichroic filters.

**20 W**
**MH IOS MH2**

3000 K

| Ø.11300.ØØ / Ø.13210.ØØ | | | | Ø.11301.ØØ / Ø.13211.ØØ | | | | Ø.11302.ØØ / Ø.13212.ØØ | | | | Ø.11303.ØØ | | (Mira) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BZ 1 | (η) 0,84 | | | BZ 1 | (η) 0,78 | | | BZ 1 | (η) 0,76 | | | BZ 1 / 1.5 / BZ 2 | (η) 0,78 | | |
| 14° | 20W | | | 34° | 20W | | | 56° | 20W | | | 00° | 20W | 00° | 20W |
| ∅/m | h/m | LUX | | ∅/m | h/m | LUX | | ∅/m | h/m | LUX | | ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 0.23 | 1 | 13142 | | 0.63 | 1 | 2997 | | 1.06 | 1 | 1259 | | 0.20 | 1 | 2152 | 1.65 | 1 | 2152 |
| 0.46 | 2 | 3285 | | 1.26 | 2 | 749 | | 2.11 | 2 | 315 | | 0.40 | 2 | 538 | 3.31 | 2 | 538 |
| 0.70 | 3 | 1460 | | 1.88 | 3 | 333 | | 3.17 | 3 | 140 | | 0.60 | 3 | 239 | 4.96 | 3 | 239 |
| 0.93 | 4 | 821 | | 2.51 | 4 | 187 | | 4.23 | 4 | 79 | | 0.80 | 4 | 134 | 6.61 | 4 | 134 |
| 1.16 | 5 | 526 | | 3.14 | 5 | 120 | | 5.28 | 5 | 50 | | 1.00 | 5 | 86 | 8.27 | 5 | 86 |

**35 W**
**MH IOS MH2**

3000 K

| Ø.11300.ØØ / Ø.13210.ØØ | | | | Ø.11301.ØØ / Ø.13211.ØØ | | | | Ø.11302.ØØ / Ø.13212.ØØ | | | | Ø.11303.ØØ | | (Mira) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BZ 1 | (η) 0,84 | | | BZ 1 | (η) 0,80 | | | BZ 1 | (η) 0,76 | | | BZ 10 | (η) 0,79 | | |
| 14° | 35W | | | 34° | 35W | | | 56° | 35W | | | 00° | 35W | 00° | 35W |
| ∅/m | h/m | LUX | | ∅/m | h/m | LUX | | ∅/m | h/m | LUX | | ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 0.23 | 1 | 29095 | | 0.63 | 1 | 6852 | | 1.06 | 1 | 1754 | | 0.20 | 1 | 4843 | 1.65 | 1 | 4843 |
| 0.46 | 2 | 7274 | | 1.26 | 2 | 1713 | | 2.11 | 2 | 689 | | 0.40 | 2 | 1211 | 3.31 | 2 | 1211 |
| 0.70 | 3 | 3233 | | 1.88 | 3 | 761 | | 3.17 | 3 | 306 | | 0.60 | 3 | 538 | 4.96 | 3 | 538 |
| 0.93 | 4 | 1818 | | 2.51 | 4 | 428 | | 4.23 | 4 | 172 | | 0.80 | 4 | 303 | 6.61 | 4 | 303 |
| 1.16 | 5 | 1164 | | 3.14 | 5 | 274 | | 5.28 | 5 | 110 | | 1.00 | 5 | 194 | 8.27 | 5 | 194 |

**50 W**
**MH IOS MH2**

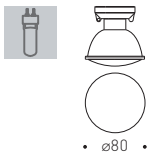
3000 K

| Ø.11300.ØØ / Ø.13210.ØØ | | | | Ø.11301.ØØ / Ø.13211.ØØ | | | | Ø.11302.ØØ / Ø.13212.ØØ | | | | Ø.11303.ØØ | | (Mira) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BZ 1 | (η) 0,84 | | | BZ 1 | (η) 0,80 | | | BZ 1 | (η) 0,75 | | | BZ 1 / 1.5 / BZ 2 | (η) 0,79 | | |
| 14° | 50W | | | 34° | 50W | | | 56° | 50W | | | 00° | 50W | 00° | 50W |
| ∅/m | h/m | LUX | | ∅/m | h/m | LUX | | ∅/m | h/m | LUX | | ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 0.23 | 1 | 39279 | | 0.63 | 1 | 9250 | | 1.06 | 1 | 3718 | | 0.20 | 1 | 6538 | 1.65 | 1 | 6538 |
| 0.46 | 2 | 9820 | | 1.26 | 2 | 2312 | | 2.11 | 2 | 930 | | 0.40 | 2 | 1634 | 3.31 | 2 | 1634 |
| 0.70 | 3 | 4364 | | 1.88 | 3 | 1028 | | 3.17 | 3 | 413 | | 0.60 | 3 | 726 | 4.96 | 3 | 726 |
| 0.93 | 4 | 2455 | | 2.51 | 4 | 578 | | 4.23 | 4 | 232 | | 0.80 | 4 | 409 | 6.61 | 4 | 409 |
| 1.16 | 5 | 1571 | | 3.14 | 5 | 370 | | 5.28 | 5 | 149 | | 1.00 | 5 | 262 | 8.27 | 5 | 262 |

**70 W**
**MH IOS MH2**

3000 K

| Ø.11300.ØØ / Ø.13210.ØØ | | | | Ø.11301.ØØ / Ø.13211.ØØ | | | | Ø.11302.ØØ / Ø.13212.ØØ | | | | Ø.11303.ØØ | | (Mira) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BZ 1 | (η) 0,81 | | | BZ 1 | (η) 0,80 | | | BZ 1 | (η) 0,83 | | | BZ 10 | (η) 0,80 | | |
| 16° | 70W | | | 34° | 70W | | | 58° | 70W | | | 00° | 70W | 00° | 70W |
| ∅/m | h/m | LUX | | ∅/m | h/m | LUX | | ∅/m | h/m | LUX | | ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 0.26 | 1 | 40808 | | 0.61 | 1 | 12833 | | 1.09 | 1 | 5844 | | 0.20 | 1 | 9676 | 1.66 | 1 | 9676 |
| 0.52 | 2 | 10202 | | 1.22 | 2 | 3208 | | 2.18 | 2 | 1461 | | 0.39 | 2 | 2419 | 3.31 | 2 | 2419 |
| 0.79 | 3 | 4534 | | 1.83 | 3 | 1426 | | 3.27 | 3 | 649 | | 0.59 | 3 | 1075 | 4.97 | 3 | 1075 |
| 1.05 | 4 | 2551 | | 2.44 | 4 | 802 | | 4.35 | 4 | 365 | | 0.78 | 4 | 605 | 6.63 | 4 | 605 |
| 1.31 | 5 | 1632 | | 3.05 | 5 | 513 | | 5.44 | 5 | 234 | | 0.98 | 5 | 387 | 8.28 | 5 | 387 |

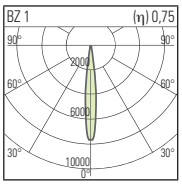



99.99% pure aluminium IOS reflector with Ø 80 mm, twist-lock fixing system and tempered safety glass (clear for narrow beams, microsphere for medium and wide beams, prismatic for the Wall Washer Mira version).
There are also versions with selective filters for lighting foodstuffs or coloured dichroic filters.

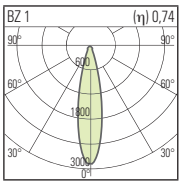
**20 W**
MH
IOS
MH3

**3000 K**

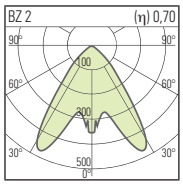
| Ø.11305.ØØ | Ø.11306.ØØ | Ø.11307.ØØ | Ø.11308.ØØ (Mira) |
|---|---|---|---|



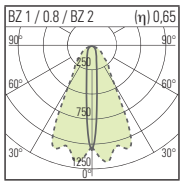

| 12° | 20W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.22 | 1 | 13766 |
| 0.45 | 2 | 3441 |
| 0.67 | 3 | 1530 |
| 0.90 | 4 | 860 |
| 1.12 | 5 | 551 |




| 24° | 20W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.41 | 1 | 5115 |
| 0.81 | 2 | 1279 |
| 1.22 | 3 | 568 |
| 1.62 | 4 | 320 |
| 2.03 | 5 | 205 |




| 74° | 20W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.52 | 1 | 1410 |
| 3.04 | 2 | 353 |
| 4.56 | 3 | 157 |
| 6.08 | 4 | 88 |
| 7.60 | 5 | 56 |



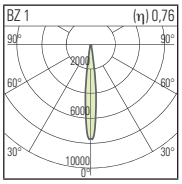

| 20W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.07 | 1 | 2068 |
| 2.15 | 2 | 517 |
| 3.22 | 3 | 230 |
| 4.30 | 4 | 129 |
| 5.37 | 5 | 83 |

| 20W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.18 | 1 | 2068 |
| 0.35 | 2 | 517 |
| 0.53 | 3 | 230 |
| 0.70 | 4 | 129 |
| 0.88 | 5 | 83 |

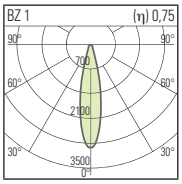
**35 W**
MH
IOS
MH3

**3000 K**

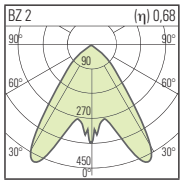
| Ø.11305.ØØ | Ø.11306.ØØ | Ø.11307.ØØ | Ø.11308.ØØ (Mira) |
|---|---|---|---|



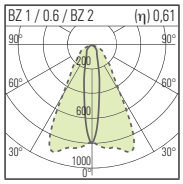

| 12° | 35W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.22 | 1 | 30730 |
| 0.45 | 2 | 7682 |
| 0.67 | 3 | 3414 |
| 0.90 | 4 | 1921 |
| 1.12 | 5 | 1229 |




| 22° | 35W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.41 | 1 | 11545 |
| 0.81 | 2 | 2886 |
| 1.22 | 3 | 1283 |
| 1.62 | 4 | 722 |
| 2.03 | 5 | 462 |




| 74° | 35W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.52 | 1 | 1410 |
| 3.04 | 2 | 353 |
| 4.56 | 3 | 157 |
| 6.08 | 4 | 88 |
| 7.60 | 5 | 56 |



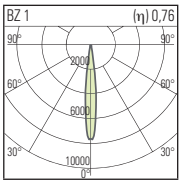

| 35W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.18 | 1 | 3254 |
| 2.35 | 2 | 813 |
| 3.53 | 3 | 362 |
| 4.70 | 4 | 203 |
| 5.88 | 5 | 130 |

| 35W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.26 | 1 | 3254 |
| 0.52 | 2 | 813 |
| 0.78 | 3 | 362 |
| 1.05 | 4 | 203 |
| 1.31 | 5 | 130 |

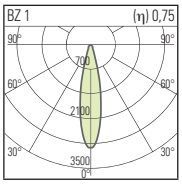
**50 W**
MH
IOS
MH3

**3000 K**

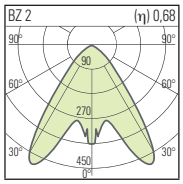
| Ø.11305.ØØ | Ø.11306.ØØ | Ø.11307.ØØ | Ø.11308.ØØ (Mira) |
|---|---|---|---|



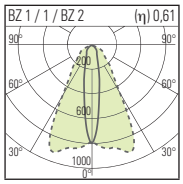

| 12° | 50W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.22 | 1 | 41485 |
| 0.45 | 2 | 10371 |
| 0.67 | 3 | 4609 |
| 0.90 | 4 | 2593 |
| 1.12 | 5 | 1659 |




| 24° | 50W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.41 | 1 | 15586 |
| 0.81 | 2 | 3897 |
| 1.22 | 3 | 1732 |
| 1.62 | 4 | 974 |
| 2.03 | 5 | 623 |




| 74° | 50W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.52 | 1 | 1904 |
| 3.04 | 2 | 476 |
| 4.56 | 3 | 212 |
| 6.08 | 4 | 119 |
| 7.60 | 5 | 76 |



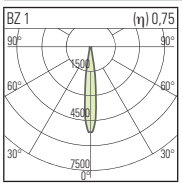

| 50W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.17 | 1 | 4378 |
| 2.35 | 2 | 1094 |
| 3.52 | 3 | 486 |
| 4.70 | 4 | 274 |
| 5.87 | 5 | 175 |

| 50W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.27 | 1 | 4378 |
| 0.54 | 2 | 1094 |
| 0.81 | 3 | 486 |
| 1.08 | 4 | 274 |
| 1.35 | 5 | 175 |

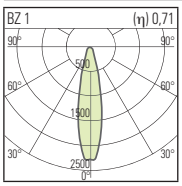
**70 W**
MH
IOS
MH3

**3000 K**

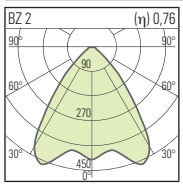
| Ø.11305.ØØ | Ø.11306.ØØ | Ø.11307.ØØ | Ø.11308.ØØ (Mira) |
|---|---|---|---|



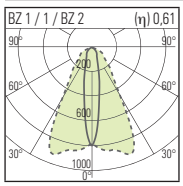

| 14° | 70W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.26 | 1 | 40335 |
| 0.52 | 2 | 10084 |
| 0.79 | 3 | 4482 |
| 1.05 | 4 | 2521 |
| 1.31 | 5 | 1631 |




| 24° | 70W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.43 | 1 | 17842 |
| 0.85 | 2 | 4460 |
| 1.28 | 3 | 1982 |
| 1.70 | 4 | 1115 |
| 2.13 | 5 | 714 |

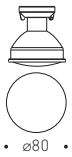



| 78° | 70W | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.62 | 1 | 3172 |
| 3.24 | 2 | 793 |
| 4.86 | 3 | 352 |
| 6.48 | 4 | 198 |
| 8.11 | 5 | 127 |




| 70W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 1.22 | 1 | 6595 |
| 2.44 | 2 | 1649 |
| 3.66 | 3 | 733 |
| 4.88 | 4 | 412 |
| 6.11 | 5 | 264 |

| 70W | | |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.23 | 1 | 6595 |
| 0.46 | 2 | 1649 |
| 0.69 | 3 | 733 |
| 0.92 | 4 | 412 |
| 1.15 | 5 | 264 |

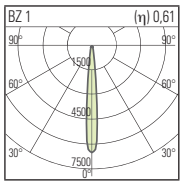
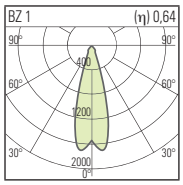
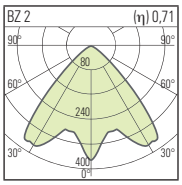
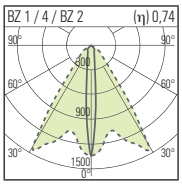



99.99% pure aluminium IOS reflector with Ø 80 mm, twist-lock fixing system and tempered safety glass (clear for narrow beams, microsphere for medium and wide beams, prismatic for the Wall Washer Mira version).
There are also versions with selective filters for lighting foodstuffs or coloured dichroic filters.

## 20 W

MH
IOS
MH4

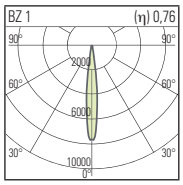
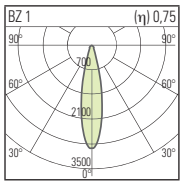
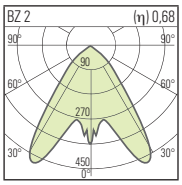
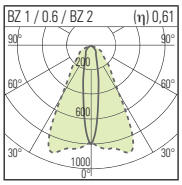
3000 K

| Ø.3305.ØØ | Ø.3306.ØØ | Ø.3307.ØØ | Ø.3308.ØØ (Mira) |
|---|---|---|---|
|  |  |  |  |
| BZ 1 (η) 0,61 | BZ 1 (η) 0,64 | BZ 2 (η) 0,71 | BZ 1 / 4 / BZ 2 (η) 0,74 |
| 10° 20W | 30° 20W | 88° 20W | 20W / 20W |
| Ø/m h/m LUX | Ø/m h/m LUX | Ø/m h/m LUX | Ø/m h/m LUX / Ø/m h/m LUX |
| 0.18 1 11137 | 0.56 1 3025 | 1.95 1 671 | 1.40 1 2467 / 0.16 1 2467 |
| 0.37 2 2784 | 1.11 2 756 | 3.91 2 168 | 2.80 2 617 / 0.32 2 617 |
| 0.55 3 1237 | 1.67 3 336 | 5.86 3 75 | 4.20 3 274 / 0.48 3 274 |
| 0.74 4 696 | 2.22 4 189 | 7.82 4 42 | 5.60 4 154 / 0.64 4 154 |
| 0.92 5 445 | 2.78 5 121 | 9.77 5 27 | 7.00 5 99 / 0.80 5 99 |

## 35 W

MH
IOS
MH4

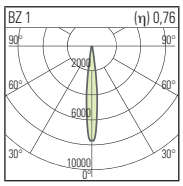
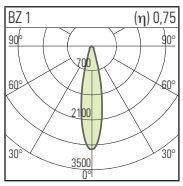
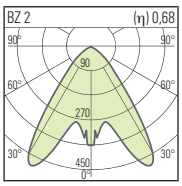
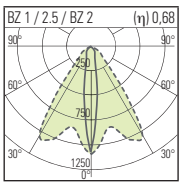
3000 K

| Ø.3305.ØØ | Ø.3306.ØØ | Ø.3307.ØØ | Ø.3308.ØØ (Mira) |
|---|---|---|---|
|  |  |  |  |
| BZ 1 (η) 0,76 | BZ 1 (η) 0,75 | BZ 2 (η) 0,68 | BZ 1 / 0.6 / BZ 2 (η) 0,61 |
| 12° 35W | 22° 35W | 74° 35W | 35W / 35W |
| Ø/m h/m LUX | Ø/m h/m LUX | Ø/m h/m LUX | Ø/m h/m LUX / Ø/m h/m LUX |
| 0.22 1 30730 | 0.41 1 11545 | 1.52 1 1410 | 1.18 1 3254 / 0.26 1 3254 |
| 0.45 2 7682 | 0.81 2 2886 | 3.04 2 353 | 2.35 2 813 / 0.52 2 813 |
| 0.67 3 3414 | 1.22 3 1283 | 4.56 3 157 | 3.53 3 362 / 0.78 3 362 |
| 0.90 4 1921 | 1.62 4 722 | 6.08 4 88 | 4.70 4 203 / 1.05 4 203 |
| 1.12 5 1229 | 2.03 5 462 | 7.60 5 56 | 5.88 5 130 / 1.31 5 130 |

## 50 W

MH
IOS
MH4

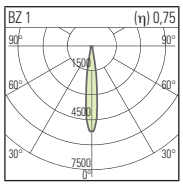
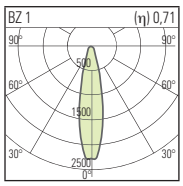
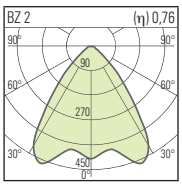
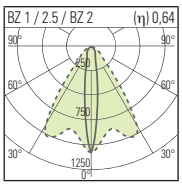
3000 K

| Ø.3305.ØØ | Ø.3306.ØØ | Ø.3307.ØØ | Ø.3308.ØØ (Mira) |
|---|---|---|---|
|  |  |  |  |
| BZ 1 (η) 0,76 | BZ 1 (η) 0,75 | BZ 2 (η) 0,68 | BZ 1 / 2.5 / BZ 2 (η) 0,68 |
| 12° 50W | 24° 50W | 74° 50W | 50W / 50W |
| Ø/m h/m LUX | Ø/m h/m LUX | Ø/m h/m LUX | Ø/m h/m LUX / Ø/m h/m LUX |
| 0.22 1 41485 | 0.41 1 15586 | 1.52 1 1904 | 1.52 1 1904 / 0.25 1 6012 |
| 0.45 2 10371 | 0.81 2 3897 | 3.04 2 476 | 3.04 2 476 / 0.49 2 1503 |
| 0.67 3 4609 | 1.22 3 1732 | 4.56 3 212 | 4.56 3 212 / 0.74 3 668 |
| 0.90 4 2593 | 1.62 4 974 | 6.08 4 119 | 6.08 4 119 / 0.99 4 374 |
| 1.12 5 1659 | 2.03 5 623 | 7.60 5 76 | 7.60 5 76 / 1.23 5 240 |

## 70 W

MH
IOS
MH4

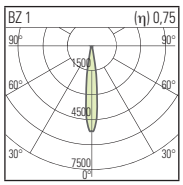
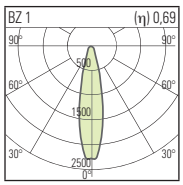
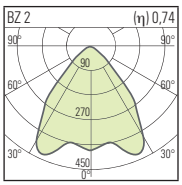
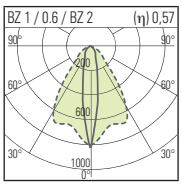
3000 K

| Ø.3305.ØØ | Ø.3306.ØØ | Ø.3307.ØØ | Ø.3308.ØØ (Mira) |
|---|---|---|---|
|  |  |  |  |
| BZ 1 (η) 0,75 | BZ 1 (η) 0,71 | BZ 2 (η) 0,76 | BZ 1 / 2.5 / BZ 2 (η) 0,64 |
| 14° 70W | 24° 70W | 78° 70W | 70W / 70W |
| Ø/m h/m LUX | Ø/m h/m LUX | Ø/m h/m LUX | Ø/m h/m LUX / Ø/m h/m LUX |
| 0.26 1 40335 | 0.43 1 17842 | 1.62 1 3172 | 1.44 1 8358 / 0.24 1 8358 |
| 0.52 2 10084 | 0.85 2 4460 | 3.24 2 793 | 2.88 2 2090 / 0.49 2 2090 |
| 0.79 3 4482 | 1.28 3 1982 | 4.86 3 352 | 4.33 3 929 / 0.73 3 929 |
| 1.05 4 2521 | 1.70 4 1115 | 6.48 4 198 | 5.77 4 522 / 0.98 4 522 |
| 1.31 5 1631 | 2.13 5 714 | 8.11 5 127 | 7.21 5 334 / 1.22 5 334 |

## 100 W

MH
IOS
MH4

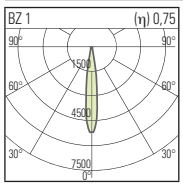
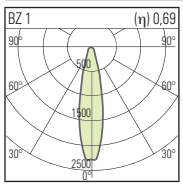
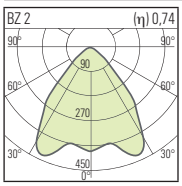
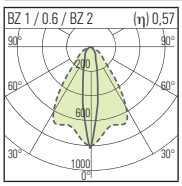
3000 K

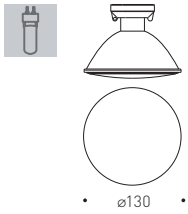
| Ø.3305.ØØ | Ø.3306.ØØ | Ø.3307.ØØ | Ø.3308.ØØ (Mira) |
|---|---|---|---|
|  |  |  |  |
| BZ 1 (η) 0,75 | BZ 1 (η) 0,69 | BZ 2 (η) 0,74 | BZ 1 / 0.6 / BZ 2 (η) 0,57 |
| 16° 100W | 24° 100W | 82° 100W | 100W / 100W |
| Ø/m h/m LUX | Ø/m h/m LUX | Ø/m h/m LUX | Ø/m h/m LUX / Ø/m h/m LUX |
| 0.27 1 56489 | 0.44 1 24158 | 1.76 1 4267 | 1.45 1 8927 / 0.31 1 8927 |
| 0.53 2 14122 | 0.89 2 6040 | 3.51 2 1067 | 2.89 2 2232 / 0.61 2 2232 |
| 0.80 3 6277 | 1.33 3 2684 | 5.27 3 474 | 4.34 3 992 / 0.92 3 992 |
| 1.06 4 3531 | 1.77 4 1510 | 7.02 4 267 | 5.79 4 558 / 1.23 4 558 |
| 1.33 5 2260 | 2.22 5 966 | 8.78 5 171 | 7.23 5 357 / 1.53 5 357 |

## 150 W

MH
IOS
MH4

3000 K

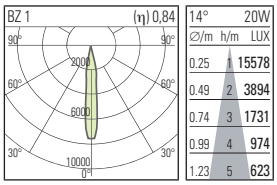
| Ø.3305.ØØ | Ø.3306.ØØ | Ø.3307.ØØ | Ø.3308.ØØ (Mira) |
|---|---|---|---|
|  |  |  |  |
| BZ 1 (η) 0,75 | BZ 1 (η) 0,69 | BZ 2 (η) 0,74 | BZ 1 / 0.6 / BZ 2 (η) 0,57 |
| 16° 150W | 24° 150W | 82° 150W | 150W / 150W |
| Ø/m h/m LUX | Ø/m h/m LUX | Ø/m h/m LUX | Ø/m h/m LUX / Ø/m h/m LUX |
| 0.27 1 77031 | 0.44 1 32943 | 1.76 1 5818 | 1.45 1 12173 / 0.31 1 12173 |
| 0.53 2 19258 | 0.89 2 8236 | 3.51 2 1455 | 2.89 2 3043 / 0.61 2 3043 |
| 0.80 3 8559 | 1.33 3 3660 | 5.27 3 646 | 4.34 3 1353 / 0.92 3 1353 |
| 1.06 4 4814 | 1.77 4 2059 | 7.02 4 364 | 5.79 4 761 / 1.23 4 761 |
| 1.33 5 3081 | 2.22 5 1318 | 8.78 5 233 | 7.23 5 487 / 1.53 5 487 |




99.99% pure aluminium IOS reflector with Ø 130 mm, twist-lock fixing system and tempered safety glass (clear for narrow beams, microsphere for medium and wide beams, prismatic for the Wall Washer Mira version).
There are also versions with selective filters for lighting foodstuffs or coloured dichroic filters.

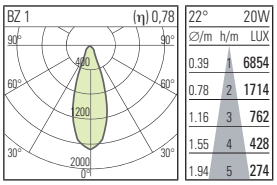
**20 W** — MH IOS MH5 — **3000 K**

**Ø.11310.ØØ / Ø.13250.ØØ**



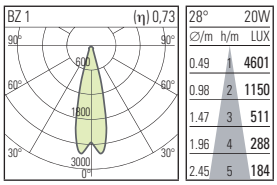

| 14° | 20W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.25 | 1 | 15578 |
| 0.49 | 2 | 3894 |
| 0.74 | 3 | 1731 |
| 0.99 | 4 | 974 |
| 1.23 | 5 | 623 |

**Ø.11311.ØØ / Ø.13251.ØØ**



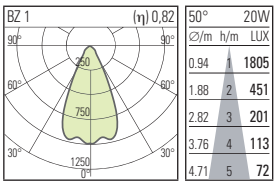

| 22° | 20W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.39 | 1 | 6854 |
| 0.78 | 2 | 1714 |
| 1.16 | 3 | 762 |
| 1.55 | 4 | 428 |
| 1.94 | 5 | 274 |

**Ø.11318.ØØ**



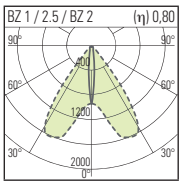

| 28° | 20W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.49 | 1 | 4601 |
| 0.98 | 2 | 1150 |
| 1.47 | 3 | 511 |
| 1.96 | 4 | 288 |
| 2.45 | 5 | 184 |

**Ø.11312.ØØ / Ø.13252.ØØ**




| 50° | 20W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.94 | 1 | 1805 |
| 1.88 | 2 | 451 |
| 2.82 | 3 | 201 |
| 3.76 | 4 | 113 |
| 4.71 | 5 | 72 |

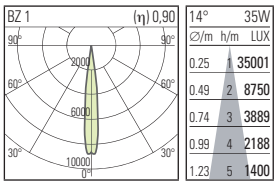
**Ø.11313.ØØ** (Mira)




| | 20W | | 20W | |
|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 0.20 | 1 | 2404 | 1.65 | 1 | 2404 |
| 0.39 | 2 | 601 | 3.31 | 2 | 601 |
| 0.59 | 3 | 267 | 4.96 | 3 | 267 |
| 0.78 | 4 | 150 | 6.62 | 4 | 150 |
| 0.98 | 5 | 96 | 8.27 | 5 | 96 |

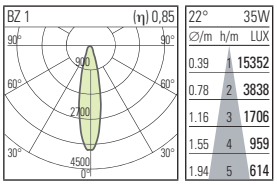
**35 W** — MH IOS MH5 — **3000 K**

**Ø.11310.ØØ / Ø.13250.ØØ**



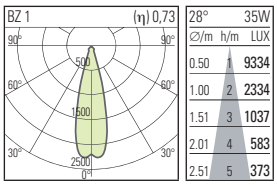

| 14° | 35W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.25 | 1 | 35001 |
| 0.49 | 2 | 8750 |
| 0.74 | 3 | 3889 |
| 0.99 | 4 | 2188 |
| 1.23 | 5 | 1400 |

**Ø.11311.ØØ / Ø.13251.ØØ**



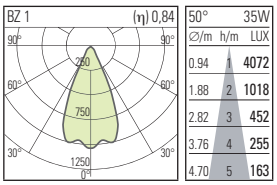

| 22° | 35W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.39 | 1 | 15352 |
| 0.78 | 2 | 3838 |
| 1.16 | 3 | 1706 |
| 1.55 | 4 | 959 |
| 1.94 | 5 | 614 |

**Ø.11318.ØØ**



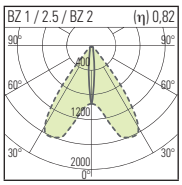

| 28° | 35W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.50 | 1 | 9334 |
| 1.00 | 2 | 2334 |
| 1.51 | 3 | 1037 |
| 2.01 | 4 | 583 |
| 2.51 | 5 | 373 |

**Ø.11312.ØØ / Ø.13252.ØØ**




| 50° | 35W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.94 | 1 | 4072 |
| 1.88 | 2 | 1018 |
| 2.82 | 3 | 452 |
| 3.76 | 4 | 255 |
| 4.70 | 5 | 163 |

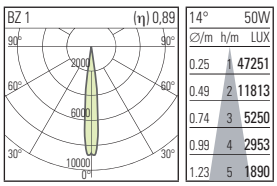
**Ø.11313.ØØ** (Mira)




| | 35W | | 35W | |
|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 0.20 | 1 | 5455 | 1.65 | 1 | 5455 |
| 0.39 | 2 | 1364 | 3.31 | 2 | 1364 |
| 0.59 | 3 | 606 | 4.96 | 3 | 606 |
| 0.78 | 4 | 341 | 6.62 | 4 | 341 |
| 0.98 | 5 | 218 | 8.27 | 5 | 218 |

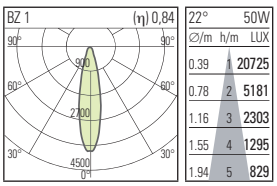
**50 W** — MH IOS MH5 — **3000 K**

**Ø.11310.ØØ / Ø.13250.ØØ**



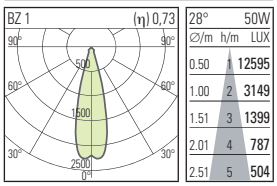

| 14° | 50W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.25 | 1 | 47251 |
| 0.49 | 2 | 11813 |
| 0.74 | 3 | 5250 |
| 0.99 | 4 | 2953 |
| 1.23 | 5 | 1890 |

**Ø.11311.ØØ / Ø.13251.ØØ**



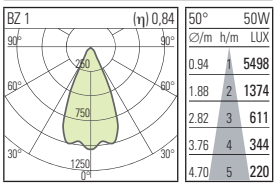

| 22° | 50W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.39 | 1 | 20725 |
| 0.78 | 2 | 5181 |
| 1.16 | 3 | 2303 |
| 1.55 | 4 | 1295 |
| 1.94 | 5 | 829 |

**Ø.11318.ØØ**



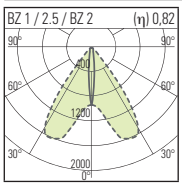

| 28° | 50W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.50 | 1 | 12595 |
| 1.00 | 2 | 3149 |
| 1.51 | 3 | 1399 |
| 2.01 | 4 | 787 |
| 2.51 | 5 | 504 |

**Ø.11312.ØØ / Ø.13252.ØØ**




| 50° | 50W | |
|---|---|---|
| ∅/m | h/m | LUX |
| 0.94 | 1 | 5498 |
| 1.88 | 2 | 1374 |
| 2.82 | 3 | 611 |
| 3.76 | 4 | 344 |
| 4.70 | 5 | 220 |

**Ø.11313.ØØ** (Mira)



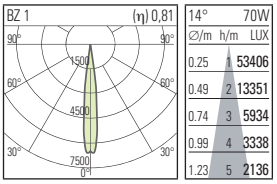

| | 50W | | 50W | |
|---|---|---|---|---|
| ∅/m | h/m | LUX | ∅/m | h/m | LUX |
| 0.20 | 1 | 7364 | 1.65 | 1 | 7364 |
| 0.39 | 2 | 1841 | 3.31 | 2 | 1841 |
| 0.59 | 3 | 818 | 4.96 | 3 | 818 |
| 0.78 | 4 | 460 | 6.62 | 4 | 460 |
| 0.98 | 5 | 295 | 8.27 | 5 | 295 |



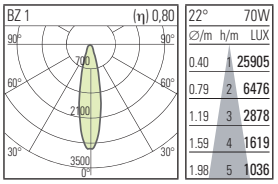

99.99% pure aluminium IOS reflector with Ø 130 mm, twist-lock fixing system and tempered safety glass (clear for narrow beams, microsphere for medium and wide beams, prismatic for the Wall Washer Mira version).
There are also versions with selective filters for lighting foodstuffs or coloured dichroic filters.

**70 W** — MH IOS MH5 — 3000 K

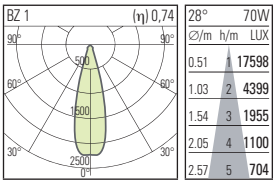
**Ø.11310.ØØ / Ø.13250.ØØ**



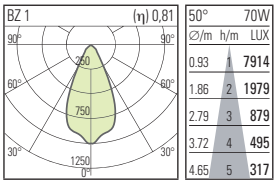

**Ø.11311.ØØ / Ø.13251.ØØ**



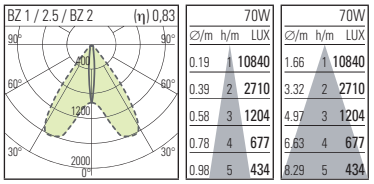

**Ø.11318.ØØ**




**Ø.11312.ØØ / Ø.13252.ØØ**

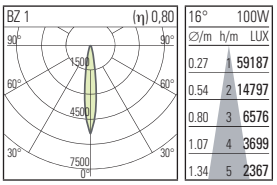



**Ø.11313.ØØ** (Mira)

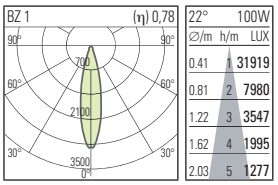



**100 W** — MH IOS MH5 — 3000 K

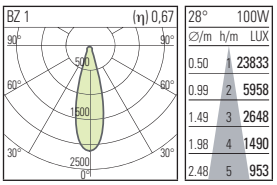
**Ø.11310.ØØ / Ø.13250.ØØ**



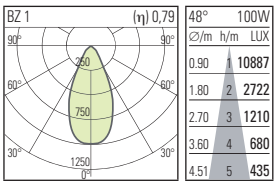

**Ø.11311.ØØ / Ø.13251.ØØ**



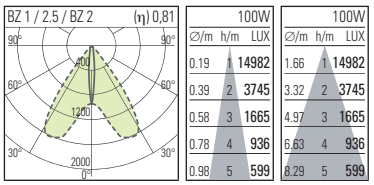

**Ø.11318.ØØ**




**Ø.11312.ØØ / Ø.13252.ØØ**

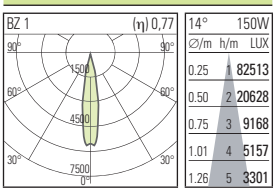



**Ø.11313.ØØ** (Mira)

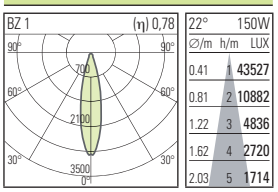



**150 W** — MH IOS MH5 — 3000 K

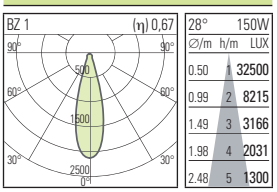
**Ø.11310.ØØ / Ø.13250.ØØ**



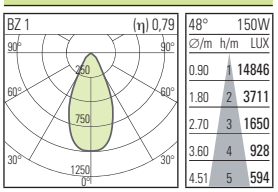

**Ø.11311.ØØ / Ø.13251.ØØ**



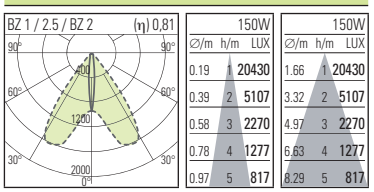

**Ø.11318.ØØ**

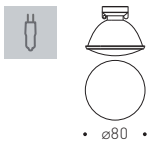



**Ø.11312.ØØ / Ø.13252.ØØ**




**Ø.11313.ØØ** (Mira)





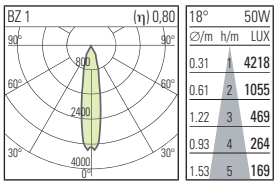

99.99% pure aluminium IOS reflector with Ø 80 mm, twist-lock fixing system and tempered safety glass (clear for narrow beams, microsphere for medium and wide beams, prismatic for the Wall Washer Mira version).
There are also versions with selective filters for lighting foodstuffs or coloured dichroic filters.

**50 W /** 12V

HALO IOS HL2

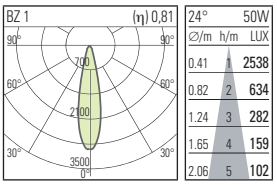
**3000 K**

**Ø.11300.ØØ**



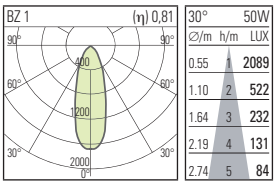

| 18° | | 50W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.31 | 1 | 4218 |
| 0.61 | 2 | 1055 |
| 1.22 | 3 | 469 |
| 0.93 | 4 | 264 |
| 1.53 | 5 | 169 |

**Ø.11301.ØØ**




| 24° | | 50W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.41 | 1 | 2538 |
| 0.82 | 2 | 634 |
| 1.24 | 3 | 282 |
| 1.65 | 4 | 159 |
| 2.06 | 5 | 102 |

**Ø.11302.ØØ**



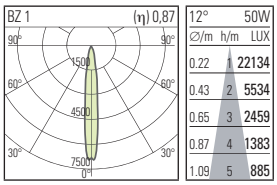

| 30° | | 50W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.55 | 1 | 2089 |
| 1.10 | 2 | 522 |
| 1.64 | 3 | 232 |
| 2.19 | 4 | 131 |
| 2.74 | 5 | 84 |

**50 W /** 24V

HALO IOS HL2

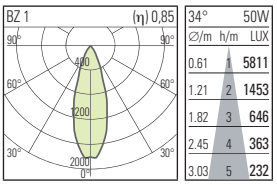
**3000 K**

**Ø.11300.ØØ**



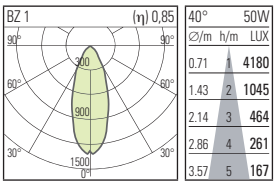

| 12° | | 50W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.22 | 1 | 22134 |
| 0.43 | 2 | 5534 |
| 0.65 | 3 | 2459 |
| 0.87 | 4 | 1383 |
| 1.09 | 5 | 885 |

**Ø.11301.ØØ**




| 34° | | 50W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.61 | 1 | 5811 |
| 1.21 | 2 | 1453 |
| 1.82 | 3 | 646 |
| 2.45 | 4 | 363 |
| 3.03 | 5 | 232 |

**Ø.11302.ØØ**




| 40° | | 50W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.71 | 1 | 4180 |
| 1.43 | 2 | 1045 |
| 2.14 | 3 | 464 |
| 2.86 | 4 | 261 |
| 3.57 | 5 | 167 |



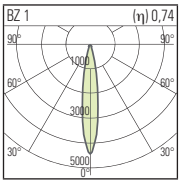

99.99% pure aluminium IOS reflector with Ø 130 mm, twist-lock fixing system and tempered safety glass (clear for narrow beams, microsphere for medium and wide beams, prismatic for the Wall Washer Mira version).
There are also versions with selective filters for lighting foodstuffs or coloured dichroic filters.

**60 W**

**HALO IOS HL5**

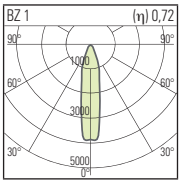
**3000 K**

**Ø.13250.ØØ**



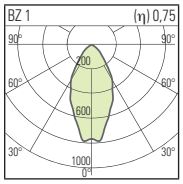

| 16° | | 60W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.28 | 1 | 3514 |
| 0.56 | 2 | 878 |
| 0.85 | 3 | 390 |
| 1.13 | 4 | 220 |
| 1.41 | 5 | 141 |

**Ø.13251.ØØ**




| 22° | | 60W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.40 | 1 | 1526 |
| 0.80 | 2 | 382 |
| 1.20 | 3 | 170 |
| 1.60 | 4 | 95 |
| 2.01 | 5 | 61 |

**Ø.13252.ØØ**



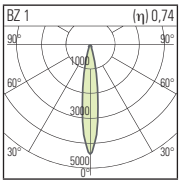

| 50° | | 60W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.94 | 1 | 619 |
| 1.87 | 2 | 155 |
| 2.81 | 3 | 69 |
| 3.74 | 4 | 39 |
| 4.68 | 5 | 25 |

**75 W**

**HALO IOS HL5**

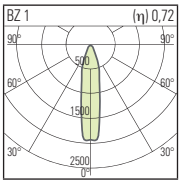
**3000 K**

**Ø.13250.ØØ**



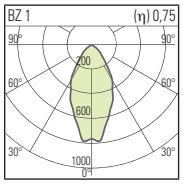

| 16° | | 75W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.28 | 1 | 4892 |
| 0.56 | 2 | 1223 |
| 0.85 | 3 | 544 |
| 1.13 | 4 | 306 |
| 1.41 | 5 | 196 |

**Ø.13251.ØØ**




| 22° | | 75W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.40 | 1 | 2127 |
| 0.80 | 2 | 532 |
| 1.20 | 3 | 236 |
| 1.60 | 4 | 133 |
| 2.01 | 5 | 85 |

**Ø.13252.ØØ**




| 50° | | 75W |
|---|---|---|
| Ø/m | h/m | LUX |
| 0.94 | 1 | 863 |
| 1.87 | 2 | 216 |
| 2.81 | 3 | 96 |
| 3.74 | 4 | 54 |
| 4.68 | 5 | 35 |

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# ICON LEGEND

 horizontal track

 vertical track

 surface-mounted (ceiling)

 surface-mounted (wall)

 semi-recessed (wall)

 semi-recessed (ceiling)

 cove

 recessed (ceiling)

 recessed (wall)

 horizontal mounting rail

 vertical mounting rail

 pendants

 recessed (floor)



horizontal adjustment



vertical adjustment



METAL HALIDE lamp



halogen lamp with IOS optics



halogen lamp



METAL HALIDE lamp with IOS optics



compact fluorescent lamp



Interchangeable Optical System



IOS LED



IOS LL1 optics



IOS LL2 optics



On/Off



dimming 1-10V



phase-cut



DALI



on-board dimming



IK rating



double IP rating



IP rating

 Insulation class 1

 Insulation class 2

 Insulation class 3



glow wire test



high temperature on the glass



net grams

 timesaver



No devices

 with bezel/trimless



cut-out



cut-out

 finish



without finish/stainless steel



chrome



brass/solid bronze



gold plated



white



embossed matt white



AISI 316 marine-grade stainless steel



black



black-graphite



white gloss



metallised grey



embossed matt black



matt black



blue



green



red



clear shield



matt



light blue



pink



orange



embossed anthracite



matt white



B1 + pewter gray



21 + pewter gray



pewter gray + 21

 Green product

 product 95% recyclable