

WORKING BOOK





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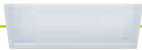
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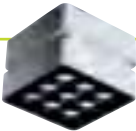
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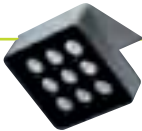
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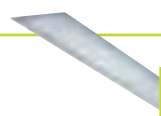
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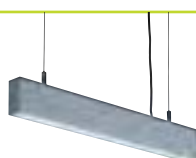
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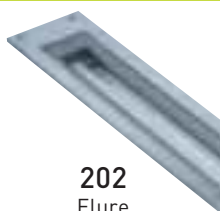
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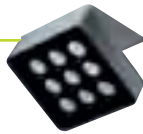
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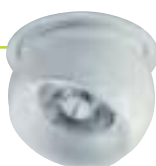
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Ceiling and Wall mounted luminaires



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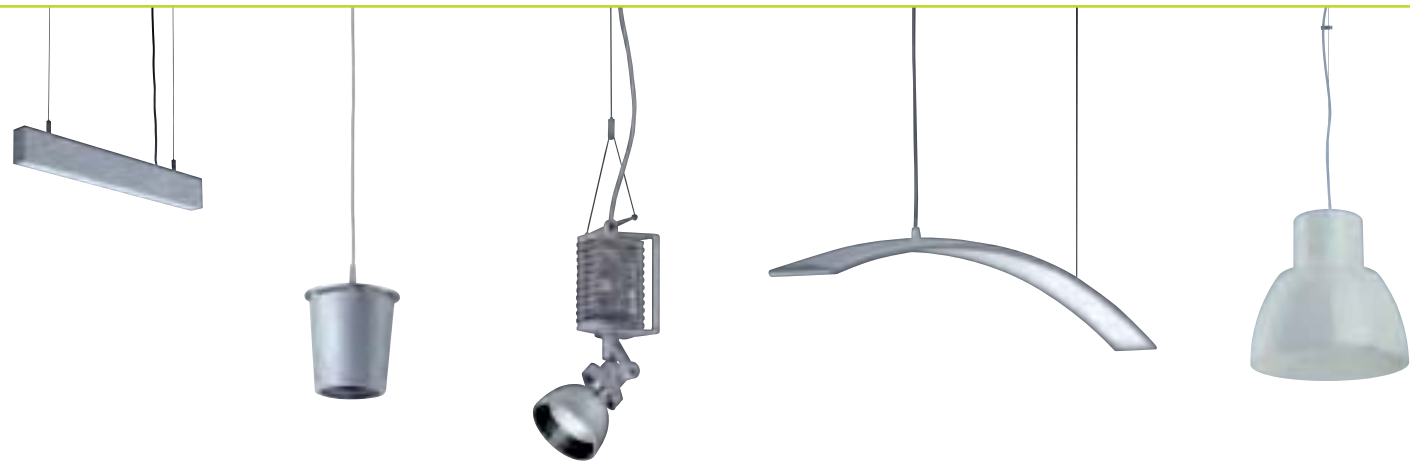


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Pendants and Floor lamps



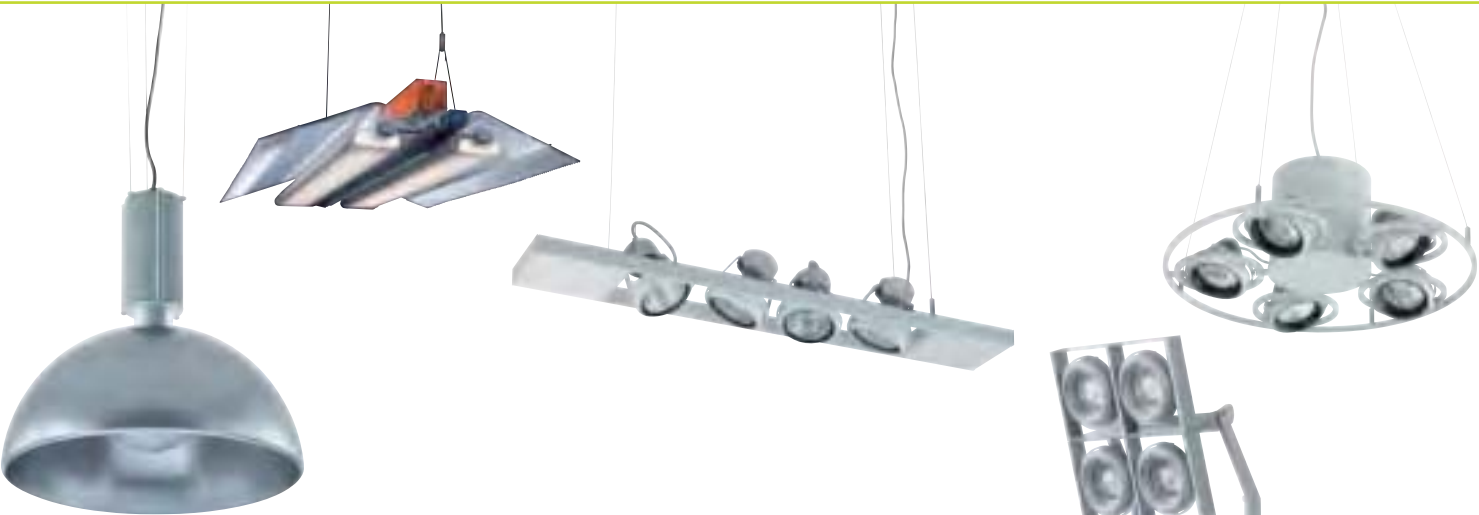
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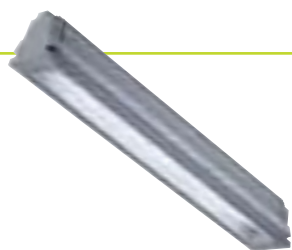
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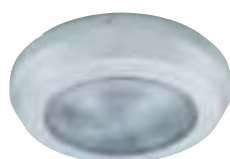
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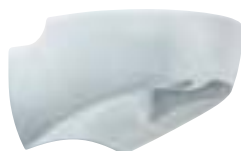
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We are Reggiani, we speak light

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 practical use.

"We speak light" includes the ability to **create versatile lighting systems** that can highlight details while also 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 m² 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

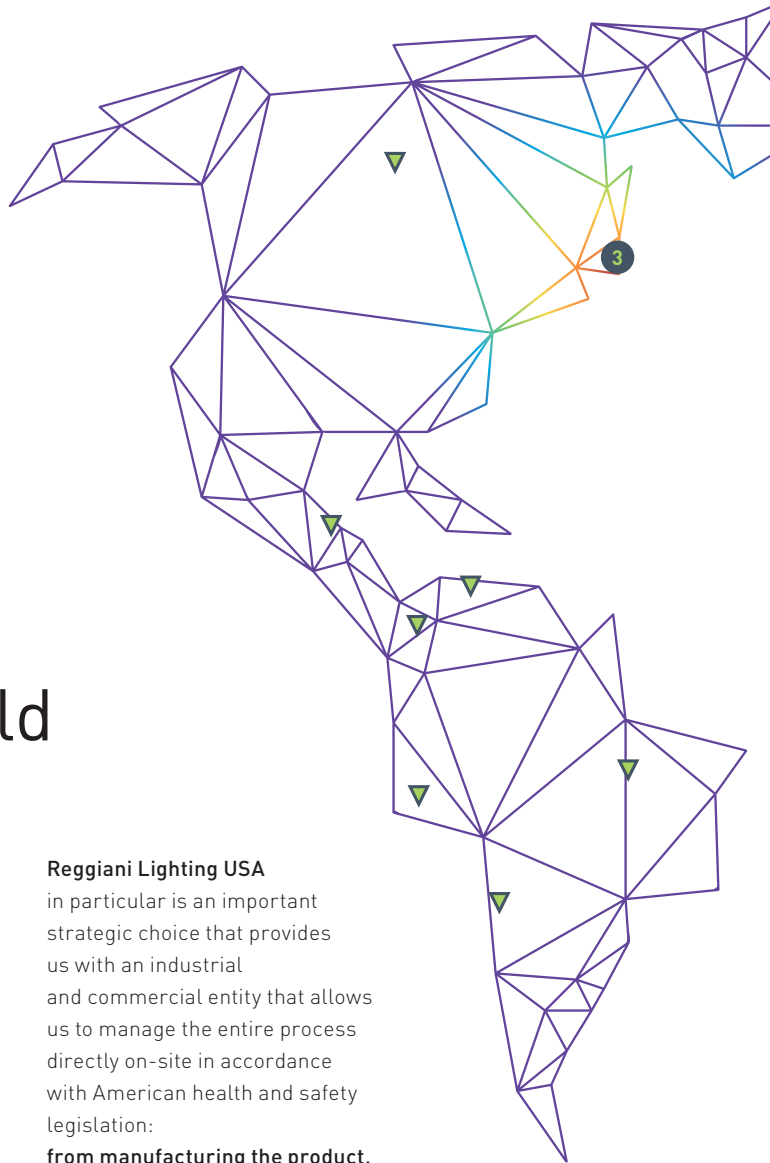
Shining a light on the future from where we are today. Here at Reggiani corporate social responsibility is a prime consideration when evaluating our commercial operations. An excellent example of this are the 730 m² of photovoltaic panels that cover the roof of our headquarters in Sovico by which we can achieve an **annual reduction in CO₂ emissions of not less than 60 tons.**

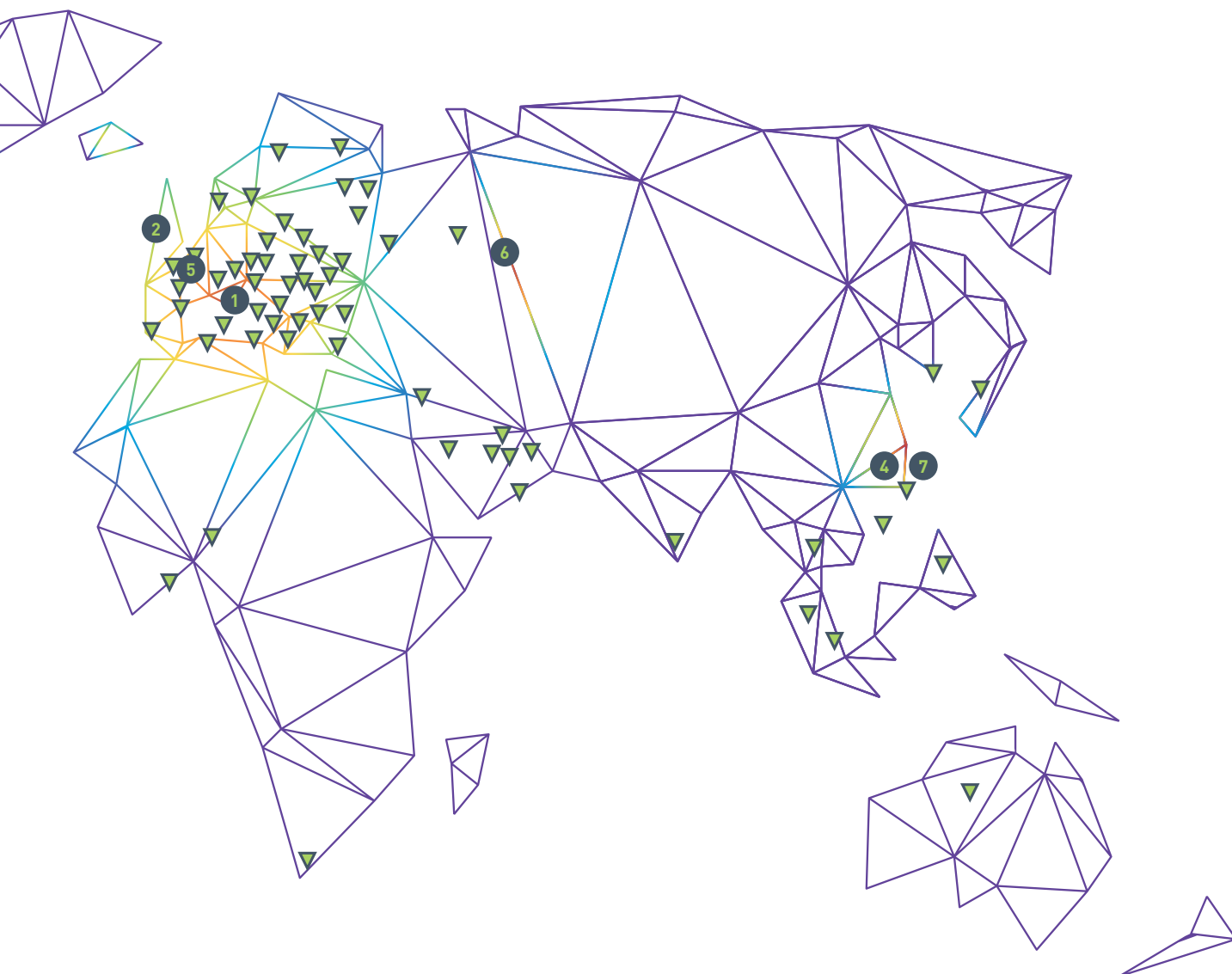


Reggiani in the world

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





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
- Illori
- 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
- Universo Sport
- Vatican Museums
- Waitrose
- Woolwich Squares - London, UK
- Yamamay

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.



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 some 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%.

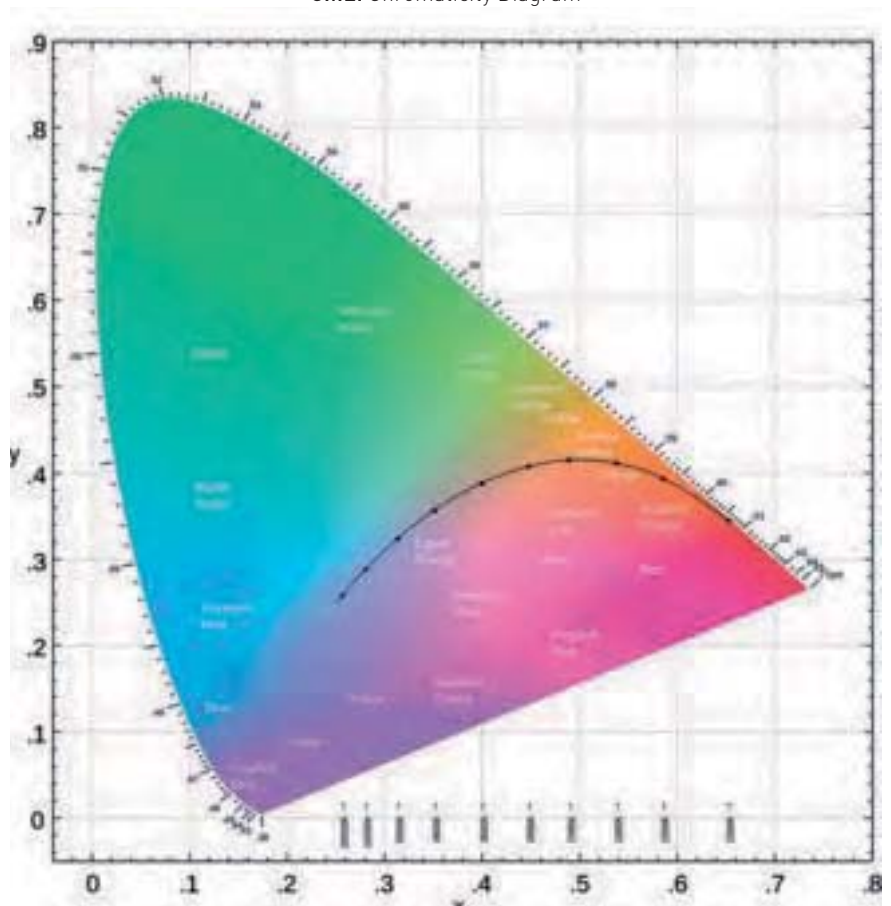
- Ra= >90 (Excellent)
- Ra= 80 – 90 (Good)
- Ra= <80 (Average)

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.

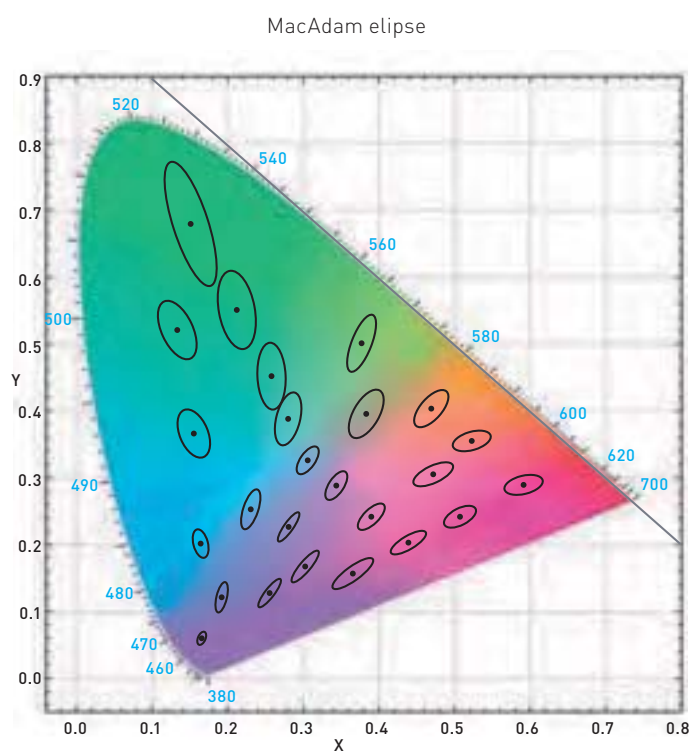
C.I.E. Chromaticity Diagram



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.

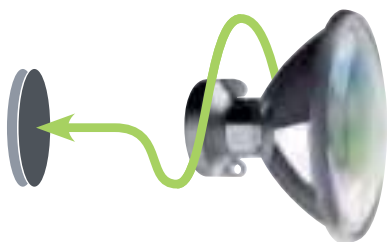


IOS the power of innovation

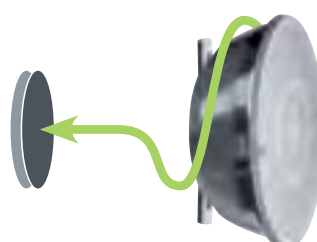
Reggiani interprets innovation as a strength connected to the area of knowledge that needs to be managed and directed so that the company can also transfer innovation to its contacts representatives. **Reggiani** research works in carefully selected and ideal directions, not according to pre-set goals. 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°.



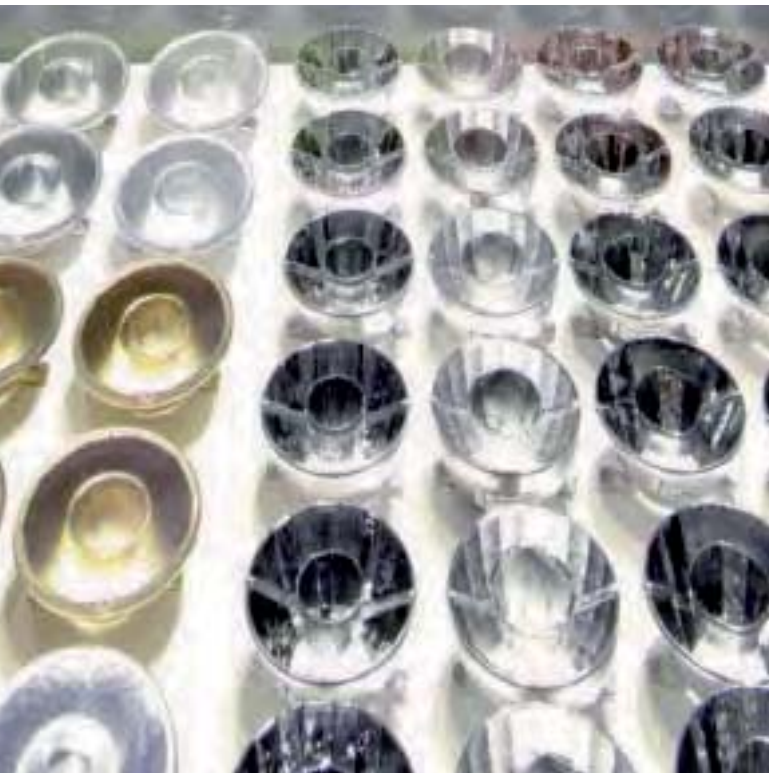
IOS MH system



IOS LED system



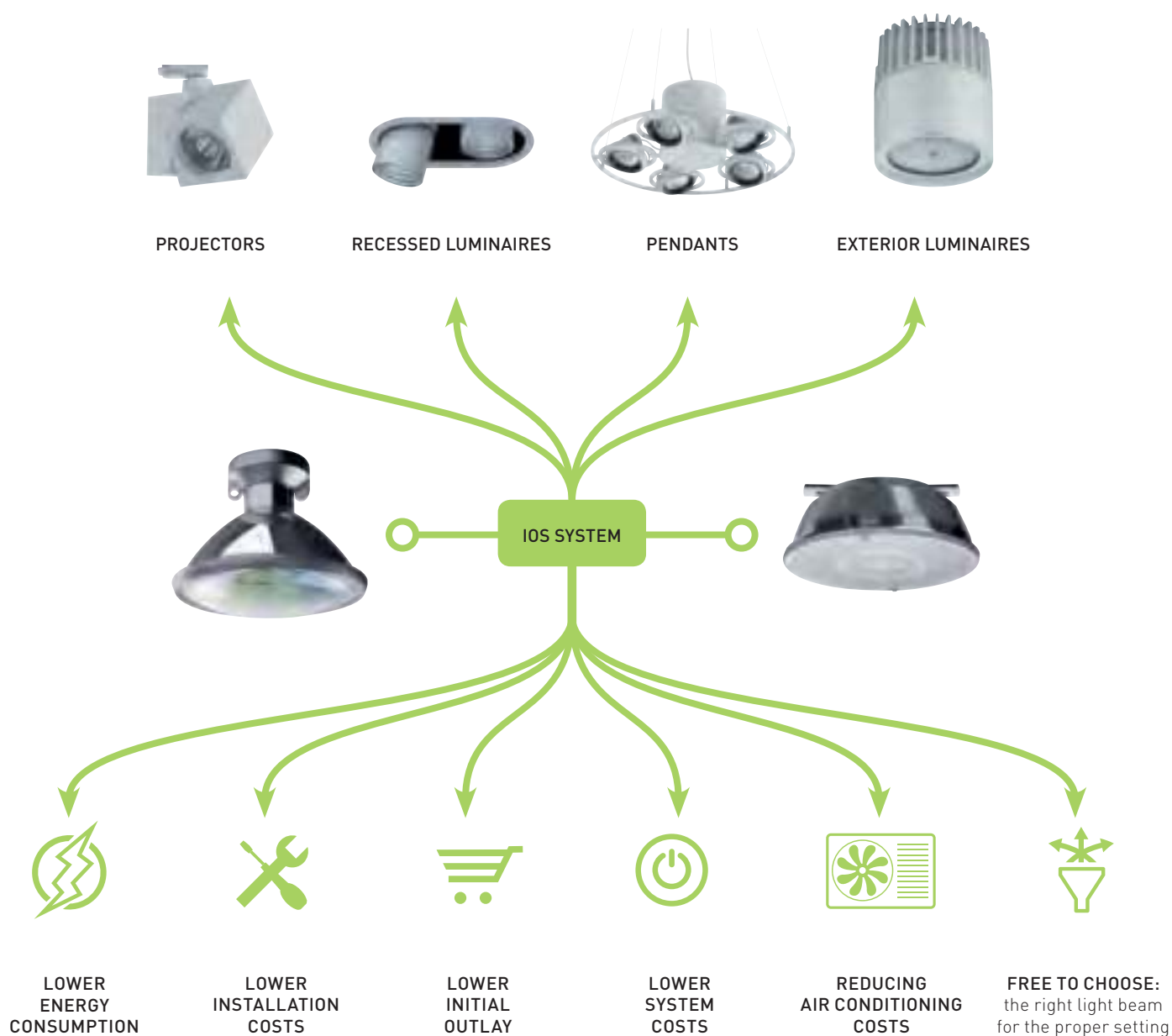
A world where technology means less environmental impact, combined with energy efficiency and freedom of choice



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





Reggiani LED

Photobiological Risk Group 0



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 • a near-UV hazard (EUVA) within 1000 s, (about 16 min) nor • a retinal blue-light hazard (LB) within 10000 s (about 2,8 h), nor • a retinal thermal hazard (LR) within 10 s., nor • an infrared radiation hazard for the eye (EIR) within 1000 s.	• an actinic ultraviolet hazard (Es) within 10000 s, nor • an actinic ultraviolet hazard (EUVA) within 300 s, nor • a retinal blue-light hazard (LB) within 100 s, nor • a retinal thermal hazard (LR) within 10 s, nor • an infrared radiation hazard for the eye (EIR) within 100 s	• an actinic ultraviolet hazard (Es) within 1000 s exposure, nor • an actinic ultraviolet hazard (EUVA) within 100 s, nor • a retinal blue-light hazard (LB) within 0,25 s (aversion response), nor • a retinal thermal hazard (LR) within 0,25 s (aversion response), nor • 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

IP00	No protection
IP10	Protection against solid foreign objects >50 mm
IP20	Protection against solid foreign objects >12 mm
IP30	Protection against solid foreign objects >2,5 mm
IP40	Protection against solid foreign objects >1 mm
IP50	Dust-protected and protection against access with wire
IP60	Dust-tight and protection against access with wire

PROTECTION AGAINST HARMFUL INGRESS OF WATER

IP00	No protection
IP01	Protection against falling water
IP02	Protection against falling water when tilted up to 15°
IP03	Protection against spraying water
IP04	Protection against splashing water
IP05	Protection against water jets
IP06	Protection against heavy seas
IP07	Protection against water immersion
IP08	Protection against water submersion

Protection against external mechanical impacts

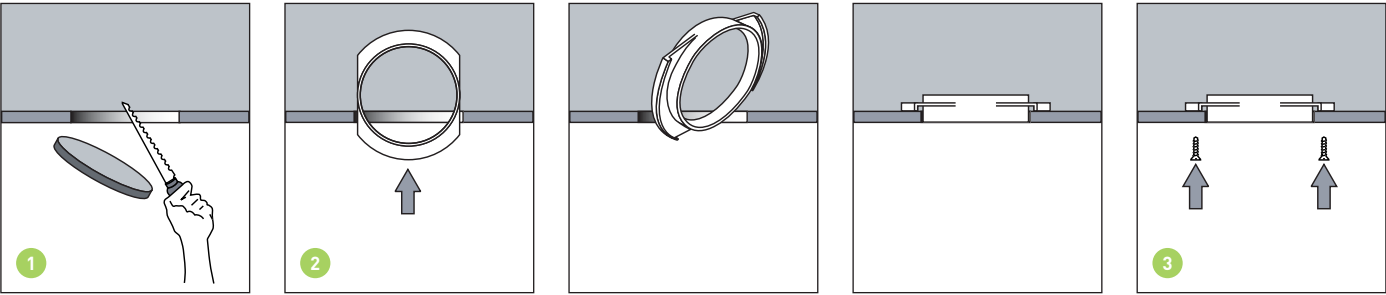
IK 00

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.

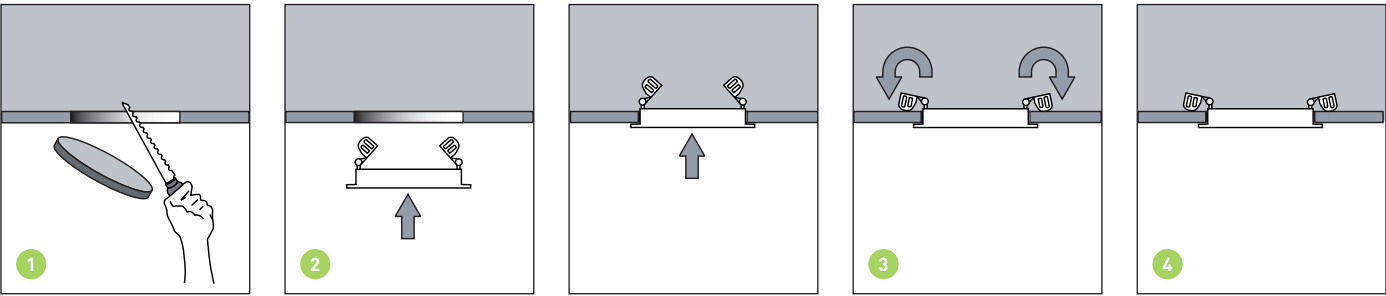
TO STANDARD IEC EN 50102: 1996-05; IEC EN 60068-2-7-5; 1996-05

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

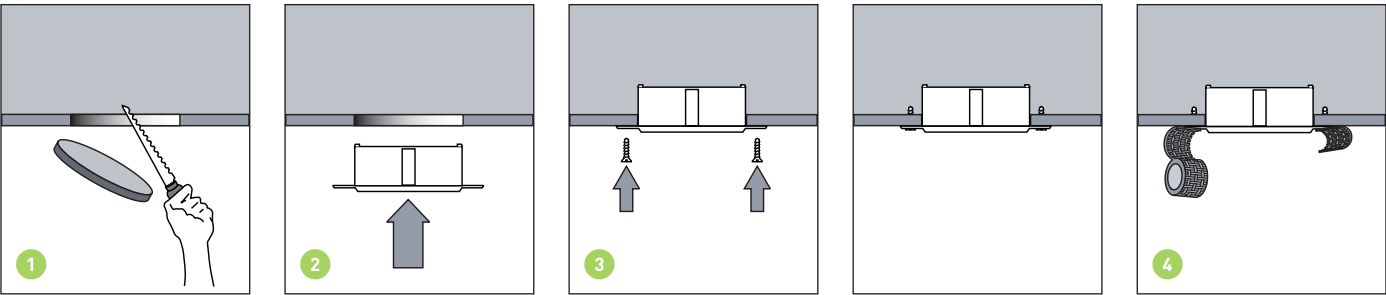
TRIMLESS INSTALLATION



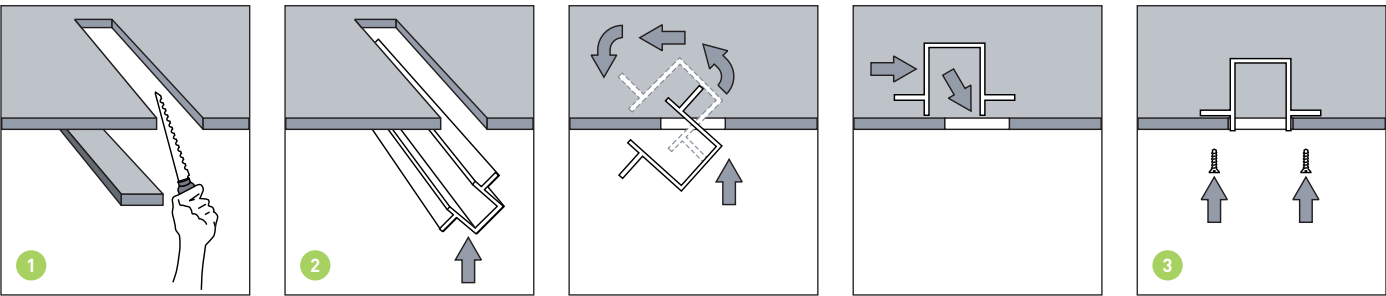
INSTALLATION WITH BEZEL

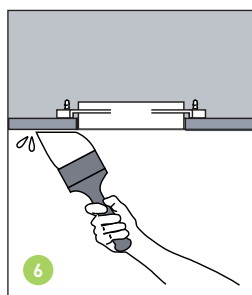
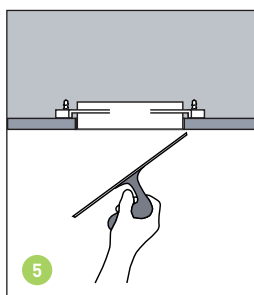
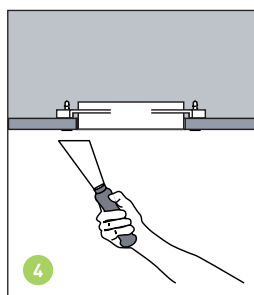


TRIMLESS INSTALLATION (TRYBECA; SPLYT; YORI)

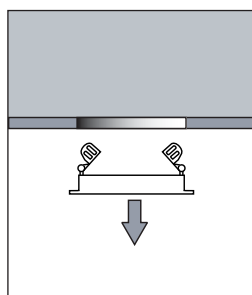
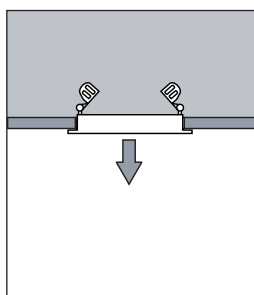
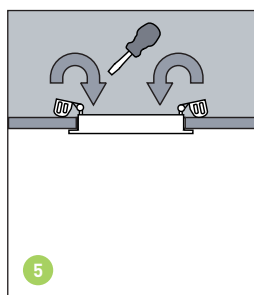


TRIMLESS MOUNTING RAIL INSTALLATION (YORI)

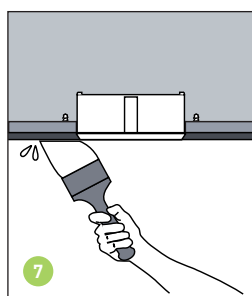
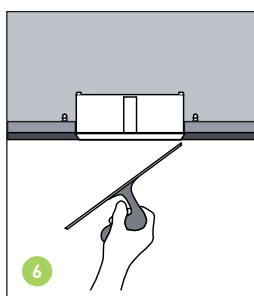
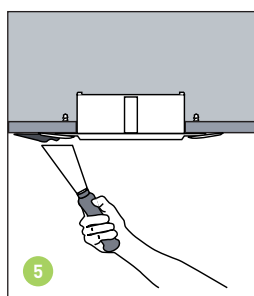




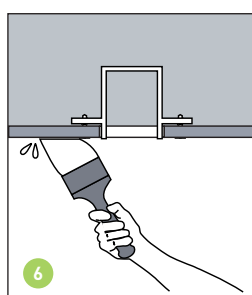
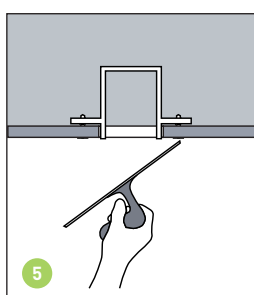
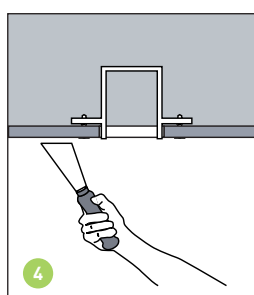
- 1 Cut out hole to the required Ø.
- 2 Insert support.
- 3 Fix support with self-tapping screws.
- 4 Apply plaster/fine mortar.
- 5 Smooth.
- 6 Paint.



- 1 Cut out hole to the required Ø.
- 2 Insert frame into hole.
- 3 Fix frame to the cut-out using KlikFix clips.
- 4 To remove frame.
- 5 Use a flathead screwdriver to lift up the KlikFix 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	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

1 2 3 7 6 4 5

YORI | LED |

Proiettore per binario a 3 accensioni

8 11 2

10 W

LED

codice driver

codice corpo

codice ottica

codice lumen

codice finitura

IOS LL1

15°

29°

47°

senza ottica

esempio configurazione

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

12

9

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

www.reggiani.net

02

13 W

LED

codice driver

codice corpo

codice ottica

codice lumen

codice finitura

IOS LL2

11°

15°

21°

29°

51°

Mira

senza ottica

esempio configurazione

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

15

22 W

LED

codice driver

codice corpo

codice ottica

codice lumen

codice finitura

IOS LL2

11°

15°

21°

29°

51°

Mira

senza ottica

esempio configurazione

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

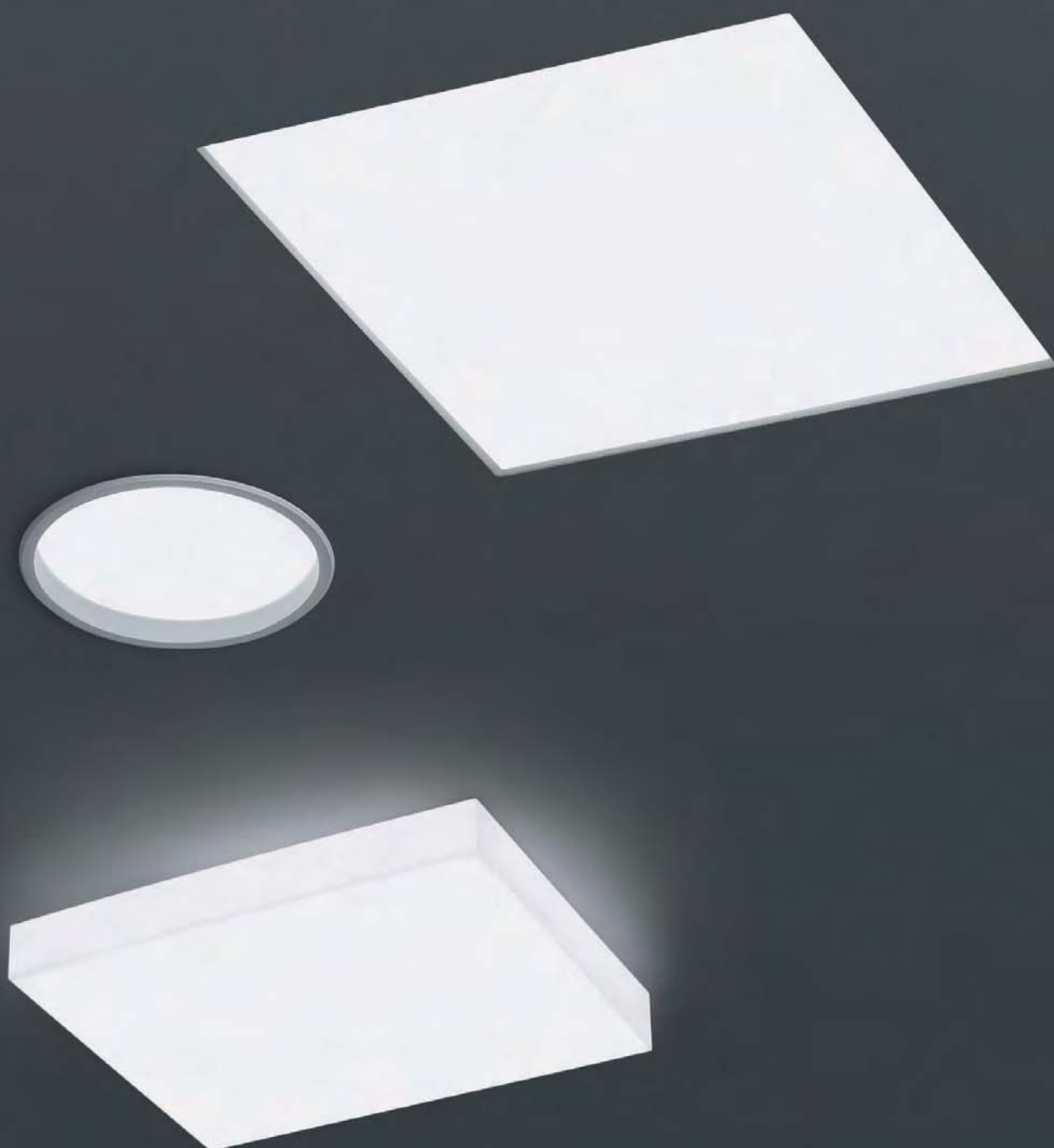
10

CE

*certificazione in fase di approvazione

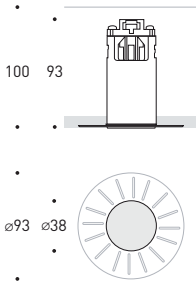
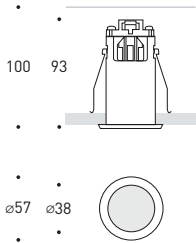
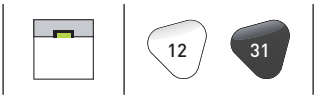
Lighting systems

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



3 W				375 lm				
LED	driver reference	optics reference	beam width	lumen reference			finish reference	
	BC0A0		110° 66° 152°	nom. lm	K	CRI		
				HW	266	2700		>90
				HQ	310	3000		>90
				WW	350	3000		>85
				NN	375	4000		>85
				spacers (pg. 067)				
possible configuration				BC0A0				

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

3 W				375 lm			
LED	driver reference	optics reference	beam width	lumen reference			finish reference
0	CC0A0	↔ ↑ ↓ 110° 66° 152°	nom. lm K CRI				
			HW	266	2700	>90	12
			HQ	310	3000	>90	31
			WW	350	3000	>85	
			NN	375	4000	>85	
spacers (pg. 067)							
possible configuration				0, CC0A0, HQ, 12			

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

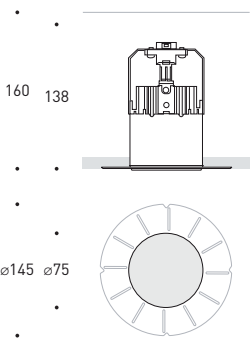
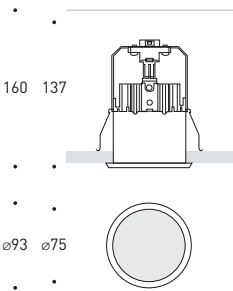
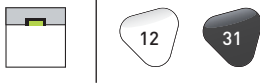


Accessories (pg. 067).
Photometric data (pg. 742).

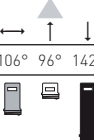


Accessories (pg. 067).
Photometric data (pg. 742).

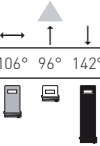
Round fixed recessed projector (with bezel or trimless) and remote driver



6 W		700 lm								
LED	driver reference	optics reference	beam width		lumen reference			finish reference		
[Ø] [V] [D] [T]		BCØBØ	↔ ↑ ↓		nom. lm	K	CRI	[12] [31]		
			106°	96°	142°	[HW]	450		2700	>90
						[HQ]	570		3000	>90
						[WW]	650		3000	>85
						[NN]	700		4000	>85
			spacers (pg. 067)							
possible configuration					[Ø] BCØBØ [HQ] [12]					

6 W		700 lm						
LED	driver reference	optics reference	beam width		lumen reference			finish reference
[Ø] [V] [D] [T]		CCØBØ	↔ ↑ ↓ 106° 96° 142°  spacers (pg. 067)		nom. lm	K	CRI	[12] [31]
			[HW]	450	2700	>90		
			[HQ]	570	3000	>90		
			[WW]	650	3000	>85		
			[NN]	700	4000	>85		
possible configuration					[Ø], CCØBØ, [HQ], [12]			

8 W				975 lm			
LED	driver reference	optics reference	beam width	lumen reference			finish reference
				nom. lm	K	CRI	
[Ø] [V] [D] [T]		BCØCØ		[HW]	637	2700 >90	[12]
				[HQ]	765	3000 >90	[31]
				[WW]	880	3000 >85	
				[NN]	975	4000 >85	
spacers [pg. 067]							
possible configuration				[Ø], BCØCØ, [HQ], [12]			

8 W		975 lm					
LED	driver reference	optics reference	beam width	lumen reference			finish reference
[Ø] [V] [D] [T]		CCØCØ	↔ ↑ 106° 96° 142° ↓  spacers [pg. 067]	nom. lm	K	CRI	
	[HW]	637	2700	>90	[12]		
	[HQ]	765	3000	>90	[31]		
	[WW]	880	3000	>85			
	[NN]	975	4000	>85			
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.

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.

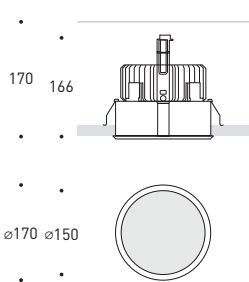
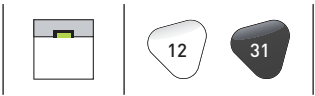


Accessories (pg. 067).
Photometric data (pg. 743).



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

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

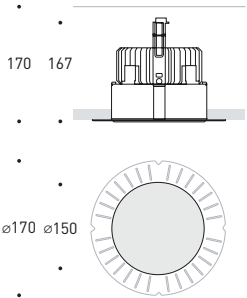


12 W* 24 W*		1460 lm 2565 lm							
LED	driver reference	optics reference	beam width	lumen reference			finish reference		
					nom. lm	K	CRI		
		BCØEØ	106° 108°		[HW]	971 1637	2700	>90	[12] [31]
				[HQ]	1155 2030	3000	>90		
				[WW]	1320 2470	3000	>85		
			spacers (pg. 067)	[NN]	1460 2565	4000	>85		
possible configuration				 BCØEØ  [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.



12 W* 24 W*		1460 lm 2565 lm					
LED	driver reference	optics reference	beam width	lumen reference			finish reference
				nom. lm	K	CRI	
		CCØEØ	106° 108°	 971 1637	2700	>90	 
				 1155 2030	3000	>90	
				 1320 2470	3000	>85	
			spacers (pg. 067)	 1460 2565	4000	>85	
possible configuration				 CCØEØ  			

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.

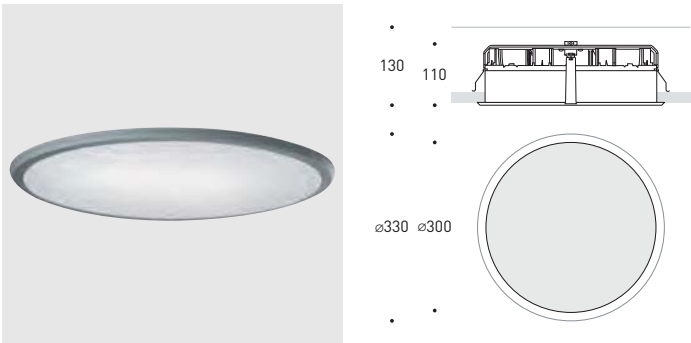
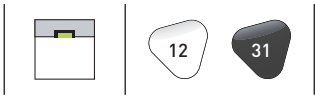


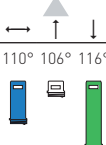
Accessories (pg. 067).
Photometric data (pg. 745-746).



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

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



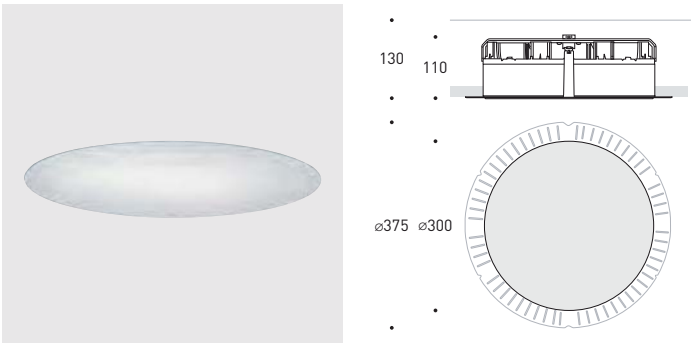
33 W			4096 lm				
LED	driver reference	optics reference	beam width	lumen reference		finish reference	
				nom. lm	K	CRI	
[Ø]	BCØLØ	110° 106° 116°		HW	2797	2700 >90	[12] [31]
				HQ	3360	3000 >90	
				WW	3818	3000 >80	
				NN	4096	4000 >80	
[V]							
[D]	spacers (pg. 067)						

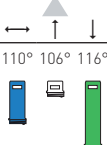
possible configuration **Ø BCØLØ HQ 12**

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



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



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

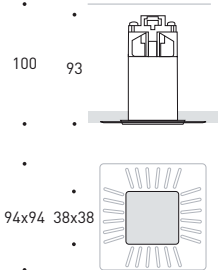
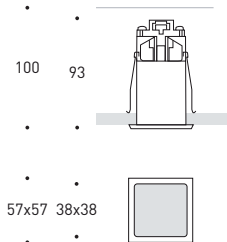
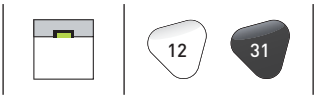
possible configuration **Ø CCØLØ HQ 12**

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



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

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



3 W				375 lm						
LED	driver reference	optics reference	beam width	lumen reference			finish reference			
				nom. lm	K	CRI				
[0]		DC0A0	↔ ↑ ↓ 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				[0], DC0A0, [HQ], [12]						

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

3 W				375 lm			
LED	driver reference	optics reference	beam width	lumen reference			finish reference
[0]	FC0A0	↔ ↑ ↓ 110° 66° 152°  spacers (pg. 067)	[HW]	nom. lm	K	CRI	[12]
			[HQ]	266	2700	>90	[31]
			[WW]	310	3000	>90	
			[NN]	350	3000	>85	
				375	4000	>85	
possible configuration				[0], FC0A0, [HQ], [12]			

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

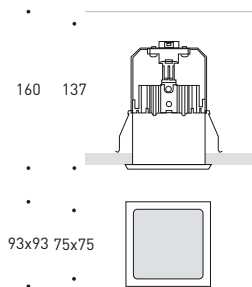
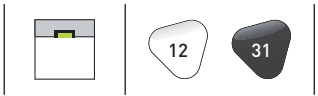


Accessories (pg. 067).
Photometric data (pg. 748).



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

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



6 W				700 lm			
LED	driver reference	optics reference	beam width	lumen reference			finish reference
				nom. lm	K	CRI	
[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]			

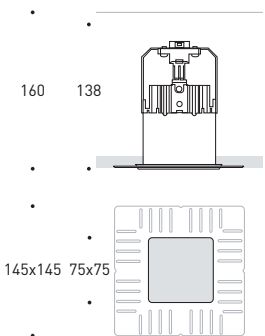
8 W		975 lm						
LED	driver reference	optics reference	beam width		lumen reference			finish reference
					nom. lm	K	CRI	
[Ø] [V] [D] [T]		DCØCØ	106°	96° 142°	[HW]	637	3000 >90	[12]
					[HQ]	765	3000 >90	[31]
					[WW]	880	3000 >85	
					[NN]	975	4000 >85	
		spacers (pg. 067)						
possible configuration					[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).



6 W		700 lm					
LED	driver reference	optics reference	beam width		lumen reference		finish reference
[Ø] [V] [D] [T]		FCØBØ	↔ ↑ ↓ 106° 96° 142°		nom. lm	K	CRI
			[HW]		450	2700	>90
			[HQ]		570	3000	>90
			[WW]		650	3000	>85
			[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			finish reference
[Ø] [V] [D] [T]		FCØCØ	↔ ↑ ↓ 106° 96° 142°		nom. lm	K	CRI	[12] [31]
			[HW]	637	3000	>90		
			[HQ]	765	3000	>90		
			[WW]	880	3000	>85		
			[NN]	975	4000	>85		
		spacers (pg. 067)						
possible configuration					[Ø] FCØCØ [HQ] [12]			

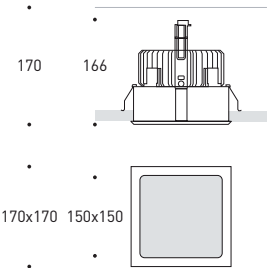
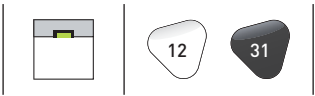
Every Trybeca product will come with a full set of spacers for the three positions: flush, recessed and drop.

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



12 W*
24 W*

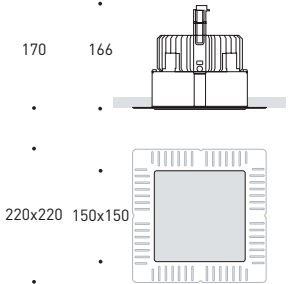
1460 lm
2565 lm

LED	driver reference	optics reference	beam width	lumen reference			finish reference
				nom. lm	K	CRI	
[Ø]		DCØEØ	106° 108° 104° 120°	[HW] 971 1637	2700	>90	[12] [31]
[V]			spacers (pg. 067)	[HQ] 1155 2030	3000	>90	
[D]				[WW] 1320 2470	3000	>85	
[T]				[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.



12 W*
24 W*

1460 lm
2565 lm

LED	driver reference	optics reference	beam width	lumen reference			finish reference
				nom. lm	K	CRI	
[Ø]		FCØEØ	106° 108° 104° 120°	[HW] 971 1637	2700	>90	[12] [31]
[V]			spacers (pg. 067)	[HQ] 1155 2030	3000	>90	
[D]				[WW] 1320 2470	3000	>85	
[T]				[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



flush ↔ 0 mm



recessed ↑ -15 mm



drop ↓ 24 mm

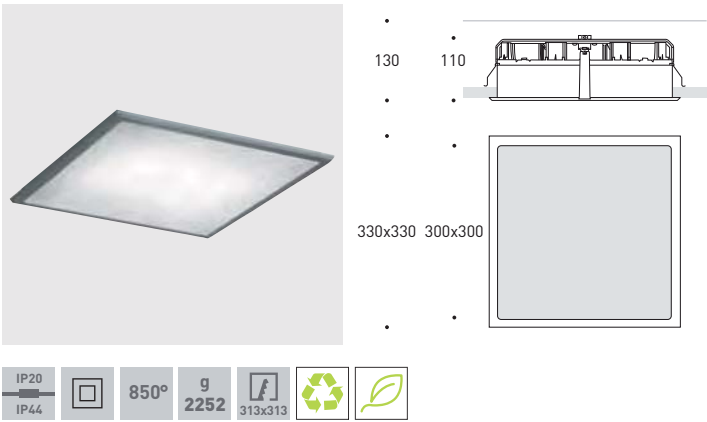
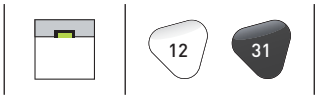


Accessories (pg. 067).
Photometric data (pg. 751-752).



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

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

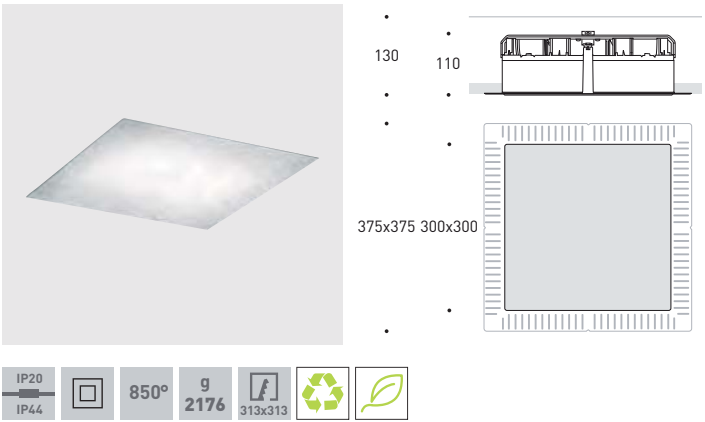


32 W			4105 lm							
LED	driver reference	optics reference	beam width		lumen reference			finish reference		
					nom. lm	K	CRI			
[Ø] [V] [D]	DCØLØ	↔ ↑ 110° 106° 116° ↓ 		[HW]	2913	2700	>90	[12]		
				[HQ]	3500	3000	>90	[31]		
				[WW]	4012	3000	>80			
				[NN]	4105	4000	>80			
spacers (pg. 067)			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



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



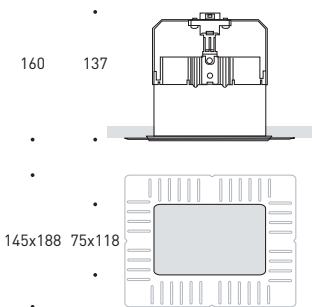
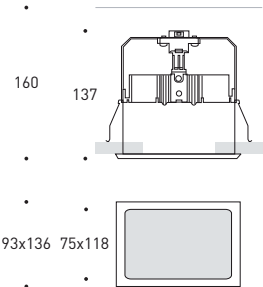
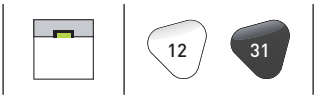
32 W			4106 lm						
LED	driver reference	optics reference	beam width		lumen reference			finish reference	
					nom. lm	K	CRI		
Ø	FCØLØ	↔ ↑ ↓ 110° 106° 116° 	HW	2913	2700	>90	12		
			HQ	3500	3000	>90	31		
			WW	4012	3000	>80			
			NN	4105	4000	>80			
spacers (pg. 067)									
V									
D									
possible configuration					Ø, FCØLØ, HQ, 12				

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

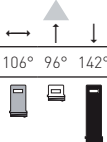


Accessories (pg. 067).
Photometric data (pg. 753).

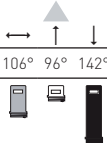
Rectangular fixed recessed projector (with bezel or trimless) and remote driver



6 W		700 lm						
LED	driver reference	optics reference	beam width	lumen reference			finish reference	
				nom. lm	K	CRI		
Ø V D T		GCØBØ	106° 96° 142° 	HW	450	2700	>90	12
				HQ	570	3000	>90	31
				WW	650	3000	>85	
				NN	700	4000	>85	
spacers (pg. 067)								
possible configuration				Ø GCØBØ HQ 12				

6 W		700 lm						
LED	driver reference	optics reference	beam width		lumen reference			finish reference
					nom. lm	K	CRI	
Ø V D T		HCØBØ	106° 96° 142°	HW	450	2700	>90	12
				HQ	570	3000	>90	31
				WW	650	3000	>85	
				NN	700	4000	>85	
spacers (pg. 067)								
possible configuration					Ø , HCØBØ, HQ , 12			

8 W		975 lm								
LED	driver reference	optics reference	beam width	lumen reference			finish reference			
				nom. lm	K	CRI				
[Ø] [V] [D] [T]		GCØCØ	106° 96° 142°	[HW]	637	2700	>90	[12]		
				[HQ]	765	3000	>90	[31]		
				[WW]	880	3000	>85			
				[NN]	975	4000	>85			
spacers (pg. 067)										
possible configuration				[Ø]-GCØCØ-[HQ]-[12]						

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

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.

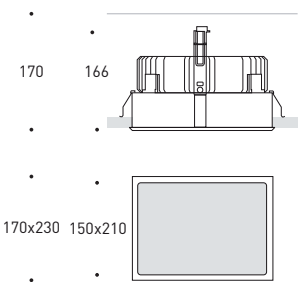
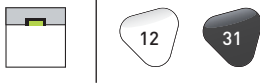


Accessories (pg. 067).
Photometric data (pg. 754-755).



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

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

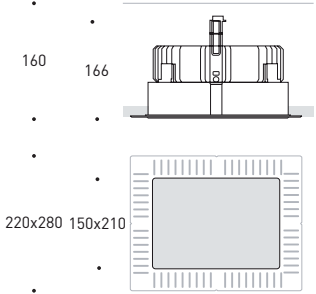


12 W* 24 W*		1460 lm 2565 lm					
LED	driver reference	optics reference	beam width	lumen reference		finish reference	
				nom. lm	K	CRI	
[Ø]		GCØEØ	106° 108°	[HW]	971 1637	2700 >90	[12] [31]
[V]				[HQ]	1155 2030	3000 >90	
[D]				[WW]	1320 2470	3000 >85	
[T]			spacers (pg. 067)	[NN]	1460 2565	4000 >85	
possible configuration				[Ø] 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.



12 W* 24 W*				1460 lm 2565 lm				
LED	driver reference	optics reference	beam width	lumen reference			finish reference	
				nom. lm	K	CRI		
		HC0E0	106° 108°		971 1637	2700	>90	 
					1155 2030	3000	>90	
					1320 2470	3000	>85	
			spacers (pg. 067)		1460 2565	4000	>85	
possible configuration				 HC0E0  				

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.

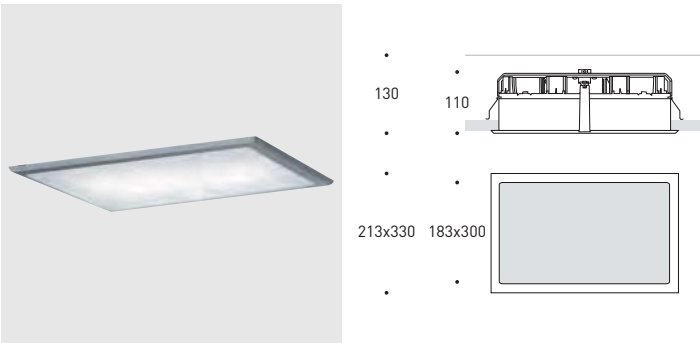
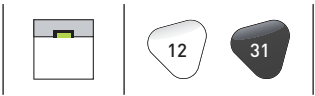


Accessories (pg. 067).
Photometric data (pg. 756-757).



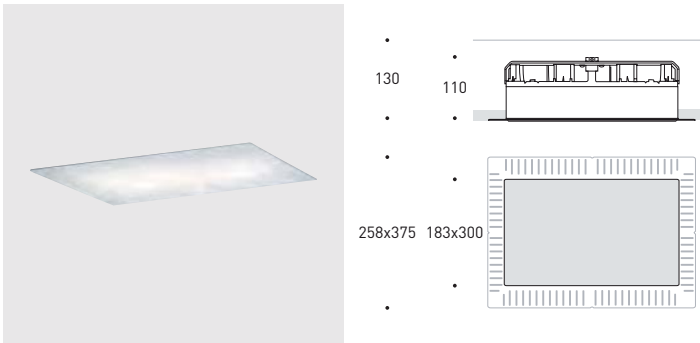
Accessories (pg. 067).
Photometric data (pg. 756-757).

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



21 W				2613 lm								
LED	driver reference	optics reference	beam width	lumen reference			finish reference					
					nom. lm	K	CRI					
Ø	V	D	GCØFØ	↔	110°	106°	116°	HW	1789	2700	>90	12
				HQ				2150	3000	>90	31	
				WW				2436	3000	>80		
				NN				2613	4000	>80		
				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.



21 W				2613 lm						
LED	driver reference	optics reference	beam width	lumen reference			finish reference			
				nom. lm	K	CRI				
Ø	V	D	HCØFØ	110° 106° 116°	HW	1789	2700	>90	12	
				HQ	2150	3000	>90	31		
				WW	2436	3000	>80			
				NN	2613	4000	>80			
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.

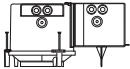
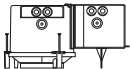
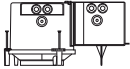


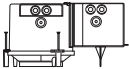
Accessories (pg. 067).
Photometric data (pg. 758).



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

Accessories
LED

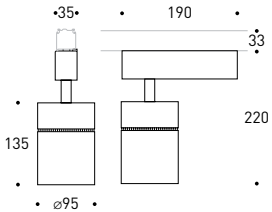
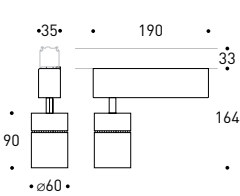
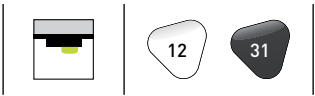
TRYBECA	38	 	details	reference	finish reference
			formwork to install in reinforced concrete and masonry	0.40190.00	00
					
			plastic spacer set to position diffuser – recessed/flush/drop	1.38223.00	00
					
possible configuration				0.40190.00	00
TRYBECA	75	 	details	reference	finish reference
			formwork to install in reinforced concrete and masonry	0.40191.00	00
					
			plastic spacer set to position diffuser – recessed/flush/drop	1.37824.00	00
					
possible configuration				0.40191.00	00
TRYBECA	75		details	reference	finish reference
			formwork to install in reinforced concrete and masonry	0.40192.00	00
					
			plastic spacer set to position diffuser – recessed/flush/drop	1.37824.00	00
					
possible configuration				0.40192.00	00

TRYBECA	150	 	details	reference	finish reference
			formwork to install in reinforced concrete and masonry	0.40193.00	00
					
			plastic spacer set to position diffuser – recessed/flush/drop	1.38224.00	00
					
possible configuration				0.40193.00	00
TRYBECA	300	 	details	reference	finish reference
			plastic spacer set to position diffuser – recessed/flush/drop	1.38410.00	00
					
possible configuration				1.38410.00	00



YORI SYSTEM

Projector for 3-circuit track mounting



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]				



13 W		1500 lm				
LED	driver reference	product reference	optics reference	lumen reference		
			IOS LL2 ▲	nom. lm	K	CRI
[Ø]	TD93		[A] 11°	[HW] 1148	2700	>90
			[B] 15°	[HQ] 1221	3000	>90
[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		
			IOS LL2 ▲	nom. lm	K	CRI
[Ø]	TD95		[A] 11°	[HW] 1916	2700	>90
			[B] 15°	[HQ] 2038	3000	>90
[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]		

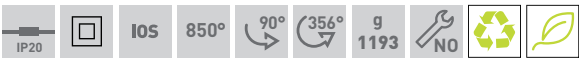
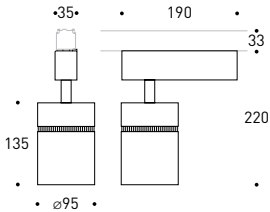


Accessories (pg. 115). Components for track (pg. 548-549).
Photometric data (pg. 702).



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

Projector for 3-circuit track mounting

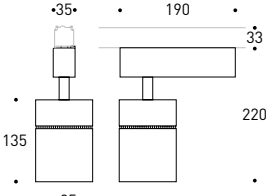
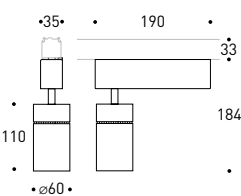
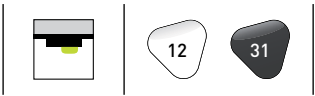


30 W			3500 lm					
LED	driver reference	product reference	optics reference		lumen reference		finish reference	
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	TD97	A	11°	HW	2767	2700	>90	12
		B	15°	HQ	2944	3000	>90	31
T		C	21°	WW	3617	3000	>80	
		D	29°	NN	3798	4000	>80	
		E	51°					
		K	without optics					
possible configuration				Ø, TD97A, HQ, 10				



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

Projector for 3-circuit track mounting



MH	CDM-Rm GX10	lamp with built-in reflector	finish reference
20 W	0.25150.00	/	12
35 W	0.25151.00	/	31
50 W	0.25152.00	/	
possible configuration		0.25150.00 12	

MH IOS	MT (OSRAM / GE) GU6.5	IOS MH1 optics	finish reference
20 W	0.25251.00	14°	12
	0.25252.00	28°	31
	0.25253.00	50°	
	0.25254.00	Mira: α61°/β20°	
35 W	0.25261.00	14°	12
	0.25262.00	28°	31
	0.25263.00	50°	
	0.25264.00	Mira: α61°/β20°	
possible configuration		0.25251.00 12	

MH IOS	MT (PHILIPS) GU6.5	IOS MH1 optics	finish reference
50 W	0.25271.00	14°	12
	0.25272.00	28°	31
	0.25273.00	54°	
	0.25274.00	Mira: α61°/β20°	
possible configuration		0.25271.00 12	

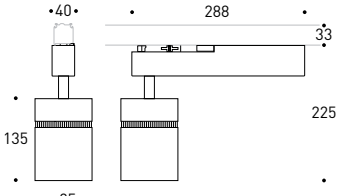
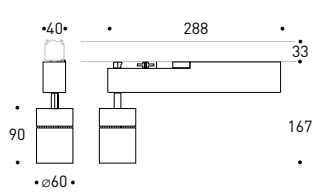


Accessories (pg. 116). Components for track (pg. 548-549).



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

Projector for 3-circuit DALI track mounting



10 W		1000 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference
			IOS LL1 ▲	nom. lm	K	CRI	
[Ø]	UD92	[1]	15°	[HW]	803	2700 >90	[12]
		[2]	29°	[HQ]	873	3000 >90	[31]
[V]		[3]	47°	[WW]	1044	3000 >80	
[D]		[K]	without optics	[NN]	1166	4000 >80	
possible configuration				[Ø]-UD92-[1]-[HQ]-[12]			

13 W		1500 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference
			IOS LL2 ▲	nom. lm	K	CRI	
[Ø]	UD93	[A]	11°	[HW]	1148	2700 >90	[12]
		[B]	15°	[HQ]	1221	3000 >90	[31]
[V]		[C]	21°	[WW]	1500	3000 >80	
[D]		[D]	29°	[NN]	1661	4000 >80	
		[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			finish reference
			IOS LL2 ▲	nom. lm	K	CRI	
[Ø]	UD95	[A]	11°	[HW]	1916	2700 >90	[12]
		[B]	15°	[HQ]	2038	3000 >90	[31]
[V]		[C]	21°	[WW]	2650	3000 >80	
[D]		[D]	29°	[NN]	2759	4000 >80	
		[E]	51°				
		[K]	without optics				
possible configuration				[Ø]-UD95-[A]-[HQ]-[12]			

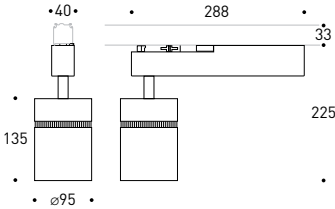
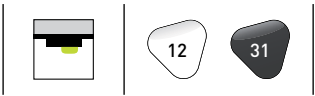


Accessories (pg. 115). Components for track (pg. 553).
Photometric data (pg. 702).



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

Projector for DALI 3-circuit track mounting

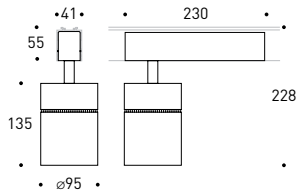
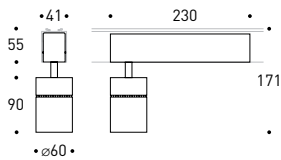
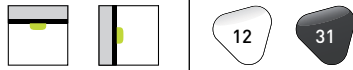


30 W			3500 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
			IOS LL2	▲	nom. lm	K	CRI		
[Ø]	UD97	[A]	11°	[HW]	2767	2700	>90	[12]	
		[B]	15°	[HQ]	2944	3000	>90	[31]	
[V]		[C]	21°	[WW]	3617	3000	>80		
[D]		[D]	29°	[NN]	3798	4000	>80		
		[E]	51°						
		[K]	without optics						
possible configuration					[Ø], UD97 [A], [HQ], [10]				



Accessories [pg. 115]. Components for track [pg. 553].
Photometric data [pg. 712-713].

Projector for surface-mounted and trimless rail



10 W		1000 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL1 ▲		nom. lm	K	CRI	
[Ø]	VD92	[1]	15°	[HW]	803	2700	>90	[12]
		[2]	29°	[HQ]	873	3000	>90	[31]
[V]		[3]	47°	[WW]	1044	3000	>80	
[D]		[K]	without optics	[NN]	1166	4000	>80	
[T]								
possible configuration					[Ø] VD92 [1] [HQ] [12]			

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

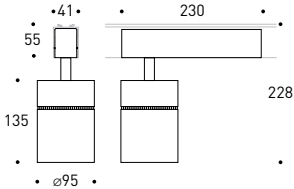
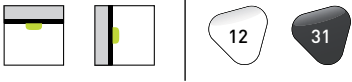
22 W			2500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2	▲	nom. lm	K	CRI	
[Ø]	VD95	[A]	11°	[HW]	1916	2700	>90	[12]
		[B]	15°	[HQ]	2038	3000	>90	[31]
[V]		[C]	21°	[WW]	2650	3000	>80	
[D]		[D]	29°	[NN]	2759	4000	>80	
[E]		[E]	51°					
[K]		[K]	without optics					
possible configuration					[Ø] VD95 [A] [HQ] [12]			



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

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			finish reference
			IOS LL2	▲	nom. lm	K	CRI	
Ø	VD97	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, VD97, A, HQ, 10			

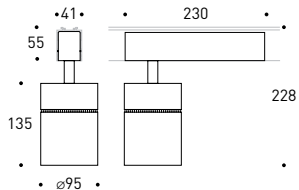
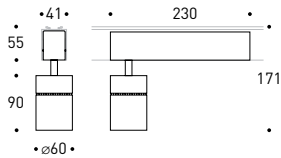
LED IOS LL2

LED IOS LL2 FOOD

3 HOUR

Accessories [pg. 115]. Components for mounting rail [pg. 118-125].
Photometric data [pg. 712-713].

Projector for surface-mounted and trimless rail



MH	CDM-Rm GX10	lamp with built-in reflector	finish reference
20 W	Ø.25170.00	/	[12]
35 W	Ø.25171.00	/	[31]
50 W	Ø.25172.00	/	
possible configuration		Ø.25170.00 [12]	

MH IOS	MT (OSRAM / GE) GU6.5	IOS MH1 optics	finish reference
20 W	Ø.25311.00	14°	[12]
	Ø.25312.00	28°	[31]
	Ø.25313.00	50°	
	Ø.25314.00	Mira: α61°/β20°	
35 W	Ø.25321.00	14°	[12]
	Ø.25322.00	28°	[31]
	Ø.25323.00	50°	
	Ø.25324.00	Mira: α61°/β20°	
possible configuration		Ø.25311.00 [12]	

MH IOS	MT (PHILIPS) GU6.5	IOS MH1 optics	finish reference
50 W	Ø.25331.00	14°	[12]
	Ø.25332.00	28°	[31]
	Ø.25333.00	54°	
	Ø.25334.00	Mira: α61°/β20°	
possible configuration		Ø.25331.00 [12]	



Accessories [pg. 116]. Components for mounting rail [pg. 118-125].



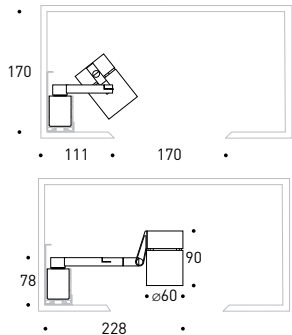
Accessories [pg. 116]. Components for mounting rail [pg. 118-125]. Photometric data [pg. 766].

Projector with extendable arm for surface-mounted rail

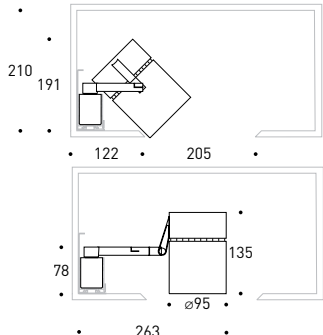


12

31



10 W		1000 lm				
LED	driver reference	product reference	optics reference	lumen reference		
			IOS LL1 ▲	nom. lm	K	CRI
[Ø]	ZD92	[1]	15°	[HW]	803	2700 >90
			29°	[HQ]	873	3000 >90
			47°	[WW]	1044	3000 >80
			[K] without optics	[NN]	1166	4000 >80
[V]						
[D]						
[T]						
possible configuration				[Ø] ZD92 [1] [HQ] [12]		



13 W		1500 lm				
LED	driver reference	product reference	optics reference	lumen reference		
			IOS LL2 ▲	nom. lm	K	CRI
[Ø]	ZD93	[A]	11°	[HW]	1148	2700 >90
			15°	[HQ]	1221	3000 >90
			21°	[WW]	1500	3000 >80
			29°	[NN]	1661	4000 >80
[V]						
[D]						
[T]						
possible configuration				[Ø] ZD93 [A] [HQ] [12]		

22 W		2500 lm				
LED	driver reference	product reference	optics reference	lumen reference		
			IOS LL2 ▲	nom. lm	K	CRI
[Ø]	ZD95	[A]	11°	[HW]	1916	2700 >90
			15°	[HQ]	2038	3000 >90
			21°	[WW]	2650	3000 >80
			29°	[NN]	2759	4000 >80
[V]						
[D]						
[T]						
possible configuration				[Ø] ZD95 [A] [HQ] [12]		

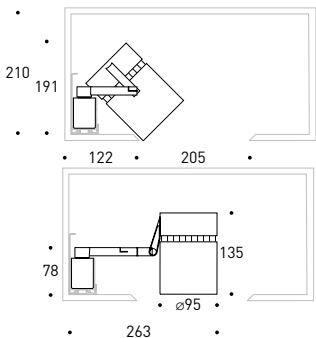


Accessories (pg. 115). Components for mounting rail (pg. 118-125).
Photometric data (pg. 702).



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

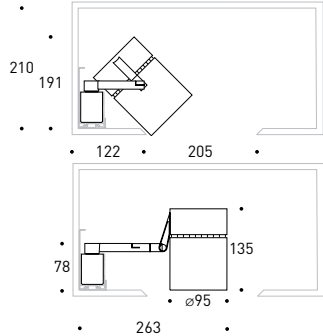
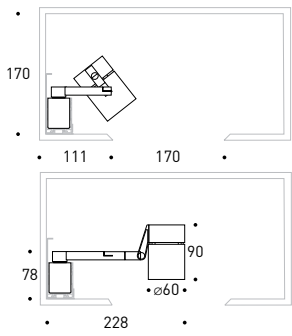
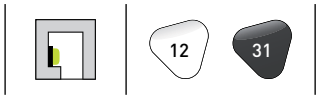
Projector with extendable arm for surface-mounted rail



30 W		3500 lm						
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲	nom. lm	K	CRI		
[Ø]	ZD97	[A]	11°	[HW]	2767	2700	>90	[12]
		[B]	15°	[HQ]	2944	3000	>90	[31]
[V]		[C]	21°	[WW]	3617	3000	>80	
[D]		[D]	29°	[NN]	3798	4000	>80	
		[E]	51°					
		[K]	without optics					
possible configuration				[Ø] ZD97 [A] [HQ] [10]				

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

Projector with extendable arm for surface-mounted rail



MH		CDM-Rm GX10	lamp with built-in reflector	finish reference
20 W		0.25190.00	/	[12]
35 W		0.25191.00	/	[31]
50 W		0.25192.00	/	
possible configuration		0.25150.00 [12]		

MH IOS		MT [OSRAM / GE] GU6.5	IOS MH1 optics	finish reference
20 W		0.25041.00	14°	[12]
		0.25042.00	28°	[31]
		0.25043.00	50°	
		0.25044.00	Mira: α61°/β20°	
35 W		0.25046.00	14°	[12]
		0.25047.00	28°	[31]
		0.25048.00	50°	
		0.25049.00	Mira: α61°/β20°	
possible configuration		0.25041.00 [12]		

MH IOS		MT (PHILIPS) GU6.5	IOS MH1 optics	finish reference
50 W		0.25051.00	14°	[12]
		0.25052.00	28°	[31]
		0.25053.00	54°	
		0.25054.00	Mira: α61°/β20°	
possible configuration		0.25051.00 [12]		

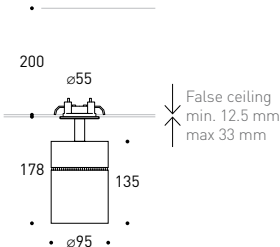
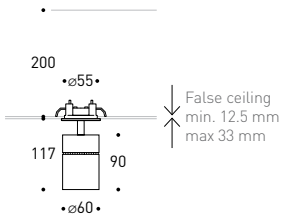
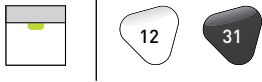


Accessories [pg. 116]. Components for mounting rail [pg. 118-125].



Accessories [pg. 116]. Components for mounting rail [pg. 118-125].
Photometric data [pg. 766].

Ceiling-mounted projector with remote driver



10 W			1000 lm				
LED	driver reference	product reference	optics reference		lumen reference		finish reference
			IOS LL1 ▲		nom. lm	K CRI	
[Ø]	RD92	[1]	15°	[HW]	803	2700 >90	[12]
		[2]	29°	[HQ]	873	3000 >90	[31]
[V]		[3]	47°	[WW]	1044	3000 >80	
[D]		[K]	without optics	[NN]	1166	4000 >80	
[T]							
possible configuration				[Ø] RD92 [1] [HQ] [12]			

13 W		1500 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI
Ø	RD93	A	11°	HW	1148	2700	>90
		B	15°	HQ	1221	3000	>90
V		C	21°	WW	1500	3000	>80
D		D	29°	NN	1661	4000	>80
		E	51°				
T		K	without optics				
possible configuration				Ø, RD93, 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	RD95	A	11°	HW	1916	2700	>90	12	
		B	15°	HQ	2038	3000	>90	31	
	C	21°	WW	2650	3000	>80			
	D	29°	NN	2759	4000	>80			
	E	51°							
	K	without optics							
possible configuration				Ø, RD95, A, HQ, 12					

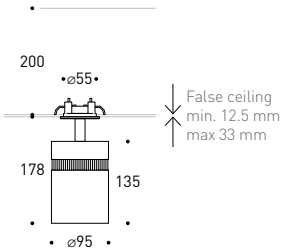
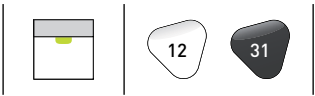


Accessories (pg. 115).
Photometric data (pg. 702).



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

Ceiling-mounted projector with remote driver

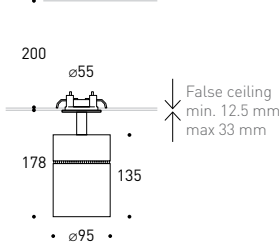
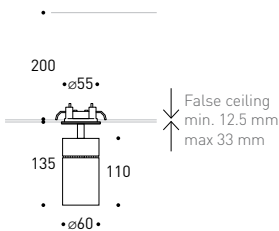
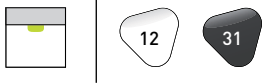


30 W			3500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2	▲	nom. lm	K	CRI	
Ø	RD97	A	11°	HW	2767	2700	>90	12
		B	15°	HQ	2944	3000	>90	31
V		C	21°	WW	3617	3000	>80	
		D	29°	NN	3798	4000	>80	
D		E	51°					
		K	without optics					
possible configuration					Ø, RD97, A, HQ, 10			



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

Ceiling-mounted projector with remote driver



MH	CDM-Rm GX10	lamp with built-in reflector	finish reference
20 W	Ø.25125.00	/	[12]
35 W	Ø.25126.00	/	[31]
possible configuration		Ø.25125.00[12]	

MH IOS	MT (OSRAM / GE) GU6.5	IOS MH1 optics	finish reference
20 W	Ø.25156.00	14°	[12]
	Ø.25157.00	28°	[31]
	Ø.25158.00	50°	
	Ø.25159.00	Mira: α61° / β20°	
possible configuration		Ø.25156.00[12]	

MH IOS	MT (PHILIPS) GU6.5	IOS MH1 optics	finish reference
35 W	Ø.25176.00	14°	[12]
	Ø.25177.00	28°	[31]
	Ø.25178.00	54°	
	Ø.25179.00	Mira: α61° / β20°	
possible configuration		Ø.25176.00[12]	

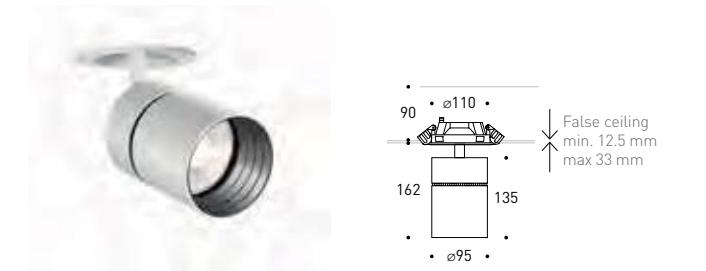
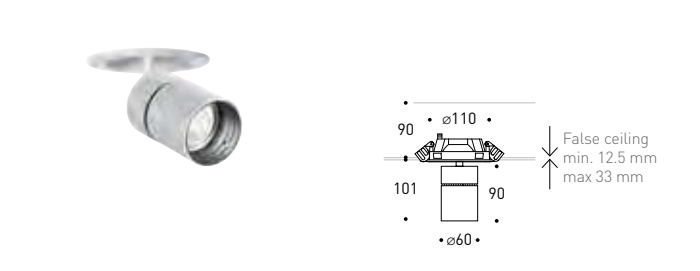
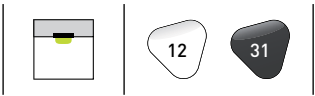


Accessories (pg. 116).



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

Semi-recessed ceiling-mounted projector with remote driver



10 W		1000 lm				
LED	driver reference	product reference	optics reference	lumen reference		
			IOS LL1 ▲	nom. lm	K	CRI
[Ø]	ND92	[1]	15°	[HW]	803	2700 >90
			29°	[HQ]	873	3000 >90
			47°	[WW]	1044	3000 >80
			[K]	[NN]	1166	4000 >80
[V]			without optics			
[D]						
[T]						
possible configuration				[Ø] ND92 [1] [HQ] [12]		

13 W		1500 lm				
LED	driver reference	product reference	optics reference	lumen reference		
			IOS LL2 ▲	nom. lm	K	CRI
[Ø]	ND93	[A]	11°	[HW]	1148	2700 >90
			15°	[HQ]	1221	3000 >90
			21°	[WW]	1500	3000 >80
			29°	[NN]	1661	4000 >80
[V]			51°			
[D]			without optics			
[T]						
possible configuration				[Ø] ND93 [A] [HQ] [12]		

22 W		2500 lm				
LED	driver reference	product reference	optics reference	lumen reference		
			IOS LL2 ▲	nom. lm	K	CRI
[Ø]	ND95	[A]	11°	[HW]	1916	2700 >90
			15°	[HQ]	2038	3000 >90
			21°	[WW]	2650	3000 >80
			29°	[NN]	2759	4000 >80
[V]			51°			
[D]			without optics			
[T]						
possible configuration				[Ø] ND95 [A] [HQ] [12]		

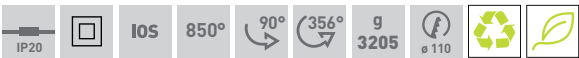
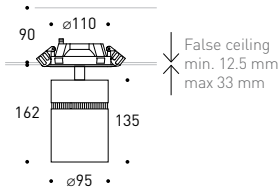


Accessories (pg. 115).
Photometric data (pg. 702).



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

Semi-recessed ceiling-mounted projector with remote driver

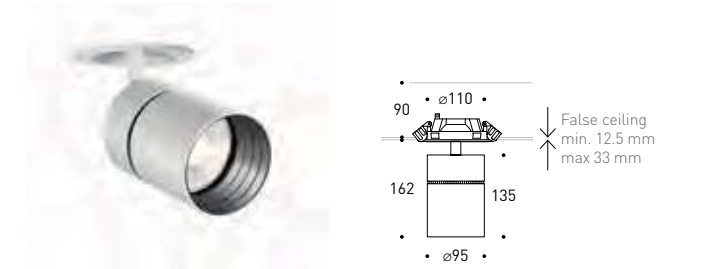
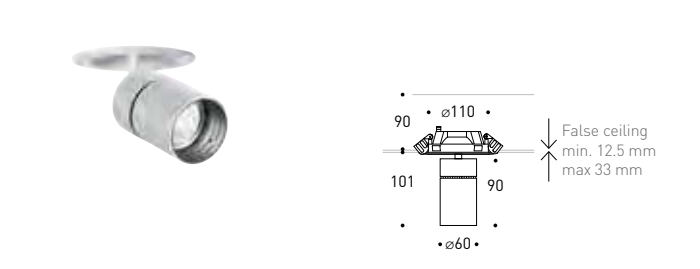
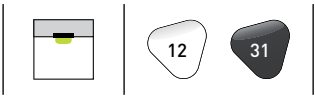


30 W			3500 lm				
LED	driver reference	product reference	optics reference	lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI
[Ø]	ND97	[A]	11°	[HW]	2767	2700	>90
		[B]	15°	[HQ]	2944	3000	>90
		[C]	21°	[WW]	3617	3000	>80
		[D]	29°	[NN]	3798	4000	>80
		[E]	51°				
[V]							
[D]			[K] without optics				
possible configuration				[Ø] ND97 [A] [HQ] [10]			



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

Semi-recessed ceiling-mounted projector with remote driver



MH	CDM-Rm GX10	lamp with built-in reflector	finish reference
20 W	Ø.25115.00	/	[12]
35 W	Ø.25116.00	/	[31]
possible configuration		Ø.25115.00 [12]	

MH IOS	MT (OSRAM / GE) GU6.5	IOS MH1 optics	finish reference
20 W	Ø.25306.00	14°	[12]
	Ø.25307.00	28°	[31]
	Ø.25308.00	50°	
	Ø.25309.00	Mira: α61°/β20°	
possible configuration		Ø.25306.00 [12]	

MH IOS	MT (PHILIPS) GU6.5	IOS MH1 optics	finish reference
35 W	Ø.25316.00	14°	[12]
	Ø.25317.00	28°	[31]
	Ø.25318.00	54°	
	Ø.25319.00	Mira: α61°/β20°	
possible configuration		Ø.25316.00 [12]	

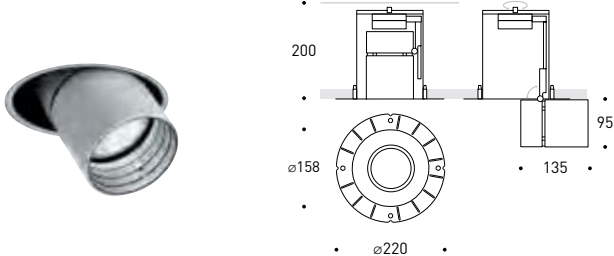
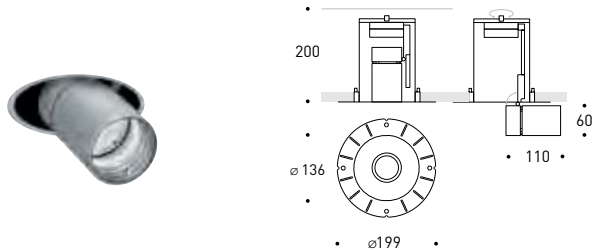


Accessories (pg. 116).



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

Trimless recessed round projector with remote driver



10 W		1000 lm							
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
€			IOS LL1 ▲		nom. lm	K	CRI		
000,00	[Ø]	BD92	[1]	15°	[HW]	803	2700	>90	[12]
			[2]	29°	[HQ]	873	3000	>90	[31]
000,00	[V]		[3]	47°	[WW]	1044	3000	>80	
000,00	[D]		[K]	without optics	[NN]	1166	4000	>80	
000,00	[T]								
possible configuration					[Ø] BD92 [1] [HQ] [12]				

13 W				1500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
€			IOS LL2 ▲		nom. lm	K	CRI		
000,00	[Ø]	BD93	[A]	11°	[HW]	1148	2700	>90	[12]
			[B]	15°	[HQ]	1221	3000	>90	[31]
000,00	[V]		[C]	21°	[WW]	1500	3000	>80	
			[D]	29°	[NN]	1661	4000	>80	
000,00	[D]		[E]	51°					
			[K]	without optics					
000,00	[T]								
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		
000,00	[Ø]	BD95	[A]	11°	[HW]	1916	2700	>90	[12]
			[B]	15°	[HQ]	2038	3000	>90	[31]
000,00	[V]		[C]	21°	[WW]	2650	3000	>80	
			[D]	29°	[NN]	2759	4000	>80	
000,00	[D]		[E]	51°					
000,00	[T]		[K]	without optics					
possible configuration					[Ø] BD95 [A] [HQ] [12]				

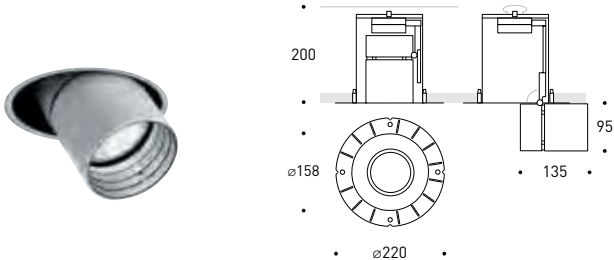
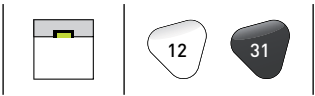


Accessories (pg. 115).



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

Trimless recessed round projector with remote driver

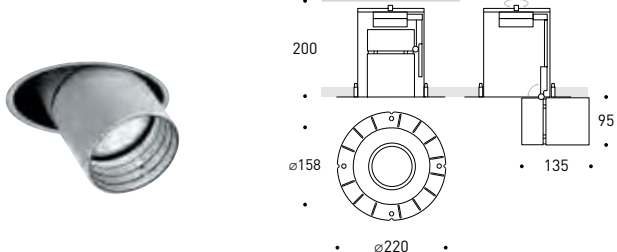
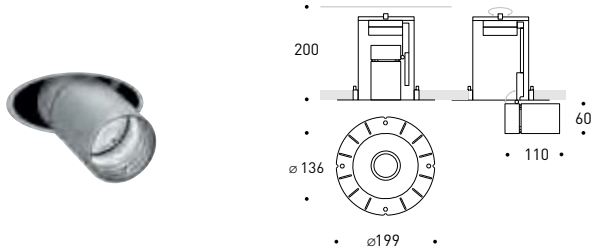


30 W			3500 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
€			IOS LL2 ▲		nom. lm	K	CRI		
000,00	[Ø]	BD97	[A]	11°	[HW]	2767	2700	>90	[12]
			[B]	15°	[HQ]	2944	3000	>90	[31]
000,00	[V]		[C]	21°	[WW]	3617	3000	>80	
			[D]	29°	[NN]	3798	4000	>80	
000,00	[D]		[E]	51°					
			[K]	without optics					
possible configuration					[Ø] BD97 [A] [HQ] [10]				



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

Trimless recessed round projector with remote driver



MH	CDM-Rm GX10	lamp with built-in reflector	finish reference
€ 20 W	0.25601.00	/	[12]
€ 35 W	0.25602.00	/	[31]
possible configuration		0.25601.00[12]	

MH IOS	MT (OSRAM / GE) GU6.5	IOS MH1 optics	finish reference
€ 20 W	0.25641.00	14°	[12]
€ 20 W	0.25642.00	28°	[31]
€ 20 W	0.25643.00	50°	
€ 20 W	0.25644.00	Mira: α61°/β20°	
possible configuration		0.25641.00[12]	

MH IOS	MT (PHILIPS) GU6.5	IOS MH1 optics	finish reference
€ 35 W	0.25741.00	14°	[12]
€ 35 W	0.25742.00	28°	[31]
€ 35 W	0.25743.00	54°	
€ 35 W	0.25744.00	Mira: α61°/β20°	
possible configuration		0.25741.00[12]	

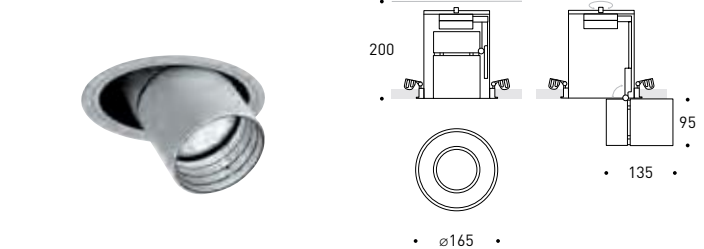
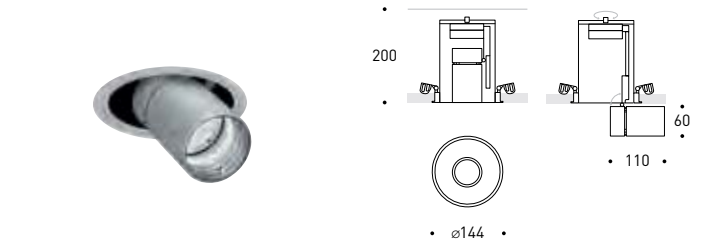
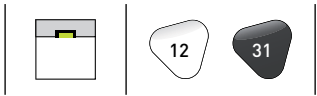


Accessories [pg. 116].



Accessories [pg. 116].
Photometric data [pg. 766].

Trimless recessed round projector with remote driver



10 W		1000 lm				
LED	driver reference	product reference	optics reference	lumen reference		
€			IOS LL1 ▲	nom. lm	K	CRI
000,00	[Ø]	CD92	[1] 15°	[HW] 803	2700	>90
			[2] 29°	[HQ] 873	3000	>90
000,00	[V]		[3] 47°	[WW] 1044	3000	>80
000,00	[D]		[K] without optics	[NN] 1166	4000	>80
000,00	[T]					
possible configuration				[Ø] CD92 [1] [HQ] [12]		

13 W		1500 lm				
LED	driver reference	product reference	optics reference	lumen reference		
€			IOS LL2 ▲	nom. lm	K	CRI
000,00	[Ø]	CD93	[A] 11°	[HW] 1148	2700	>90
			[B] 15°	[HQ] 1221	3000	>90
000,00	[V]		[C] 21°	[WW] 1500	3000	>80
000,00	[D]		[D] 29°	[NN] 1661	4000	>80
000,00	[T]		[K] without optics			
possible configuration				[Ø] CD93 [A] [HQ] [12]		

22 W		2500 lm				
LED	driver reference	product reference	optics reference	lumen reference		
€			IOS LL2 ▲	nom. lm	K	CRI
000,00	[Ø]	CD95	[A] 11°	[HW] 1916	2700	>90
			[B] 15°	[HQ] 2038	3000	>90
000,00	[V]		[C] 21°	[WW] 2650	3000	>80
000,00	[D]		[D] 29°	[NN] 2759	4000	>80
000,00	[T]		[K] without optics			
possible configuration				[Ø] CD95 [A] [HQ] [12]		

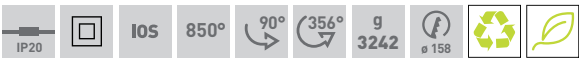
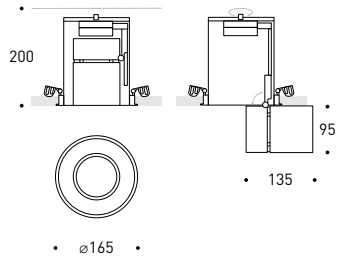


Accessories (pg. 115).



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

Trimless recessed round projector with remote driver

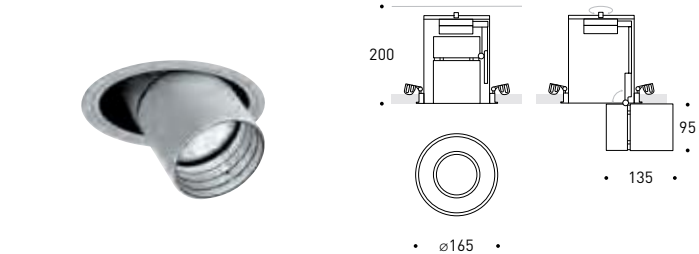
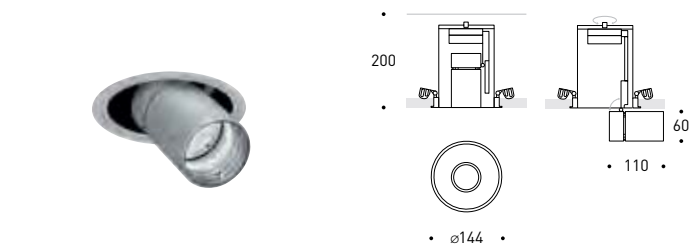
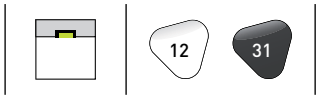


30 W			3500 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
€			IOS LL2 ▲		nom. lm	K	CRI		
000,00	[Ø]	CD97	[A]	11°	[HW]	2767	2700	>90	[12]
			[B]	15°	[HQ]	2944	3000	>90	[31]
000,00	[V]		[C]	21°	[WW]	3617	3000	>80	
			[D]	29°	[NN]	3798	4000	>80	
000,00	[D]		[E]	51°					
			[K]	without optics					
possible configuration					[Ø] CD97 [A] [HQ] [10]				



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

Trimless recessed round projector with remote driver



MH		CDM-Rm GX10	lamp with built-in reflector	finish reference
€	20 W		▲	
000,00		0.25606.00	/	[12]
	35 W			[31]
000,00		0.25607.00	/	
	possible configuration		0.25606.00 [12]	

MH IOS		MT (OSRAM / GE) GU6.5	IOS MH1 optics	finish reference
€	20 W		▲	
000,00		0.25646.00	14°	[12]
000,00		0.25647.00	28°	[31]
000,00		0.25648.00	50°	
000,00		0.25649.00	Mira: α61°/β20°	
	possible configuration		0.25646.00 [12]	

MH IOS		MT (PHILIPS) GU6.5	IOS MH1 optics	finish reference
€	35 W		▲	
000,00		0.25746.00	14°	[12]
000,00		0.25747.00	28°	[31]
000,00		0.25748.00	54°	
000,00		0.25749.00	Mira: α61°/β20°	
	possible configuration		0.25746.00 [12]	

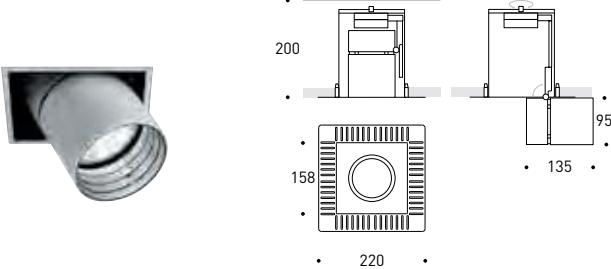
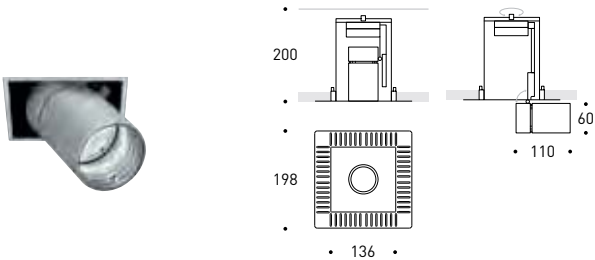


Accessories (pg. 116).



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

Trimless recessed square projector with remote driver



10 W		1000 lm					
LED	driver reference	product reference	optics reference		lumen reference		
		IOS LL1 ▲			nom. lm	K	CRI
€		DD92	1	15°	HW	803	2700 >90
000,00	Ø		2	29°	HQ	873	3000 >90
000,00	V		3	47°	WW	1044	3000 >80
000,00	D		K	without optics	NN	1166	4000 >80
000,00	T						
possible configuration					Ø DD92 1 HQ 12		

13 W		1500 lm					
LED	driver reference	product reference	optics reference		lumen reference		
		IOS LL2 ▲			nom. lm	K	CRI
€		DD93	A	11°	HW	1148	2700 >90
000,00	Ø		B	15°	HQ	1221	3000 >90
000,00	V		C	21°	WW	1500	3000 >80
000,00	D		D	29°	NN	1661	4000 >80
000,00	T		E	51°			
000,00			K	without optics			
possible configuration					Ø DD93 A HQ 12		

22 W		2500 lm					
LED	driver reference	product reference	optics reference		lumen reference		
		IOS LL2 ▲			nom. lm	K	CRI
€		DD95	A	11°	HW	1916	2700 >90
000,00	Ø		B	15°	HQ	2038	3000 >90
000,00	V		C	21°	WW	2650	3000 >80
000,00	D		D	29°	NN	2759	4000 >80
000,00	T		E	51°			
000,00			K	without optics			
possible configuration					Ø DD95 A HQ 12		

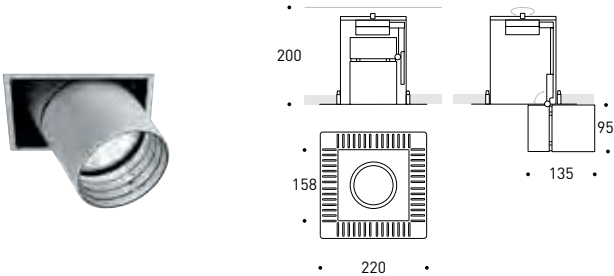
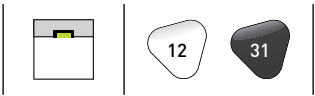


Accessories [pg. 115].



Accessories [pg. 115].
Photometric data [pg. 704-705 / 708-709].

Trimless recessed square projector with remote driver

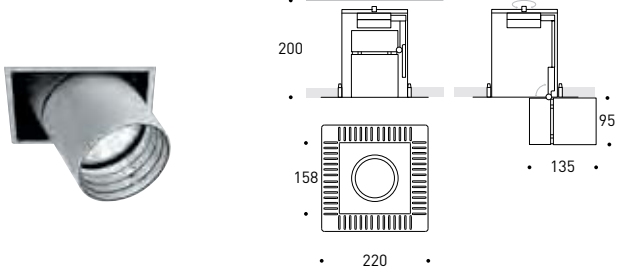
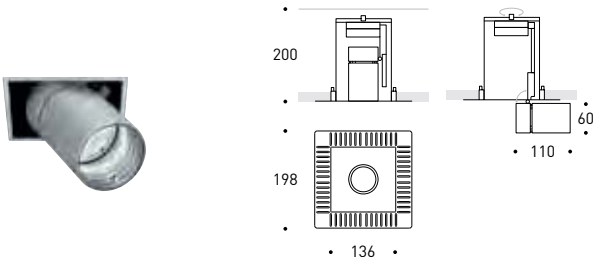


30 W			3500 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
€			IOS LL2 ▲		nom. lm	K	CRI		
000,00	[Ø]	DD97	[A]	11°	[HW]	2767	2700	>90	[12]
			[B]	15°	[HQ]	2944	3000	>90	[31]
000,00	[V]		[C]	21°	[WW]	3617	3000	>80	
			[D]	29°	[NN]	3798	4000	>80	
000,00	[D]		[E]	51°					
			[K]	without optics					
possible configuration					[Ø] DD97 [A] [HQ] [10]				



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

Trimless recessed square projector with remote driver



MH		CDM-Rm GX10	lamp with built-in reflector	finish reference
€	20 W		▲	
000,00		0.25621.00	/	[12]
	35 W			[31]
000,00		0.25622.00	/	
		possible configuration	0.25621.00[12]	

MH IOS		MT (OSRAM / GE) GU6.5	IOS MH1 optics	finish reference
€	20 W		▲	
000,00		0.25661.00	14°	[12]
000,00		0.25662.00	28°	[31]
000,00		0.25663.00	50°	
000,00		0.25664.00	Mira: α61°/β20°	
		possible configuration	0.25661.00[12]	

MH IOS		MT (PHILIPS) GU6.5	IOS MH1 optics	finish reference
€	35 W		▲	
000,00		0.25721.00	14°	[12]
000,00		0.25722.00	28°	[31]
000,00		0.25723.00	54°	
000,00		0.25724.00	Mira: α61°/β20°	
		possible configuration	0.25721.00[12]	

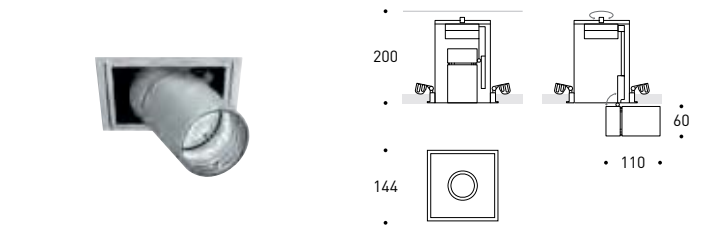
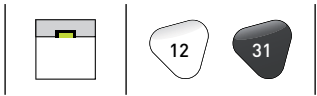


Accessories [pg. 116].

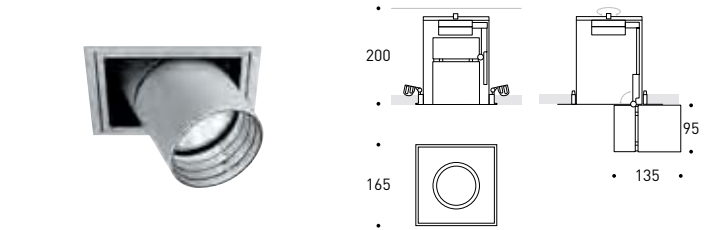


Accessories [pg. 116].
Photometric data [pg. 766].

Trimless recessed square projector with remote driver



10 W		1000 lm				
LED	driver reference	product reference	optics reference	lumen reference		
€			IOS LL1 ▲	nom. lm	K	CRI
000,00	[Ø]	FD92	[1] 15°	[HW] 803	2700	>90
			[2] 29°	[HQ] 873	3000	>90
000,00	[V]		[3] 47°	[WW] 1044	3000	>80
000,00	[D]		[K] without optics	[NN] 1166	4000	>80
000,00	[T]					
possible configuration				[Ø] FD92 [1] [HQ] [12]		



13 W			1500 lm					
LED	driver reference	product reference	optics reference		lumen reference		finish reference	
€			IOS LL2	▲	nom. lm	K	CRI	
000,00	[Ø]	FD93	[A]	11°	[HW]	1148	2700	>90
			[B]	15°	[HQ]	1221	3000	>90
[C]	21°		[WW]	1500	3000	>80		
[D]	29°		[NN]	1661	4000	>80		
[E]	51°							
[K]	without optics							
[T]								
possible configuration					[Ø] FD93 [A] [HQ] [12]			

22 W		2500 lm							
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
€			IOS LL2	▲		nom. lm	K	CRI	
000,00	[Ø]	FD95	[A]	11°	[HW]	1916	2700	>90	[12]
			[B]	15°	[HQ]	2038	3000	>90	[31]
000,00	[V]		[C]	21°	[WW]	2650	3000	>80	
			[D]	29°	[NN]	2759	4000	>80	
000,00	[D]		[E]	51°					
000,00	[T]		[K]	without optics					
possible configuration						[Ø], FD95 [A], [HQ], [12]			

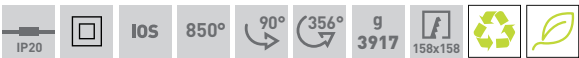
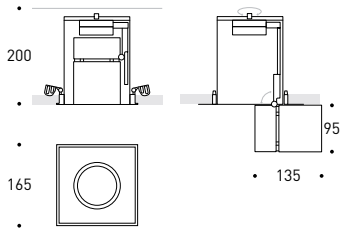


Accessories [pg. 115].



Accessories [pg. 115].
Photometric data [pg. 704-705 / 708-709].

Trimless recessed square projector with remote driver

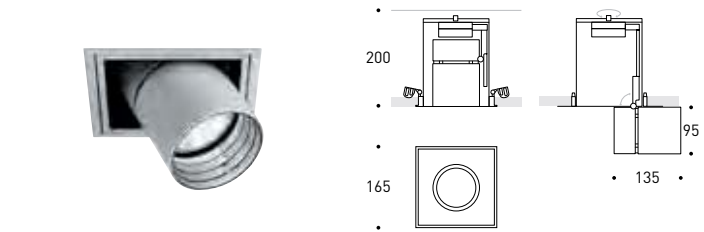
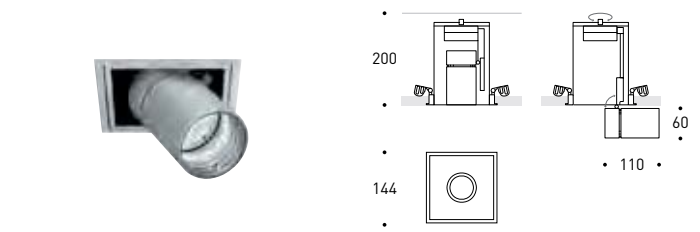
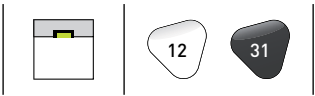


30 W			3500 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
€			IOS LL2	▲		nom. lm	K	CRI	
000,00	[Ø]	FD97	[A]	11°	[HW]	2767	2700	>90	[12]
			[B]	15°	[HQ]	2944	3000	>90	[31]
000,00	[V]		[C]	21°	[WW]	3617	3000	>80	
			[D]	29°	[NN]	3798	4000	>80	
000,00	[D]		[E]	51°					
			[K]	without optics					
possible configuration					[Ø]. FD97 [A]. [HQ] [10]				



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

Trimless recessed square projector with remote driver



MH		CDM-Rm GX10	lamp with built-in reflector	finish reference
€	20 W		▲	
000,00		0.25626.00	/	[12]
	35 W			[31]
000,00		0.25627.00	/	
		possible configuration	0.25626.00 [12]	

MH		MT (OSRAM / GE) GU6.5	IOS MH1 optics	finish reference
€	20 W		▲	
000,00		0.25666.00	14°	[12]
000,00		0.25667.00	28°	[31]
000,00		0.25668.00	50°	
000,00		0.25669.00	Mira: α61°/β20°	
		possible configuration	0.25666.00 [12]	

MH		MT (PHILIPS) GU6.5	IOS MH1 optics	finish reference
€	35 W		▲	
000,00		0.25726.00	14°	[12]
000,00		0.25727.00	28°	[31]
000,00		0.25728.00	54°	
000,00		0.25729.00	Mira: α61°/β20°	
		possible configuration	0.25726.00 [12]	

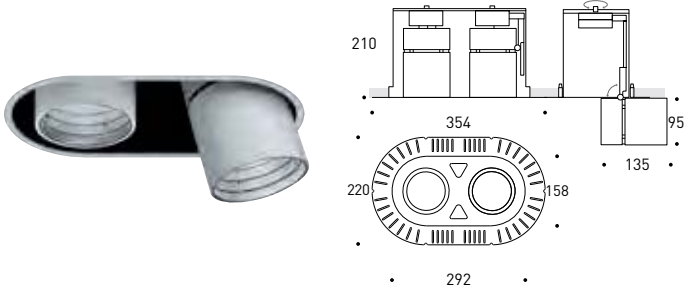
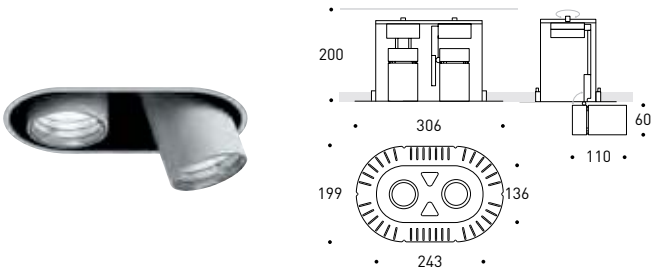
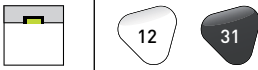


Accessories (pg. 116).



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

Trimless recessed oval projector with remote driver



10 W		1000 lm							
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
€			IOS LL1	▲		nom. lm	K	CRI	
000,00	[Ø]	GD92	[1]	15°	[HW]	803	2700	>90	[12]
			[2]	29°	[HQ]	873	3000	>90	[31]
000,00	[V]		[3]	47°	[WW]	1044	3000	>80	
000,00	[D]		[K]	without optics	[NN]	1166	4000	>80	
000,00	[T]								
possible configuration					[Ø] GD92 [1] [HQ] [12]				

13 W		1500 lm							
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
€			IOS LL2	▲		nom. lm	K	CRI	
000,00	[Ø]	GD93	[A]	11°	[HW]	1148	2700	>90	[12]
			[B]	15°	[HQ]	1221	3000	>90	[31]
000,00	[V]		[C]	21°	[WW]	1500	3000	>80	
			[D]	29°	[NN]	1661	4000	>80	
000,00	[D]		[E]	51°					
			[K]	without optics					
000,00	[T]								
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
000,00	[Ø]	GD95	[A]	11°	[HW]	1916	2700	>90
			[B]	15°	[HQ]	2038	3000	>90
000,00	[V]		[C]	21°	[WW]	2650	3000	>80
			[D]	29°	[NN]	2759	4000	>80
000,00	[D]		[E]	51°				
			[K]	without optics				
000,00	[T]							
possible configuration					[Ø] GD95 [A] [HQ] [12]			

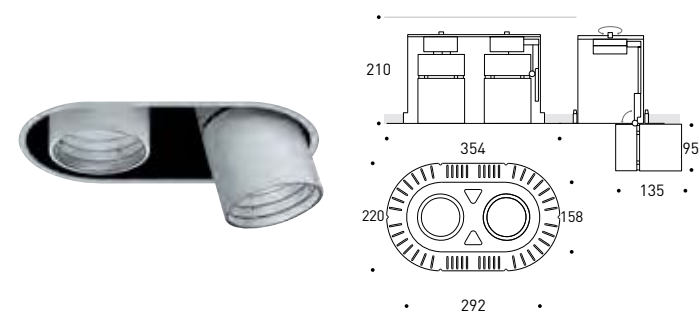
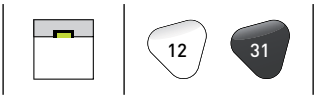


Accessories [pg. 115].



Accessories [pg. 115].
Photometric data [pg. 704-705 / 708-709].

Trimless recessed oval projector with remote driver

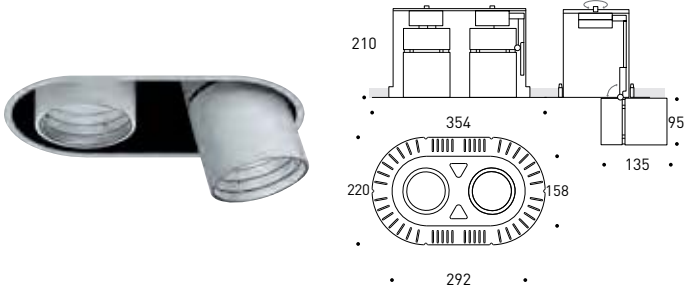
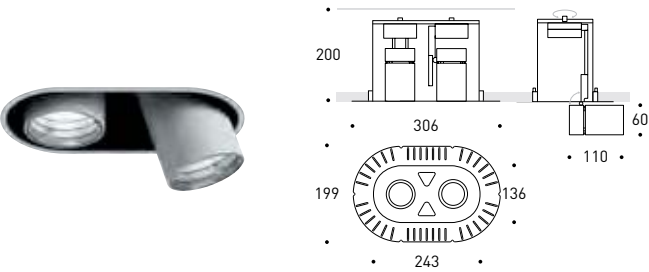
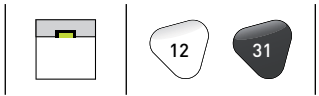


30 W				3500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
€			IOS LL2	▲		nom. lm	K	CRI	
000,00	[Ø]	GD97	[A]	11°	[HW]	2767	2700	>90	[12]
			[B]	15°	[HQ]	2944	3000	>90	[31]
000,00	[V]		[C]	21°	[WW]	3617	3000	>80	
			[D]	29°	[NN]	3798	4000	>80	
000,00	[D]		[E]	51°					
			[K]	without optics					
possible configuration					[Ø] GD97 [A] [HQ] [10]				



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

Trimless recessed oval projector with remote driver



MH		CDM-Rm GX10	lamp with built-in reflector	finish reference
€	20 W		▲	
000,00		0.25611.00	/	12
	35 W			31
000,00		0.25612.00	/	
		possible configuration	0.25611.00 12	

MH	IOS	MT (OSRAM / GE) GU6.5	IOS MH1 optics	finish reference
€	20 W		▲	
000,00		0.25651.00	14°	12
000,00		0.25652.00	28°	31
000,00		0.25653.00	50°	
000,00		0.25654.00	Mira: α61° / β20°	
		possible configuration	0.25651.00 12	

MH	IOS	MT (PHILIPS) GU6.5	IOS MH1 optics	finish reference
€	35 W		▲	
000,00		0.25751.00	14°	12
000,00		0.25752.00	28°	31
000,00		0.25753.00	54°	
000,00		0.25754.00	Mira: α61° / β20°	
		possible configuration	0.25751.00 12	

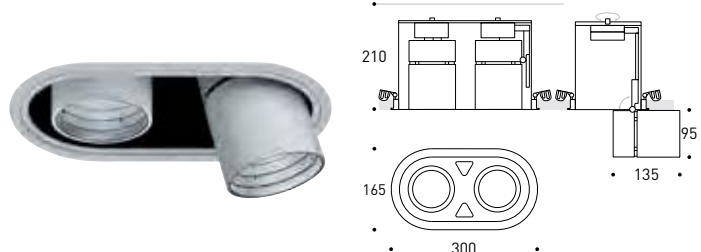
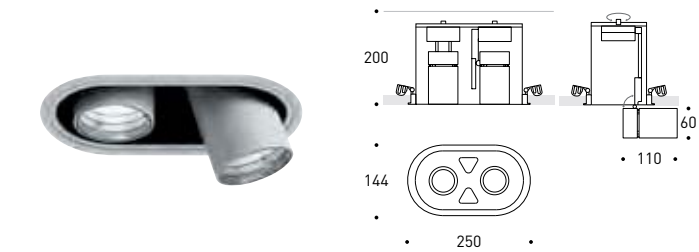
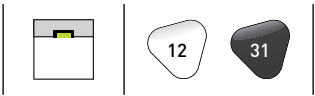


Accessories [pg. 116].



Accessories [pg. 116].
Photometric data [pg. 766].

Trimless recessed oval projector with remote driver



10 W		1000 lm				
LED	driver reference	product reference	optics reference	lumen reference		
€			IOS LL1 ▲	nom. lm	K	CRI
000,00	[Ø]	HD92	[1] 15°	[HW] 803	2700	>90
			[2] 29°	[HQ] 873	3000	>90
000,00	[V]		[3] 47°	[WW] 1044	3000	>80
000,00	[D]		[K] without optics	[NN] 1166	4000	>80
000,00	[T]					
possible configuration				[Ø] HD92 [1] [HQ] [12]		

13 W		1500 lm				
LED	driver reference	product reference	optics reference	lumen reference		
€			IOS LL2 ▲	nom. lm	K	CRI
000,00	[Ø]	HD93	[A] 11°	[HW] 1148	2700	>90
			[B] 15°	[HQ] 1221	3000	>90
000,00	[V]		[C] 21°	[WW] 1500	3000	>80
000,00	[D]		[D] 29°	[NN] 1661	4000	>80
000,00	[T]		[K] without optics			
possible configuration				[Ø] HD93 [A] [HQ] [12]		

22 W		2500 lm				
LED	driver reference	product reference	optics reference	lumen reference		
€			IOS LL2 ▲	nom. lm	K	CRI
000,00	[Ø]	HD95	[A] 11°	[HW] 1916	2700	>90
			[B] 15°	[HQ] 2038	3000	>90
000,00	[V]		[C] 21°	[WW] 2650	3000	>80
000,00	[D]		[D] 29°	[NN] 2759	4000	>80
000,00	[T]		[K] without optics			
possible configuration				[Ø] HD95 [A] [HQ] [12]		

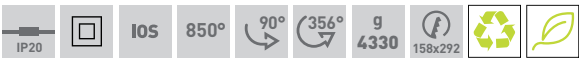
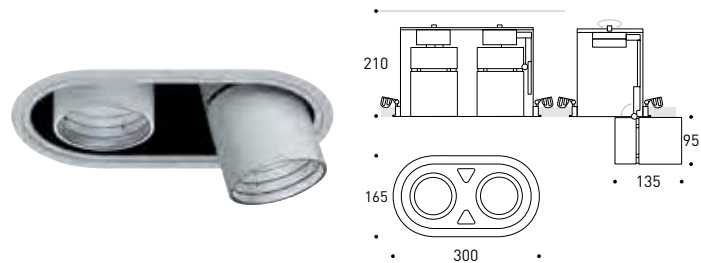


Accessories (pg. 115).



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

Trimless recessed oval projector with remote driver

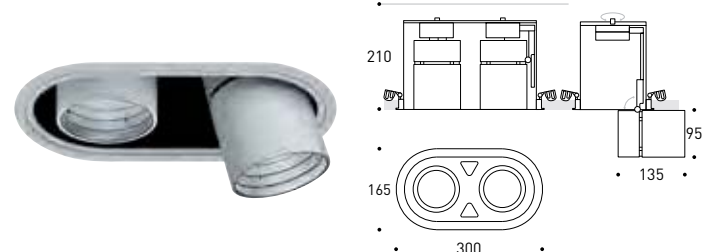
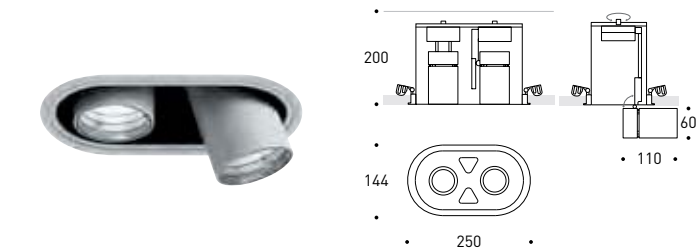
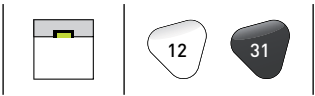


30 W			3500 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
€			IOS LL2	▲		nom. lm	K	CRI	
000,00	[Ø]	HD97	[A]	11°	[HW]	2767	2700	>90	[12]
			[B]	15°	[HQ]	2944	3000	>90	[31]
000,00	[V]		[C]	21°	[WW]	3617	3000	>80	
			[D]	29°	[NN]	3798	4000	>80	
000,00	[D]		[E]	51°					
			[K]	without optics					
possible configuration					[Ø], HD97 [A], [HQ], [10]				



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

Trimless recessed oval projector with remote driver



MH		CDM-Rm GX10	lamp with built-in reflector	finish reference
€	20 W		▲	
000,00		0.25616.00	/	12
	35 W			31
000,00		0.25617.00	/	
	possible configuration		0.25616.00 12	

MH		MT (OSRAM / GE) GU6.5	IOS MH1 optics	finish reference
€	20 W		▲	
000,00		0.25656.00	14°	12
000,00		0.25657.00	28°	31
000,00		0.25658.00	50°	
000,00		0.25659.00	Mira: α61°/β20°	
	possible configuration		0.25656.00 12	

MH		MT (PHILIPS) GU6.5	IOS MH1 optics	finish reference
€	35 W		▲	
000,00		0.25756.00	14°	12
000,00		0.25757.00	28°	31
000,00		0.25758.00	54°	
000,00		0.25759.00	Mira: α61°/β20°	
	possible configuration		0.25756.00 12	

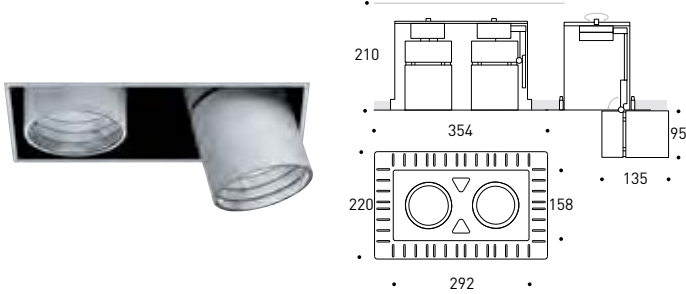
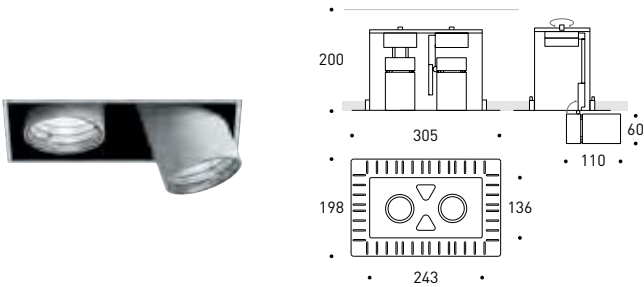
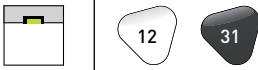


Accessories (pg. 116).



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

Trimless recessed rectangular projector
with remote driver



10 W		1000 lm							
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
€			IOS LL1 ▲			nom. lm	K	CRI	
	000,00	LD92	1	15°	HW	803	2700	>90	12
			2	29°	HQ	873	3000	>90	31
			3	47°	WW	1044	3000	>80	
	000,00	V		K	without optics	NN	1166	4000	>80
000,00	D								
000,00	T								
possible configuration					Ø, LD92 1, HQ 12				

13 W			1500 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
€		LD93	IOS LL2 ▲		nom. lm K CRI				
			A	11°	HW	1148	2700		>90
			B	15°	HQ	1221	3000		>90
			C	21°	WW	1500	3000		>80
			D	29°	NN	1661	4000		>80
000,00	V		E	51°					
000,00	D		K	without optics					
000,00	T								
possible configuration					V 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	
000,00	<u>Ø</u>	GD95	<u>A</u>	11°	<u>HW</u>	1916	2700	>90	<u>12</u>
			<u>B</u>	15°	<u>HQ</u>	2038	3000	>90	<u>31</u>
000,00	<u>V</u>		<u>C</u>	21°	<u>WW</u>	2650	3000	>80	
			<u>D</u>	29°	<u>NN</u>	2759	4000	>80	
000,00	<u>D</u>		<u>E</u>	51°					
000,00	<u>T</u>		<u>K</u>	without optics					
possible configuration					<u>Ø</u> LD95 <u>A</u> <u>HQ</u> <u>12</u>				

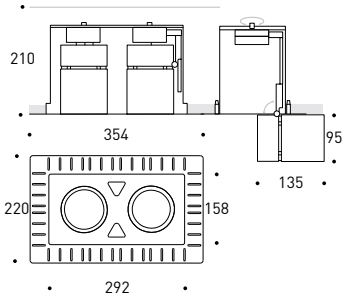
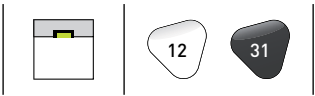


Accessories (pg. 115).



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

Trimless recessed rectangular projector
with remote driver

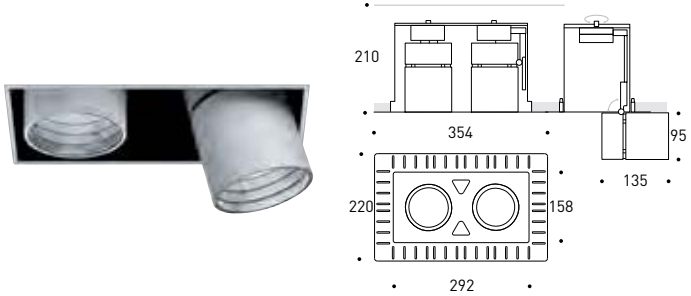
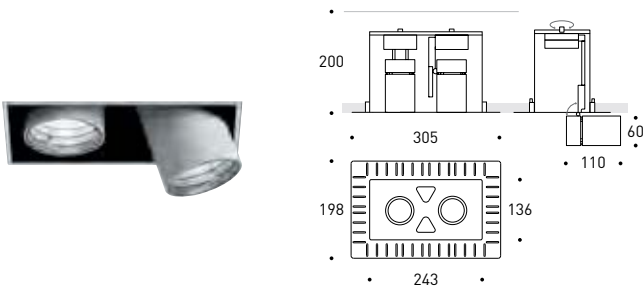
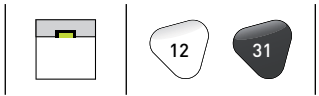


30 W			3500 lm				
LED	driver reference	product reference	optics reference		lumen reference		finish reference
€			IOS LL2 ▲		nom. lm	K CRI	
000,00	Ø	LD97	A 11°	HW	2767	2700 >90	12
			B 15°	HQ	2944	3000 >90	31
000,00	V		C 21°	WW	3617	3000 >80	
			D 29°	NN	3798	4000 >80	
000,00	D		E 51°				
			K without optics				
possible configuration					Ø LD97 A HQ 10		



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

Trimless recessed rectangular projector
with remote driver



MH		CDM-Rm GX10	lamp with built-in reflector	finish reference
€	20 W		▲	
000,00		0.25631.00	/	[12]
	35 W			[31]
000,00		0.25632.00	/	
possible configuration			0.25631.00[12]	

MH IOS		MT (OSRAM / GE) GU6.5	IOS MH1 optics	finish reference
€	20 W		▲	
000,00		0.25671.00	14°	[12]
000,00		0.25672.00	28°	[31]
000,00		0.25673.00	50°	
000,00		0.25674.00	Mira: α61° / β20°	
possible configuration			0.25671.00[12]	

MH IOS		MT (PHILIPS) GU6.5	IOS MH1 optics	finish reference
€	35 W		▲	
000,00		0.25731.00	14°	[12]
000,00		0.25732.00	28°	[31]
000,00		0.25733.00	54°	
000,00		0.25734.00	Mira: α61° / β20°	
possible configuration			0.25731.00[12]	

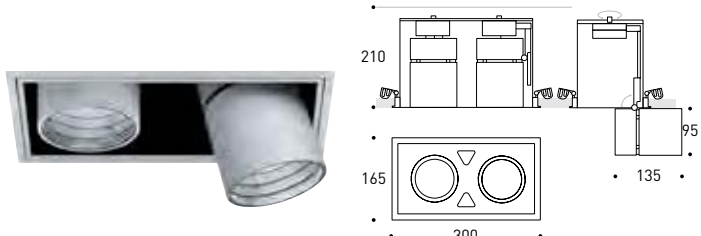
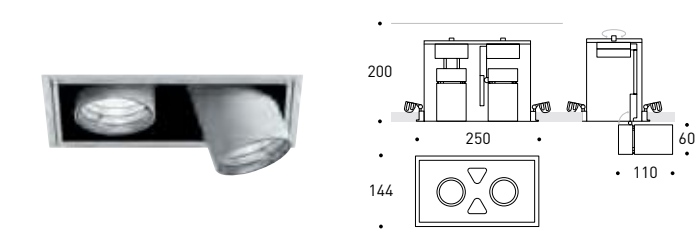
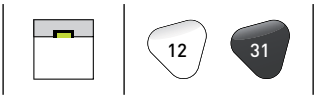


Accessories [pg. 116].



Accessories [pg. 116].
Photometric data [pg. 766].

Trimless recessed rectangular projector
with remote driver



10 W		1000 lm				
LED	driver reference	product reference	optics reference	lumen reference		
€			IOS LL1 ▲	nom. lm	K	CRI
000,00	[Ø]	MD92	[1] 15°	[HW] 803	2700	>90
			[2] 29°	[HQ] 873	3000	>90
000,00	[V]		[3] 47°	[WW] 1044	3000	>80
000,00	[D]		[K] without optics	[NN] 1166	4000	>80
000,00	[T]					
possible configuration				[Ø] MD92 [1] [HQ] [12]		

13 W		1500 lm				
LED	driver reference	product reference	optics reference	lumen reference		
€			IOS LL2 ▲	nom. lm	K	CRI
000,00	[Ø]	MD93	[A] 11°	[HW] 1148	2700	>90
			[B] 15°	[HQ] 1221	3000	>90
000,00	[V]		[C] 21°	[WW] 1500	3000	>80
000,00	[D]		[D] 29°	[NN] 1661	4000	>80
000,00	[T]		[K] without optics			
possible configuration				[Ø] MD93 [A] [HQ] [12]		

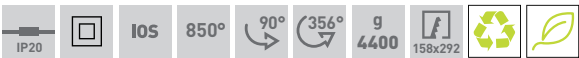
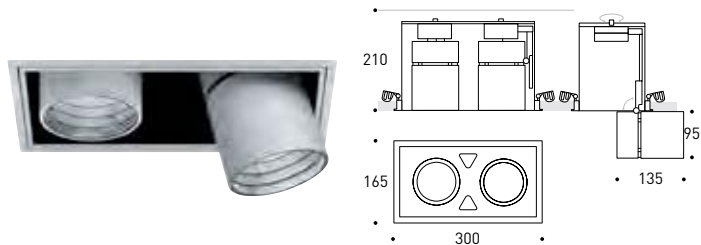
22 W		2500 lm				
LED	driver reference	product reference	optics reference	lumen reference		
€			IOS LL2 ▲	nom. lm	K	CRI
000,00	[Ø]	MD95	[A] 11°	[HW] 1916	2700	>90
			[B] 15°	[HQ] 2038	3000	>90
000,00	[V]		[C] 21°	[WW] 2650	3000	>80
000,00	[D]		[D] 29°	[NN] 2759	4000	>80
000,00	[T]		[K] without optics			
possible configuration				[Ø] MD95 [A] [HQ] [12]		



Accessories (pg. 115).

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

Trimless recessed rectangular projector
with remote driver

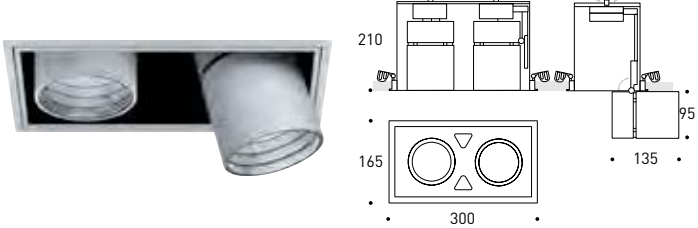
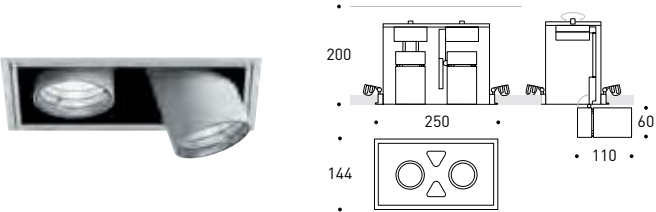
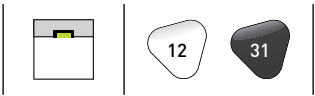


30 W			3500 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
€			IOS LL2 ▲		nom. lm	K	CRI		
000,00	[Ø]	MD97	[A]	11°	[HW]	2767	2700	>90	[12]
			[B]	15°	[HQ]	2944	3000	>90	[31]
000,00	[V]		[C]	21°	[WW]	3617	3000	>80	
			[D]	29°	[NN]	3798	4000	>80	
000,00	[D]		[E]	51°					
			[K]	without optics					
possible configuration					[Ø] MD97 [A] [HQ] [10]				



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

Trimless recessed rectangular projector
with remote driver



MH	CDM-Rm GX10	lamp with built-in reflector	finish reference
€ 20 W	0.25636.00	/	12
€ 35 W	0.25637.00	/	31
possible configuration		0.25636.00_12	

MH IOS	MT (OSRAM / GE) GU6.5	IOS MH1 optics	finish reference
€ 20 W	0.25676.00	14°	12
€ 20 W	0.25677.00	28°	31
€ 20 W	0.25678.00	50°	
€ 20 W	0.25679.00	Mira: α61°/β20°	
possible configuration		0.25676.00_12	

MH IOS	MT (PHILIPS) GU6.5	IOS MH1 optics	finish reference
€ 35 W	0.25736.00	14°	12
€ 35 W	0.25737.00	28°	31
€ 35 W	0.25738.00	54°	
€ 35 W	0.25739.00	Mira: α61°/β20°	
possible configuration		0.25736.00_12	

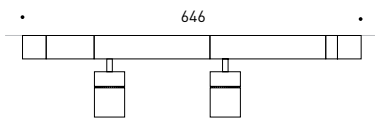


Accessories (pg. 116).



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

Kit: projectors for surface-mounted rail



2x10 W			1000 lm				
LED	driver reference	product reference	optics reference	lumen reference			finish reference
€			IOS LL1 ▲	nom. lm	K	CRI	
000,00	[Ø]	25551	15°	[HW]	803	2700 >90	[12]
				[HQ]	873	3000 >90	[31]
000,00	[V]			[WW]	1044	3000 >80	
				[NN]	1166	4000 >80	
000,00	[D]						
possible configuration				[Ø] 25551 [HQ] [12]			

3x10 W			1000 lm				
LED	driver reference	product reference	optics reference	lumen reference			finish reference
€			IOS LL1 ▲		nom. lm	K	CRI
000,00	<u>Ø</u>	25552	15°	<u>HW</u>	803	2700	>90
				<u>HQ</u>	873	3000	>90
000,00	<u>V</u>			<u>WW</u>	1044	3000	>80
				<u>NN</u>	1166	4000	>80
000,00	<u>D</u>						
possible configuration				<u>Ø</u> , 25552, <u>HQ</u> , <u>12</u>			

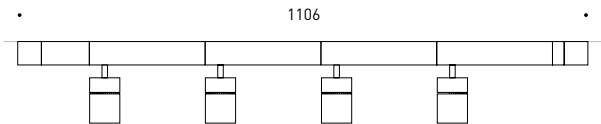
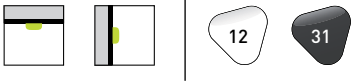


Accessories (pg. 115).
Photometric data (pg. 702).



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

Kit: projectors for surface-mounted rail

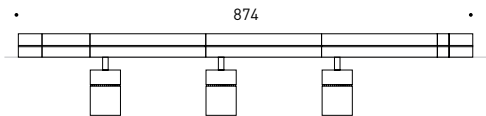
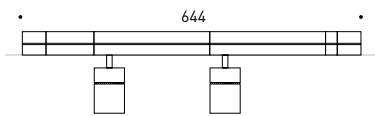


4x10 W				1000 lm			
LED	driver reference	product reference	optics reference	lumen reference			finish reference
€			IOS LL1 ▲		nom. lm	K	CRI
000,00	Ø	25553	15°	HW	803	2700	>90
				HQ	873	3000	>90
000,00	V			WW	1044	3000	>80
				NN	1166	4000	>80
000,00	D						
possible configuration				Ø, 25553, HQ, 12			



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

Kit: projectors for surface-mounted rail



2x10 W			1000 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
€			IOS LL1 ▲		nom. lm	K	CRI	
000,00	Ø	25581	15°	HW	803	2700	>90	12
				HQ	873	3000	>90	31
000,00	V			WW	1044	3000	>80	
				NN	1166	4000	>80	
000,00	D							
possible configuration				Ø 25581 HQ 12				

3x10 W			1000 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
€			IOS LL1 ▲		nom. lm	K	CRI	
000,00	<u>Ø</u>	25582	15°	<u>HW</u>	803	2700	>90	<u>12</u>
				<u>HQ</u>	873	3000	>90	<u>31</u>
000,00	<u>V</u>			<u>WW</u>	1044	3000	>80	
				<u>NN</u>	1166	4000	>80	
000,00	<u>D</u>							
possible configuration				<u>Ø</u> , 25582, <u>HQ</u> , <u>12</u>				

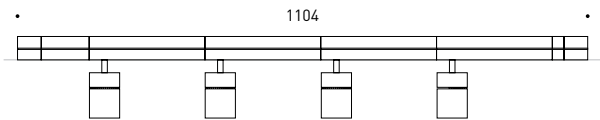
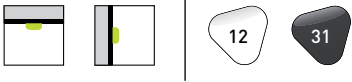


Accessories (pg. 115).
Photometric data (pg. 702).



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

Kit: projectors for surface-mounted rail

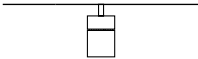


4x10 W				1000 lm				
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
€			IOS LL1 ▲		nom. lm	K	CRI	
000,00	Ø	25583	15°	HW	000	2700	>90	12
				HQ	873	3000	>90	31
000,00	V			WW	1044	3000	>80	
				NN	1166	4000	>80	
000,00	D							
possible configuration				Ø, 25583, HQ, 12				

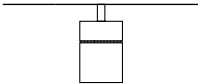


Accessories (pg. 115).
Photometric data (pg. 702).

Accessories
LED



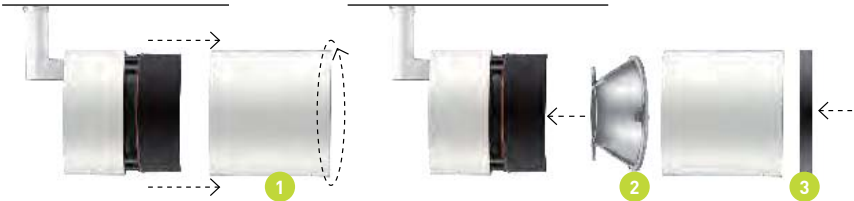
YORI	details	€	IOS	▲	reference	finish reference
LED IOS LL1 	interchangeable optical system	000,00	1	15°	0.35005.00	[00]
	shield finish	000,00	2	29°	0.35006.00	
	00 clear	000,00	3	47°	0.35007.00	
LED IOS LL1 FOOD 	interchangeable optical system with selective filters	000,00	IOS LL1	15°	0.35005.00	[64]
		000,00		29°	0.35006.00	[65]
		000,00		47°	0.35007.00	[66]
	shield finish 64 green 65 light blue 66 orange 67 pink					[67]
LED IOS LL1 	interchangeable optical system	000,00	1	15°	0.35005.GA	[00]
	shield finish	000,00	2	29°	0.35006.GA	
	00 clear	000,00	3	47°	0.35007.GA	
	honeycomb anti-glare louvre	000,00			0.25443.00	[42]
	cross-blade louvre	000,00			0.25440.00	[00]
					possible configuration	0.35005.00 [00]



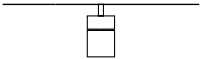
YORI	details	€	IOS	▲	reference	finish reference
LED IOS LL2 	interchangeable optical system	000,00	A	11°	0.35050.00	[00]
	shield finish	000,00	B	15°	0.35049.00	
	00 clear	000,00	C	21°	0.35051.00	
		000,00	D	29°	0.35052.00	
		000,00	E	51°	0.35053.00	
		000,00	F	Mira*	0.35054.00	
		000,00	H	W. W.	0.35059.00	
		000,00				
LED IOS LL2 FOOD 	interchangeable optical system with selective filters	000,00	IOS LL2	11°	0.35050.00	[64]
		000,00		15°	0.35049.00	[65]
	shield finish	000,00		21°	0.35051.00	[66]
	64 green 65 light blue 66 orange 67 pink	000,00		29°	0.35052.00	[67]
		000,00		51°	0.35053.00	
LED IOS LL2 	interchangeable optical system	000,00	A	11°	0.35050.GA	[00]
	shield finish	000,00		15°	0.35049.GA	
	00 clear	000,00		21°	0.35051.GA	
		000,00		29°	0.35052.GA	
		000,00		51°	0.35053.GA	
		000,00		Mira*	0.35054.00	
	honeycomb anti-glare louvre	000,00			0.25444.00	[42]
	cross-blade louvre	000,00			0.25441.00	[00]
	emergency pack for Yori on mounting rail (3h back-up)	000,00			0.25435.00	[12] [31]

ACCESSORY INSTALLATION

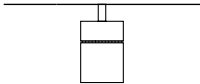
- 1
Anti-glare cone louvre (twist and pull to remove)
- 2
IOS system (Interchangeable Optical System)
- 3
Cross-blade louvre

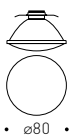


Accessories
metal halide lamps



YORI	details	€	IOS	▲	reference	finish reference
	anti-glare louvre	000,00			0.25443.00	42
	cross-blade louvre	000,00			0.25440.00	00
possible configuration						0.25443.00 42

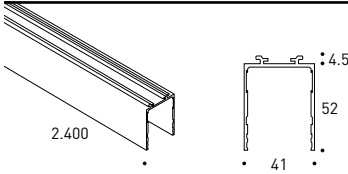
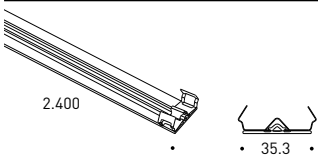
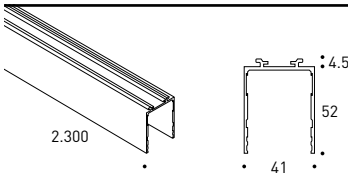
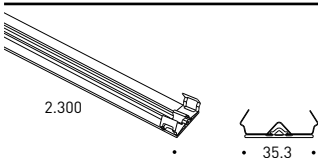
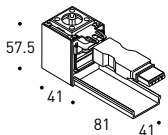
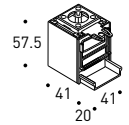
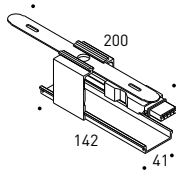
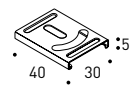
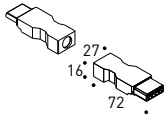


YORI	details	€	IOS	▲	reference	finish reference
 	interchangeable optical system	000,00		14°	0.23100.00	00
	shield finish	000,00	IOS MH2	28°	0.23101.00	
	00 clear	000,00		50°/54°	0.23102.00	
		000,00		Mira*	0.23103.00	
 	interchangeable optical system with selective filters	000,00	IOS MH2	14°	0.23100.00	64
	shield finish	000,00		28°	0.23101.00	65
	64 green	000,00		50°/54°	0.23102.00	66
	65 light blue	000,00		Mira*	0.23103.00	67
 	interchangeable optical system	000,00	IOS MH2	14°	0.23100.00	59
	shield finish	000,00		28°	0.23101.00	79
	59 IR- 79 anti UV	000,00		50°/54°	0.23102.00	74
	74 blue dichroic filter	000,00				75
	honeycomb anti-glare louvre	000,00			0.25444.00	42
cross-blade louvre						0.25441.00 00
possible configuration						0.23100.00 00

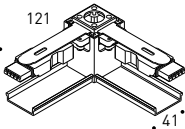
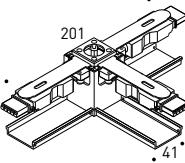
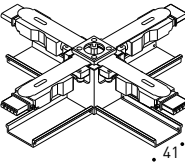
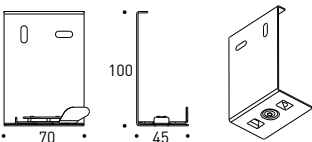


Showroom GESSI - Milan Italy

Components for installation of projectors on surface-mounted rail

	details	€	reference	finish reference	possible configuration
	surface-mounted rail + connecting piece length: 2400 mm	000,00	Ø 25401.00	12 31	Ø.25401.00 ₁₂
	mounting rail cover including spring clips length: 2.400 mm	000,00	Ø 25432.00	12 31	Ø.25432.00 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	000,00	Ø 25801.00	12 31	Ø.25801.00 ₁₂
	mounting rail cover including spring clips length: 2300 mm	000,00	Ø 25874.00	12 31	Ø.25874.00 ₁₂
	live end cap (dead end) module composed of: connector, 41 mm pronged base cap, fill-in space cover, 81 mm mounting rail cap	000,00	Ø 25850.00	12 31	Ø.25850.00 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	000,00	Ø 25851.00	12 31	Ø.25851.00 ₁₂
	centre feed module composed of: central body, mechanical coupler and 142 mm cover	000,00	Ø 25852.00	12 31	Ø.25852.00 ₁₂
	mounting rail retainer device for surface installation	000,00	Ø 25410.00	12 31	Ø.25410.00 ₁₂
	connector with plug and socket for electric cable with maximum section of 1.5 mm	000,00	Ø 25417.00	00	Ø.25417.00 ₀₀

Components for installation of projectors on surface-mounted rail

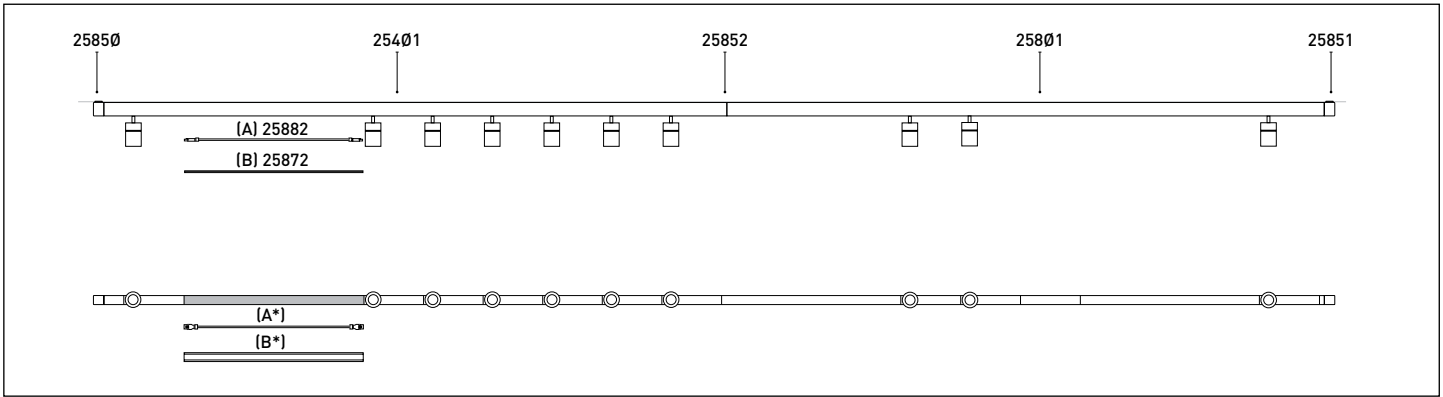
details	€	reference	finish reference	possible configuration
	000,00	Ø 25853.00	12 31	Ø .25853.0012
	000,00	Ø 25854.00	12 31	Ø .25854.0012
	000,00	Ø 25855.00	12 31	Ø .25855.0012
	000,00	Ø 25431.00	12 31	Ø .25431.0012

details	€	l/mm (A)	reference	finish reference	possible configuration
(A) pre-wired power cable with plug and socket	000,00	230	Ø 25880.00	00	Ø .25880.0012
		460	Ø 25881.00		
		690	Ø 25882.00		
(B) hard cover for surface-mounted and suspended mounting rail	000,00	230	Ø 25870.00	12 31	Ø .25870.0012
		460	Ø 25871.00		
		690	Ø 25872.00		

POSSIBLE CONFIGURATIONS OF MOUNTING RAILS

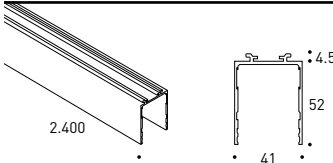
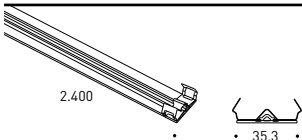
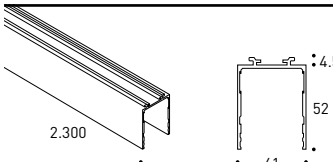
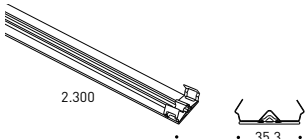
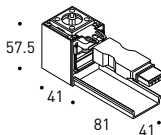
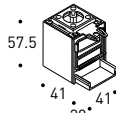
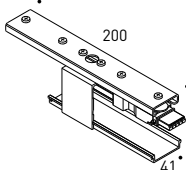
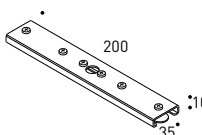
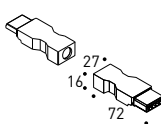
Possible strip configuration for up to 10 luminaires using the same power cable

SURFACE-MOUNTED

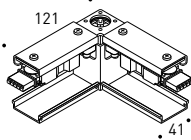
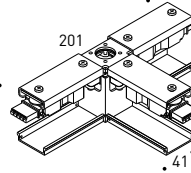
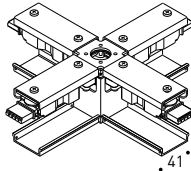


* For custom lengths, consult the manufacturer for information about cable and covers.

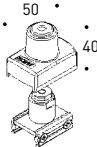
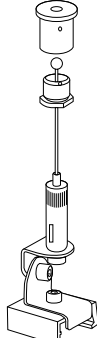
Components for installation of projectors on suspended mounting rail

	details	€	reference	finish reference	possible configuration
	surface-mounted rail + connecting piece length: 2400 mm	000,00	Ø 25401.00	12 31	Ø.25401.00 ₁₂
	mounting rail cover including spring clips length: 2400 mm	000,00	Ø 25432.00	12 31	Ø.25432.00 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	000,00	Ø 25801.00	12 31	Ø.25801.00 ₁₂
	mounting rail cover including spring clips length: 2300 mm	000,00	Ø 25874.00	12 31	Ø.25874.00 ₁₂
	live end cap (dead end) module composed of: connector, 41 mm pronged base cap, fill-in space cover, 81 mm mounting rail cap	000,00	Ø 25850.00	12 31	Ø.25850.00 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	000,00	Ø 25851.00	12 31	Ø.25851.00 ₁₂
	centre feed module composed of: central body, mechanical coupler and 142 mm cover	000,00	Ø 25857.00	12 31	Ø.25857.00 ₁₂
	mechanical coupler for strip mounting	000,00	Ø 25856.00	12 31	Ø.25856.00 ₁₂
	connector with plug and socket for electric cable with maximum section of 1.5 mm	000,00	Ø 25417.00	00	Ø.25417.00 ₀₀

Components for installation of projectors on suspended mounting rail

	details	€	reference	finish reference	possible configuration
	"elbow" coupler for suspended mounting rail	000,00	Ø 25858.00	12	Ø.25858.0012
				31	
	"T" coupler for suspended mounting rail	000,00	Ø 25859.00	12	Ø.25859.0012
				31	
	"X" coupler for suspended mounting rail	000,00	Ø 25860.00	12	Ø.25860.0012
				31	

Components for installation of projectors on suspended mounting rail

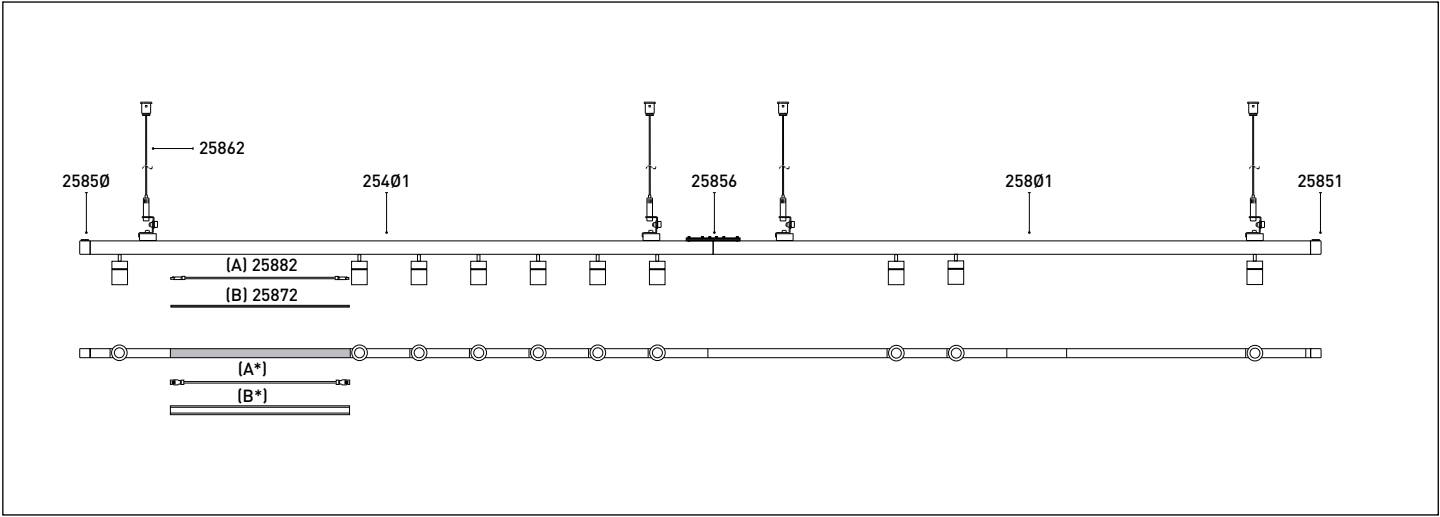
	details	€	reference	finish reference	possible configuration
	Point clamp suspension	000,00	Ø.02283.00	12	Ø.02283.0010
				31	
	Rod suspension set M6 F max 20kg Length: 1000 mm	000,00	Ø.02223.00	12	Ø.02223.0012
				31	
	Conduit suspension set F max 20kg Length: 2000 mm, Ø16 mm	000,00	Ø.25862.00	12	Ø.25862.0012
				31	

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	000,00	230	Ø.25880.00	[00]	Ø.25880.00[12]
		460	Ø.25881.00		
		690	Ø.25882.00		
(B) hard cover for surface-mounted and suspended mounting rail	000,00	230	Ø.25870.00	[12] [31]	Ø.25870.00[12]
		460	Ø.25871.00		
		690	Ø.25872.00		

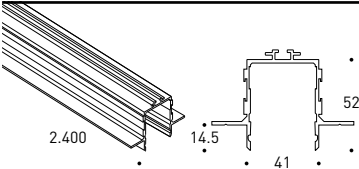
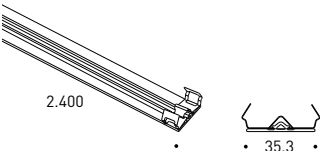
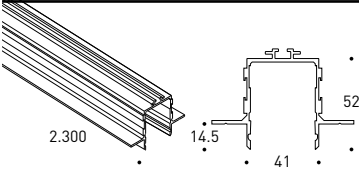
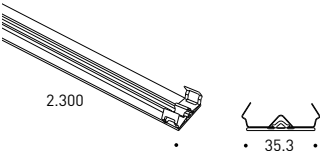
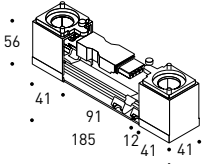
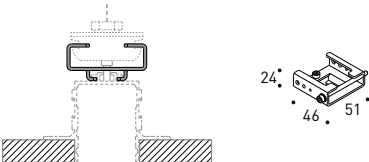
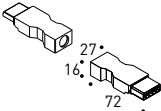
POSSIBLE CONFIGURATIONS OF MOUNTING RAILS
Possible strip configuration for up to 10 luminaires using the same power cable

SUSPENDED



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

Components for installation of projectors on trimless mounting rail

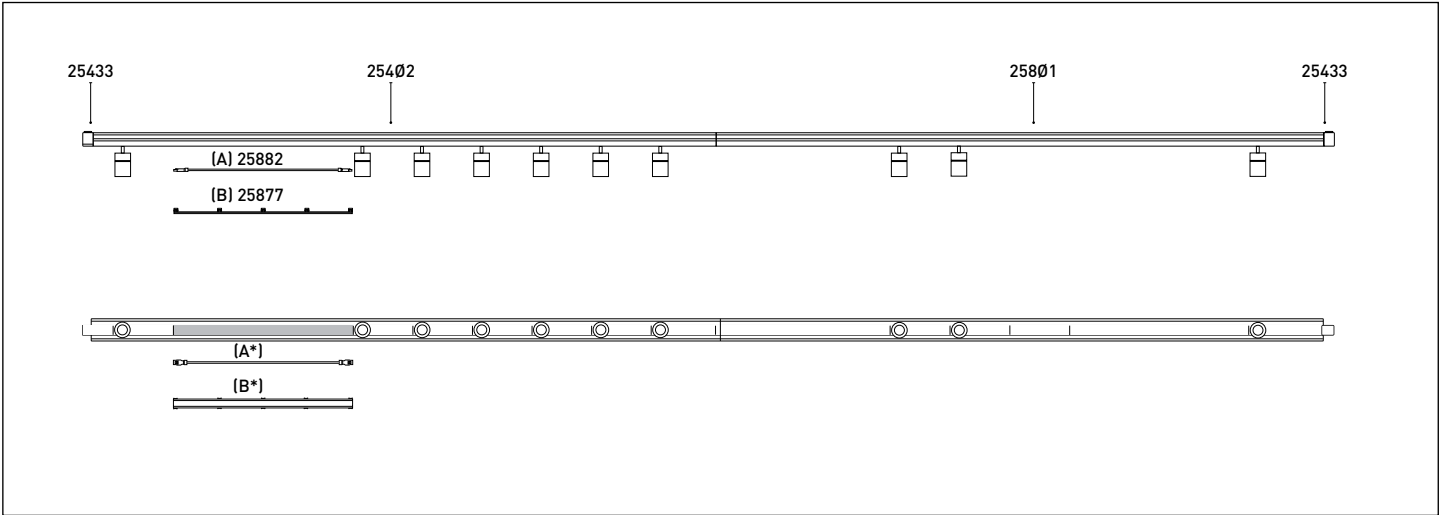
	details	€	reference	finish reference	possible configuration
	trimless mounting rail mounting rail + connecting piece length: 2.400 mm	000,00	Ø 25402.00	12 31	Ø .25402.0012
	mounting rail cover length: 2400 mm	000,00	Ø 25432.00	12 31	Ø .25432.0012
	2300 mm surface-mounted rail module add-on 0.25402.00 for strip configuration for up to 10 YORI luminaires on total section, including mechanical coupler	000,00	Ø 25811.00	12 31	Ø .25811.0012
	mounting rail cover length: 2.300 mm	000,00	Ø 25874.00	12 31	Ø .25874.0012
	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	000,00	Ø 25433.00	12 31	Ø .25433.0012
	accessory for suspended installation	000,00	Ø 25430.00	00	Ø .25430.0000
	connector with plug and socket for electric cable with maximum section of 1.5 mm	000,00	Ø 25417.00	00	Ø .25417.0000

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	000,00	230	Ø.25880.00	[00]	Ø.25880.00[12]
		460	Ø.25881.00		
		690	Ø.25882.00		
(B) hard cover for surface-mounted and suspended mounting rail	000,00	230	Ø.25875.00	[12] [31]	Ø.25875.00[12]
		460	Ø.25876.00		
		690	Ø.25877.00		

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

TRIMLESS



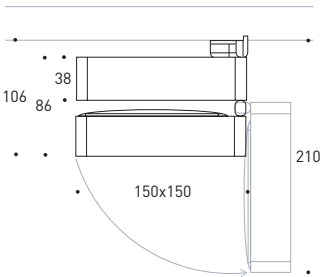
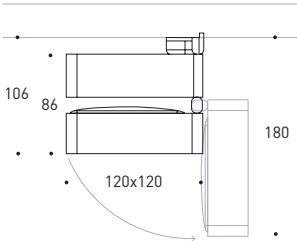
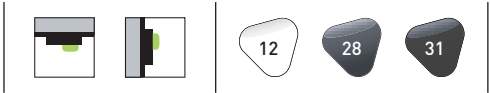
* For custom lengths, consult the manufacturer for information about cable and covers.



SPLYT SYSTEM

design by: **LAPD**

Projector for 3-circuit track mounting



17 W				1500 lm			
LED	driver reference	product reference	beam width	lumen reference			finish reference
			▲	nom. lm	K	CRI	
Ø		BF3DØ	7°	HQ	1235	3000 >90	12
				WW	1545	3000 >80	28
				NN	1670	4000 >80	31
D							
T							

31 W				3000 lm			
LED	driver reference	product reference	beam width	lumen reference			finish reference
				nom. lm K CRI			
[Ø]	BF3GØ	7°	[HQ]	2240	3000	>90	[12]
			[WW]	2800	3000	>80	[28]
			[NN]	3025	4000	>80	[31]
[D]							
[T]							

Ø		CF3DØ	22°	HQ	1235	3000 >90
				WW	1545	3000 >80
				NN	1670	4000 >80
D						
T						

Ø		CF3GØ	22°	HQ	2240	3000 >90
				WW	2800	3000 >80
				NN	3025	4000 >80
D						
T						

Ø		DF3DØ	42°	HQ	1235	3000 >90
				WW	1545	3000 >80
				NN	1670	4000 >80
D						
T						

Ø		DF3GØ	42°	HQ	2240	3000 >90
				WW	2800	3000 >80
				NN	3025	4000 >80
D						
T						

possible configuration Ø, BF3DØ, HQ, 12

possible configuration Ø, BF3GØ, HQ, 12

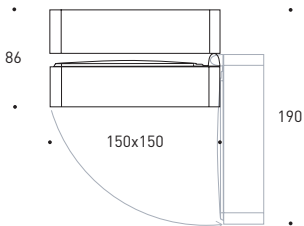
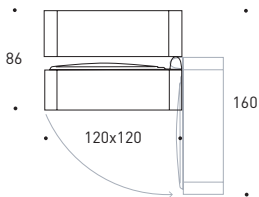
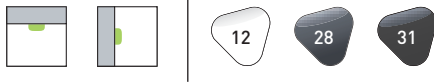


Accessories (pg. 133). Components for track (pg. 548-553).
Photometric data (pg. 741).



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

Surface-mounted projector



17 W			1500 lm					
LED	driver reference	product reference	beam width	lumen reference			finish reference	
		UF3DØ	7°		nom. lm	K	CRI	
				HQ	1235	3000	>90	12
				WW	1545	3000	>80	28
				NN	1670	4000	>80	31



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

Ø	D	T	VF3DØ	22°	nom. lm K CRI		
					HQ	1235 3000 >90	12
					WW	1545 3000 >80	28
					NN	1670 4000 >80	31

Ø	D	T	VF3GØ	22°	nom. lm K CRI		
					HQ	2240 3000 >90	12
					WW	2800 3000 >80	28
					NN	3025 4000 >80	31

Ø	D	T	ZF3DØ	42°	nom. lm K CRI		
					HQ	1235 3000 >90	12
					WW	1545 3000 >80	28
					NN	1670 4000 >80	31

Ø	D	T	ZF3GØ	42°	nom. lm K CRI		
					HQ	2240 3000 >90	12
					WW	2800 3000 >80	28
					NN	3025 4000 >80	31

possible configuration

Ø, UF3DØ, HQ, 12

possible configuration

Ø, UF3GØ, HQ, 12

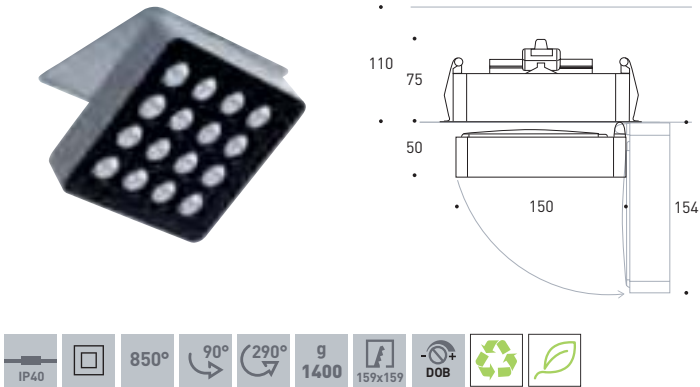
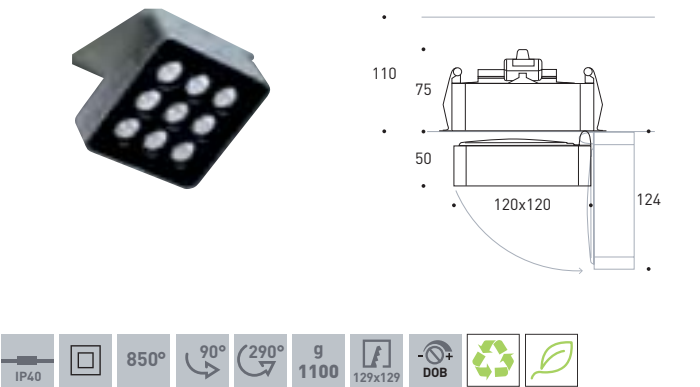


Accessories (pg. 133).
Photometric data (pg. 741).



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

Semi-recessed projector with bezel and remote driver



17 W			1500 lm			
LED	driver reference	product reference	beam width	lumen reference		
			7°	nom. lm	K	CRI
Ø		LF3DØ		HQ	1235	3000 >90
D				WW	1545	3000 >80
I				NN	1670	4000 >80
				finish reference		
				12		
				28		
				31		

31 W			3000 lm			
LED	driver reference	product reference	beam width	lumen reference		
			7°	nom. lm	K	CRI
Ø		LF3GØ		HQ	2240	3000 >90
D				WW	2800	3000 >80
I				NN	3025	4000 >80
				finish reference		
				12		
				28		
				31		

Ø	MF3DØ	22°	HQ	1235	3000 >90	12
D			WW	1545	3000 >80	28
I			NN	1670	4000 >80	31

Ø	MF3GØ	22°	HQ	2240	3000 >90	12
D			WW	2800	3000 >80	28
I			NN	3025	4000 >80	31

Ø	NF3DØ	42°	HQ	1235	3000 >90	12
D			WW	1545	3000 >80	28
I			NN	1670	4000 >80	31

Ø	NF3GØ	42°	HQ	2240	3000 >90	12
D			WW	2800	3000 >80	28
I			NN	3025	4000 >80	31

possible configuration Ø, LF3DØ, HQ, 12

possible configuration Ø, LF3GØ, HQ, 12

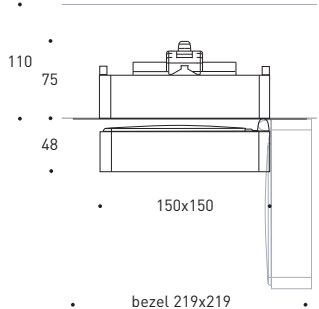
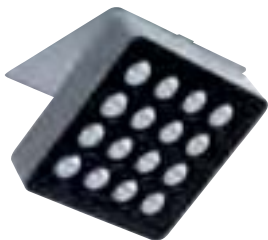
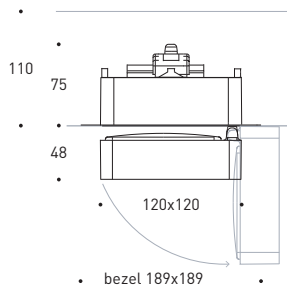


Accessories (pg. 133).
Photometric data (pg. 741).



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

Semi-recessed trimless projector with remote driver



17 W		1500 lm				
LED	driver reference	product reference	beam width	lumen reference		finish reference
			7°	nom. lm	K	CRI
Ø		PF3DØ		HQ	1235	3000 >90
D				WW	1545	3000 >80
T				NN	1670	4000 >80

31 W		3000 lm				
LED	driver reference	product reference	beam width	lumen reference		finish reference
			7°	nom. lm	K	CRI
Ø		PF3GØ		HQ	2240	3000 >90
D				WW	2800	3000 >80
T				NN	3025	4000 >80

Ø	RF3DØ	22°	HQ	1235	3000 >90	12
D			WW	1545	3000 >80	28
T			NN	1670	4000 >80	31

Ø	RF3GØ	22°	HQ	2240	3000 >90	12
D			WW	2800	3000 >80	28
T			NN	3025	4000 >80	31

Ø	TF3DØ	42°	HQ	1235	3000 >90	12
D			WW	1545	3000 >80	28
T			NN	1670	4000 >80	31

Ø	TF3GØ	42°	HQ	2240	3000 >90	12
D			WW	2800	3000 >80	28
T			NN	3025	4000 >80	31

possible configuration

Ø, PF3DØ, HQ, 12

possible configuration

Ø, PF3GØ, HQ, 12

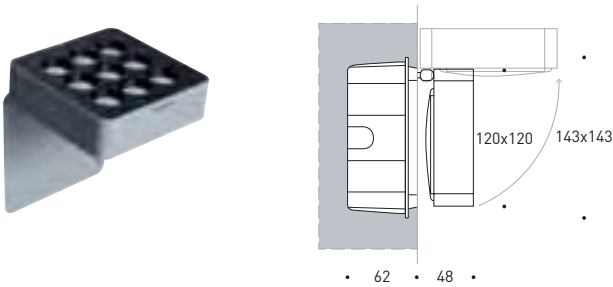


Accessories (pg. 133).
Photometric data (pg. 741).

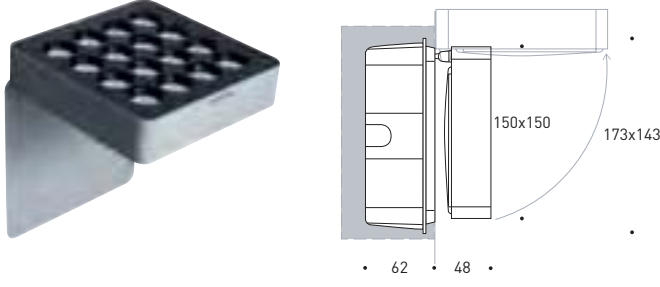


Accessories (pg. 133).
Photometric data (pg. 741).

Wall-mounted projector



17 W			1500 lm				
LED	driver reference	product reference	beam width	lumen reference			finish reference
			▲	nom. lm	K	CRI	
[Ø]	FF3DØ	7°	[HQ]	1235	3000	>90	[12]
			[WW]	1545	3000	>80	[28]
			[NN]	1670	4000	>80	[31]
[D]							
[T]							



31 W			3000 lm					
LED	driver reference	product reference	beam width	lumen reference			finish reference	
			▲	nom. lm	K	CRI		
[Ø]	[D]	FF3GØ	7°	[HQ]	2240	3000	>90	[12]
				[WW]	2800	3000	>80	[28]
				[NN]	3025	4000	>80	[31]
[D]								
[T]								

[Ø]	[D]	[T]	GF3DØ	22°	[HQ]	1235 3000 >90	[12]
					[WW]	1545 3000 >80	[28]
					[NN]	1670 4000 >80	[31]

[Ø]	[D]	[T]	GF3GØ	22°	[HQ]	2240 3000 >90	[12]
					[WW]	2800 3000 >80	[28]
					[NN]	3025 4000 >80	[31]

[Ø]	[D]	[T]	HF3DØ	42°	[HQ]	1235 3000 >90	[12]
					[WW]	1545 3000 >80	[28]
					[NN]	1670 4000 >80	[31]

[Ø]	[D]	[T]	HF3GØ	42°	[HQ]	2240 3000 >90	[12]
					[WW]	2800 3000 >80	[28]
					[NN]	3025 4000 >80	[31]

possible configuration [Ø], FF3DØ, [HQ], [12]

possible configuration [Ø], FF3GØ, [HQ], [12]



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



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

Accessories
LED



SPLYT	details	reference	finish reference
	honeycomb louvre	0.22120.00	(12)
			(28)
			(31)
	anti-glare shield	0.22100.00	(12)
			(28)
			(31)
	optics Wall Washer	0.22140.00	(12)
			(28)
			(31)
possible configuration		0.22120.00	(12)

SPLYT	details	reference	finish reference
	honeycomb louvre	0.22130.00	(12)
			(28)
			(31)
	anti-glare shield	0.22110.00	(12)
			(28)
			(31)
	optics Wall Washer	0.22150.00	(12)
			(28)
			(31)
possible configuration		0.22130.00	(12)

ACCESSORY INSTALLATION

1
honeycomb louvre

2
anti-glare shield

3
Wall Washer optics



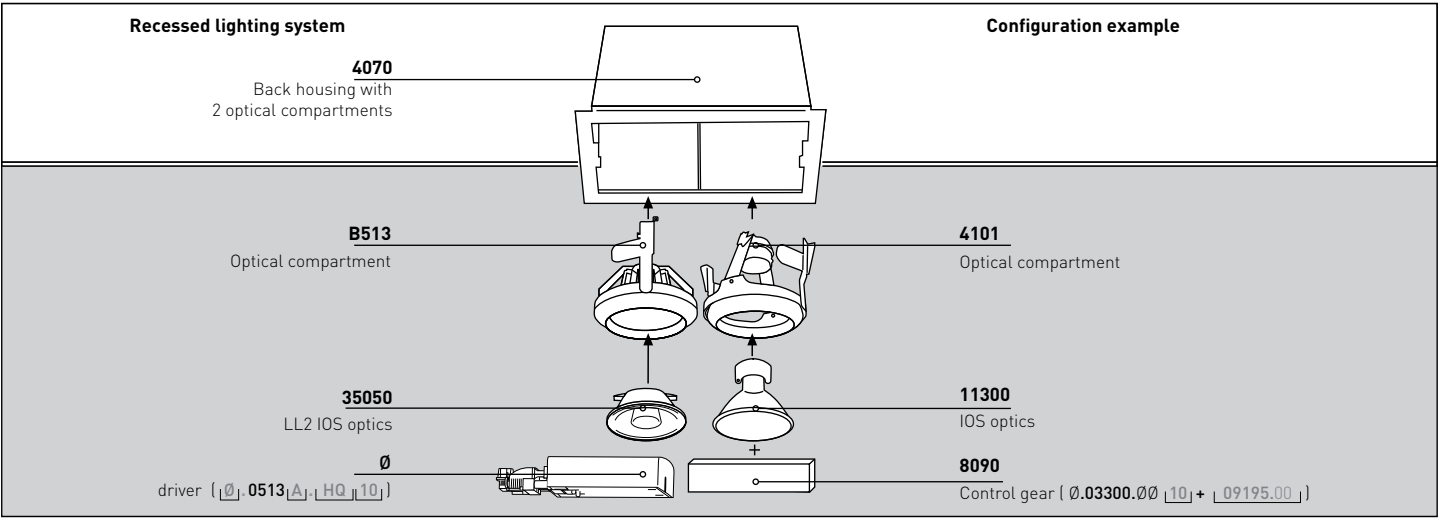


MOSAICO EASY IOS

modular recessed lighting system

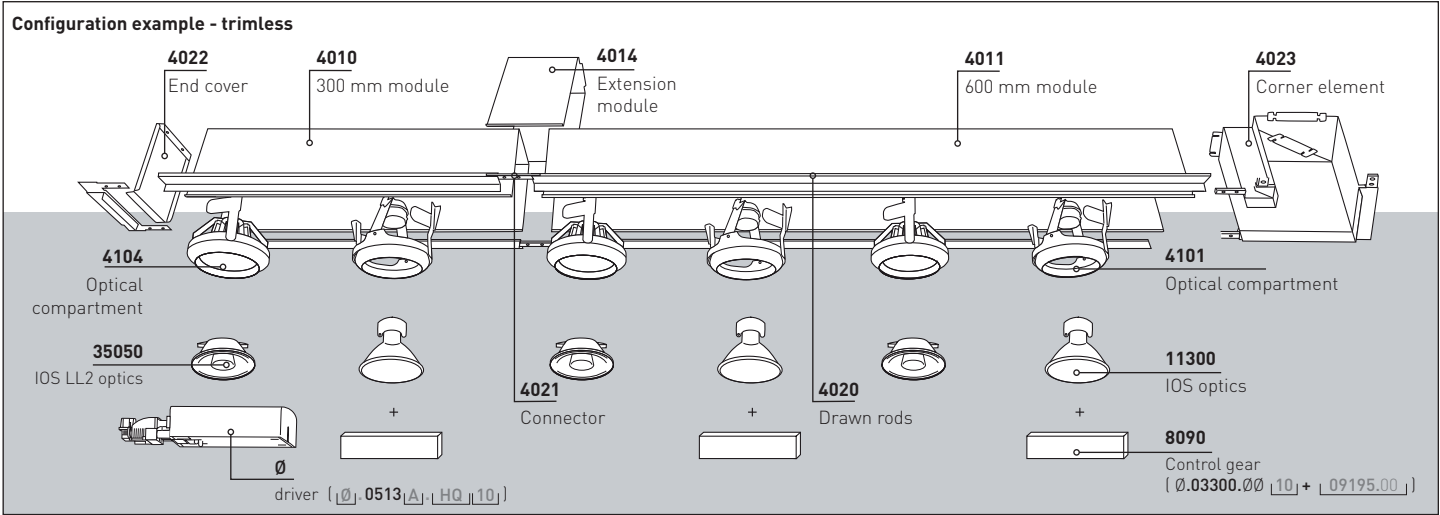
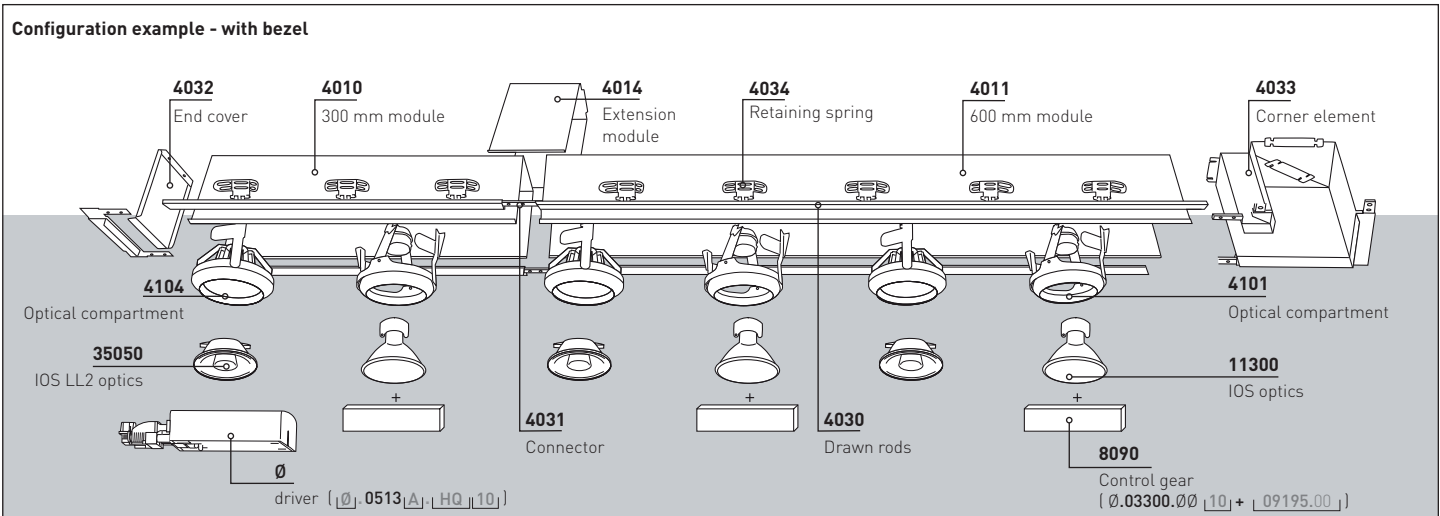
Back housings
trimless / with bezel

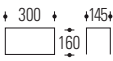
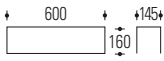
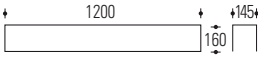
In order to achieve the desired lighting configuration, the is supplied without optical compartments.
When ordering, it is necessary to indicate the reference for **the back housing** (Ø.03280.00[10]).



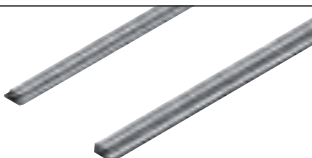
BACK HOUSING WITH 1 TO 2 MODULES PLACED IN LINE		details	mm	reference	finish reference	possible configuration
		back housing for 1 optical compartment - trimless	148x148	Ø.04070.00	[21]	Ø.04070.00[21]
		back housing for 1 optical compartment - with bezel	155x155	Ø.04080.00	[21]	Ø.04080.00[21]
		back housing for 2 optical compartment - trimless	288x148	Ø.04071.00	[21]	Ø.04071.00[21]
		back housing for 2 optical compartment - with bezel	310x155	Ø.04081.00	[21]	Ø.04081.00[21]
		back housing for 3 optical compartment - trimless	424x148	Ø.04072.00	[21]	Ø.04072.00[21]
		back housing for 3 optical compartment - with bezel	437x155	Ø.04082.00	[21]	Ø.04082.00[21]

Modular recessed lighting system (with bezel / trimless)



MODULE	details	l/mm	reference	finish reference	possible configuration
 	Module for max 2 optical compartments	300	0.04010.00	[21]	0.04010.00[21]
 	Module for max 4 optical compartments	600	0.04011.00	[21]	0.04011.00[21]
 	Module for max 6 optical compartments	900	0.04012.00	[21]	0.04012.00[21]
 	Module for max 8 optical compartments	1200	0.04013.00	[21]	0.04013.00[21]

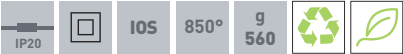
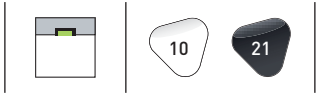
Modular recessed lighting system with bezel

	details	reference	finish reference	possible configuration
	pair of end covers	Ø.04032.00	21	Ø.04032.00 21
	pair of drawn rods for installation with bezel (length 3000 mm)	Ø.04030.00	21	Ø.04030.00 21
	KlikFix retainer device (2 pcs) for pair of drawn rods (spacing 350 mm)	Ø.04034.00	00	Ø.04034.00 00
	connector (2 pcs)	Ø.04031.00	00	Ø.04031.00 00
	extension module from 10 to 130 mm	Ø.04014.00	21	Ø.04014.00 21
	corner element, 90°	Ø.04033.00	21	Ø.04033.00 21
	fitting for air conditioning, Ø 100 mm	Ø.04091.00	21	Ø.04091.00 21

Trimless modular recessed lighting system

details		reference	finish reference	possible configuration
	pair of end covers	Ø.04022.00	21	Ø.04022.00 21
	pair of drawn rods for installation with bezel (length 3000 mm)	Ø.04020.00	21	Ø.04020.00 21
	connector	Ø.04021.00	00	Ø.04021.00 00
	extension module from 10 to 130 mm	Ø.04014.00	21	Ø.04014.00 21
	corner element, 90°	Ø.04033.00	21	Ø.04033.00 21
	fitting for air conditioning, Ø 100 mm	Ø.04091.00	21	Ø.04091.00 21

Optical compartment with LED
and control gear technology



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

30 W			3500 lm					
LED	driver reference	optical compartment reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	B517	A	11°	HQ	2944	3000	>90	10
		B	15°	WW	3617	3000	>80	21
		C	21°	NN	3798	4000	>80	
		D	29°					
		E	51°					
		F	Mira α/β					
V								
D			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.

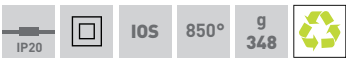
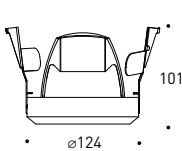
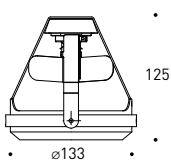
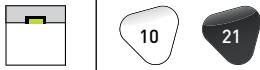
22 W		2500 lm						
LED	driver reference	optical compartment reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲	nom. lm	K	CRI		
Ø	B515	A	11°	HQ	2038	3000	>90	10
		B	15°	WW	2650	3000	>80	21
		C	21°	NN	2759	4000	>80	
		D	29°					
		E	51°					
		F	Mira α/β					
V								
D								
T			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.



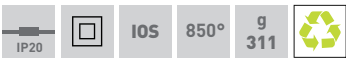
Back housings (pg. 136). Accessories (pg. 143).
Photometric data (pg. 704-705 / 708-709 / 712-713).

Optical compartment for metal halide lamps



MH IOS	MT G12	optical compartment reference	finish reference
35 - 150 W	0.04100.00	10	21
+			
IOS MH4 optics			
▲			
	0.03305.00	10° - 12° - 14° - 16°	
	0.03306.00	30° - 22° - 24° - 24°	
	0.03307.00	88° - 74° - 78° - 82°	
	0.03308.00	Mira	
+			
control gear technologies			
08094.00		HF for metal halide lamps, 20W	
08090.00		HF for metal halide lamps, 35W	
08096.00		HF for metal halide lamps, 70W	
08089.00		HF for metal halide lamps, 150W	
possible configuration	0.04100.00 10 + 03305.00 + 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	CDM-TC G8.5	optical compartment reference	finish reference
20 - 35 - 70 W	0.04101.00	10	21
+			
IOS MH2 optics			
▲			
	0.11300.00	14° - 16°	
	0.11301.00	34° - 34°	
	0.11302.00	56° - 58°	
	0.11303.00	Mira	
+			
control gear technologies			
08094.00		HF for metal halide lamps, 20W	
08090.00		HF for metal halide lamps, 35W	
08096.00		HF for metal halide lamps, 70W	
08089.00		HF for metal halide lamps, 150W	
possible configuration	0.04101.00 10 + 11300.00 + 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.

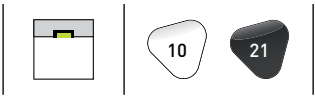


Back housings (pg. 136). Accessories (pg. 143).
Photometric data (pg. 769).



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

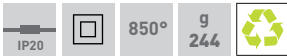
Optical compartment for low voltage halogen lamps with built-in reflector and metal halide lamps



HALO		QR-111 G53	optical compartment reference	finish reference
65 W		0.04102.00	[10]	[21]

+		control gear technologies
09196.00		Electronic transformer 100W
possible configuration	0.04102.00 [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.



MH		CDM-R111 GX8.5	optical compartment reference	finish reference
20-35-70 W		0.04103.00	[10]	[21]

+		control gear technologies
08094.00		HF for metal halide lamps, 20W
08090.00		HF for metal halide lamps, 35W
08096.00		HF for metal halide lamps, 70W
possible configuration	0.04103.00 [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.

Accessories
LED

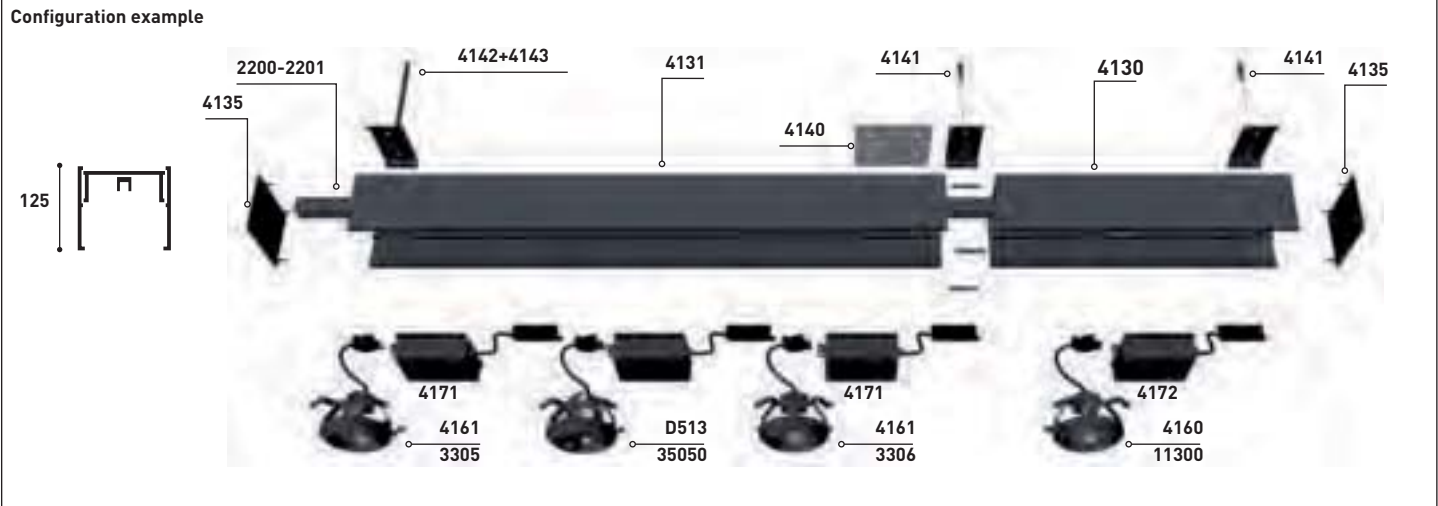
MOSAICO EASYIOS		details	IOS	▲	reference	finish reference		
LED IOS LL2		interchangeable optical system	A	11°	0.35050.00	[00]		
			B	15°	0.35049.00			
			C	21°	0.35051.00			
			D	29°	0.35052.00			
			E	51°	0.35053.00			
			F	Mira*	0.35054.00			
			H	W. W.	0.35059.00			
LED IOS LL2 FOOD		interchangeable optical system with selective filters	IOS LL2	11°	0.35050.00	[64]		
				15°	0.35049.00	[65]		
				21°	0.35051.00	[66]		
				29°	0.35052.00	[67]		
				51°	0.35053.00			
				shield finish				
				64 green				
65 light blue								
66 orange								
67 pink								
possible configuration					0.35050.00 [00]			

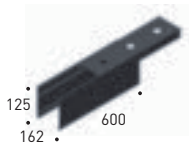
Accessories
metal halide lamps

MOSAICO EASYIOS		details	IOS	▲	reference	finish reference
MH IOS MH2	 • ø80 •	interchangeable optical system	IOS MH2	14°/16°	0.11300.00	[00]
				34°	0.11301.00	
				56°/58°	0.11302.00	
				Mira*	0.11303.00	
MH IOS MH2 FOOD	 • ø80 •	interchangeable optical system with selective filters	IOS MH2	14°/16°	0.11300.00	[64]
				34°	0.11301.00	[65]
				56°/58°	0.11302.00	[66]
						[67]
MH IOS MH2 UV/IR	 • ø80 •	interchangeable optical system	IOS MH2	14°/16°	0.11300.00	[59]
				34°	0.11301.00	[79]
				56°/58°	0.11302.00	[74]
						[75]
						[76]
MH IOS MH2	 • ø80 •	shield finish	IOS MH2			[77]
MH IOS MH4	 • ø80 •	interchangeable optical system	IOS HL2	10°/12°	0.03305.00	[00]
				14°/16°	0.03306.00	
				30°/22°	0.03307.00	
				24°/24°	0.03308.00	
				78°/82°	0.03309.00	
MH IOS MH4 FOOD	 • ø80 •	interchangeable optical system with selective filters	IOS HL2	10°/12°	0.03305.00	[64]
				14°/16°	0.03306.00	[65]
				30°/22°	0.03307.00	[66]
				24°/24°	0.03308.00	[67]
				78°/82°	0.03309.00	
MH IOS MH4 UV/IR	 • ø80 •	interchangeable optical system	IOS HL2	10°/12°	0.03305.00	[59]
				14°/16°	0.03306.00	[79]
				30°/22°	0.03307.00	[74]
				24°/24°	0.03308.00	[75]
				78°/82°	0.03309.00	[76]
MH IOS MH4	 • ø80 •	shield finish	IOS HL2			[77]
possible configuration					0.11300.00	[10]

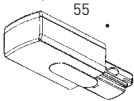
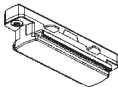
Surface-mounted and pendant modular lighting system

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**.

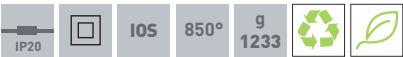


MODULE	details	l/mm	reference	finish reference	possible configuration
	module + connectors (2 pcs)	600	Ø.04130.00	[10]	Ø.04130.00[10]
				[21]	
	module + connectors (2 pcs)	1200	Ø.04131.00	[10]	Ø.04131.00[10]
				[21]	
	1-circuit track	2000	Ø.02200.00	[10]	Ø.02200.00[10]
		3000	Ø.02201.00	[21]	
	end covers (2 pcs) + alignment template included		Ø.04135.00	[10]	Ø.04135.00[10]
				[21]	
	coupling plate (for ceiling mounting only, 1 pc)		Ø.04140.00	[10]	Ø.04140.00[10]
				[21]	

Surface-mounted and pendant modular lighting system

	details	reference	finish	possible configuration
			reference	
	track control gear	Ø.02208.00	10	Ø.02208.0010
			21	
	track end cap (dead end)	Ø.02220.00	10	Ø.02220.0010
			21	
	track connector	Ø.02211.00	10	Ø.02211.0010
			21	
	5000 mm long wire (1 pc) + support plate	Ø.04141.00	10	Ø.04141.0010
			21	
	rod device + 5000 mm long wire (1 pc) + support plate	Ø.04142.00	10	Ø.04142.0010
			21	
	3000 mm long rod conduit (1 pc)	Ø.04143.00	10	Ø.04143.0010
			21	

Optical compartment with LED
and control gear technology



13 W			1500 lm					
LED	driver reference	optical compartment reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	D513	A	11°	HQ	1221	3000	>90	10
		B	15°	WW	1500	3000	>80	21
		C	21°	NN	1661	4000	>80	
		D	29°					
		E	51°					
		F	Mira α/β					
V								
D								
T			K	without optics				
possible configuration					Ø.D513A 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.

22 W			1500 lm					
LED	driver reference	optical compartment reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
[Ø]	D515	[A]	11°	[HQ]	2038	3000	>90	[10]
		[B]	15°	[WW]	2650	3000	>80	[21]
		[C]	21°	[NN]	2759	4000	>80	
		[D]	29°					
		[E]	51°					
		[F]	Mira α/β					
[V]								
[D]								
[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
Ø4181.00	[10]	emergency pack tray	
	[21]		
possible configuration		Ø.04181.00 [10]	

		finish reference	emergency pack
Ø4181.00	[10]	emergency pack tray	
	[21]		
possible configuration		Ø.04181.00 [10]	

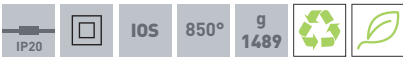


Module (pg. 144). Accessories (pg. 149).
Photometric data (pg. 704-705).



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

Optical compartment with LED
and control gear technology



30 W			3500 lm				
LED	driver reference	optical compartment reference	optics reference	lumen reference			finish reference
			IOS LL2 ▲	nom. lm	K	CRI	
[Ø]	D517	[A]	11°	[HQ]	2038	3000 >90	[10]
		[B]	15°	[WW]	2650	3000 >80	[21]
[V]		[C]	21°	[NN]	2759	4000 >80	
[D]		[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
Ø4181.00	[10]	emergency pack tray
	[21]	
possible configuration		Ø.04181.00[10]



Module [pg. 144]. Accessories [pg. 149].
Photometric data [pg. 712-713].

Optical compartment for metal halide lamps

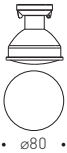


MH IOS	MT G12	optical compartment reference	finish reference

20 - 35 - 70 W	0.04161.00	[10] [21]



IOS MH4 optics



0.03305.00	10° - 12° - 14°
0.03306.00	30° - 22° - 24°
0.03307.00	88° - 74° - 78°
0.03308.00	Mira



control gear technologies

04170.00	HF for metal halide lamps, 20W
04171.00	HF for metal halide lamps, 35W
04172.00	HF for metal halide lamps, 70W

possible configuration	0.04161.00 [10] + [03305.00] + [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	CDM-TC G8.5	optical compartment reference	finish reference

20 - 35 - 70 W	0.04160.00	[10] [21]



IOS MH2 optics



0.11300.00	14° - 16°
0.11301.00	34° - 34°
0.11302.00	56° - 58°
0.11303.00	Mira



control gear technologies

04170.00	HF for metal halide lamps, 20W
04171.00	HF for metal halide lamps, 35W
04172.00	HF for metal halide lamps, 70W

possible configuration	0.04160.00 [10] + [03305.00] + [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.

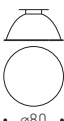
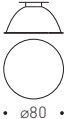


Module (pg. 144). Accessories (pg. 149).
Photometric data (pg. 769).



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

Accessories
LED

MOSAICO EASYIOS		details	IOS	▲	reference	finish reference
LED IOS LL2		interchangeable optical system	A	11°	0.35050.00	[00]
			B	15°	0.35049.00	
			C	21°	0.35051.00	
			D	29°	0.35052.00	
			E	51°	0.35053.00	
			F	Mira	0.35054.00	
			H	W. W.	0.35059.00	
LED IOS LL2 FOOD		interchangeable optical system with selective filters	IOS LL2	11°	0.35050.00	[64]
				15°	0.35049.00	[65]
				21°	0.35051.00	[66]
				29°	0.35052.00	[67]
				51°	0.35053.00	
				shield finish		
				64 green		
65 light blue						
66 orange						
67 pink						
possible configuration					0.35050.00 [00]	

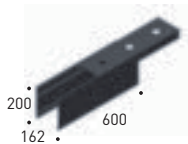
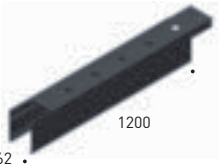
Accessories
metal halide lamps

MOSAICO EASYIOS		details	IOS	▲	reference	finish reference
MH IOS MH2	 • ø80 •	interchangeable optical system	IOS MH2	14°/16°	0.11300.00	[00]
				34°	0.11301.00	
				56°/58°	0.11302.00	
				Mira	0.11303.00	
MH IOS MH2 FOOD	 • ø80 •	interchangeable optical system with selective filters	IOS MH2	14°/16°	0.11300.00	[64]
				34°	0.11301.00	[65]
				56°/58°	0.11302.00	[66]
						[67]
MH IOS MH2 UV/IR	 • ø80 •	interchangeable optical system	IOS MH2	14°/16°	0.11300.00	[59]
				34°	0.11301.00	[79]
				56°/58°	0.11302.00	[74]
						[75]
MH IOS MH4	 • ø80 •	interchangeable optical system	IOS HL2	10°/12°	0.03305.00	[00]
				14°	0.03306.00	
				30°/22°	0.03307.00	
				88°/74°	0.03308.00	
MH IOS MH4 FOOD	 • ø80 •	interchangeable optical system with selective filters	IOS HL2	10°/12°	0.03305.00	[64]
				14°	0.03306.00	[65]
				30°/22°	0.03307.00	[66]
				88°/74°	0.03308.00	[67]
MH IOS MH4 UV/IR	 • ø80 •	interchangeable optical system	IOS HL2	10°/12°	0.03305.00	[59]
				14°	0.03306.00	[79]
				30°/22°	0.03307.00	[74]
				88°/74°	0.03308.00	[75]
MH IOS MH4	 • ø80 •	shield finish	IOS HL2	59 IR - 79 anti UV		[76]
				74 blue dichroic filter		[77]
				75 green dichroic filter		[78]
				76 yellow dichroic filter		[79]
possible configuration					0.11300.00	[10]

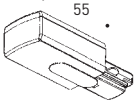
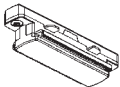
Surface-mounted and pendant modular lighting system

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**.

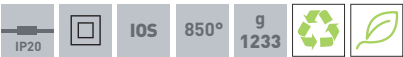


MODULE	details	l/mm	reference	finish reference	possible configuration
	module + connectors (2 pcs)	600	Ø.04120.00	[10] [21]	Ø.04120.00[10]
	module + connectors (2 pcs)	1200	Ø.04121.00	[10] [21]	Ø.04121.00[10]
	1-circuit track	2000 3000	Ø.02200.00 Ø.02201.00	[10] [21]	Ø.02200.00[10]
	end covers (2 pcs) + alignment template included		Ø.04125.00	[10] [21]	Ø.04125.00[10]
	coupling plate (for ceiling mounting only, 1 pc)		Ø.04140.00	[10] [21]	Ø.04140.00[10]

Surface-mounted and pendant modular lighting system

	details	reference	finish	possible configuration
			reference	
	track control gear	Ø.02208.00	10	Ø.02208.0010
			21	
	track end cap (dead end)	Ø.02220.00	10	Ø.02220.0010
			21	
	track connector	Ø.02211.00	10	Ø.02211.0010
			21	
	5000 mm long wire (1 pc) + support plate	Ø.04141.00	10	Ø.04141.0010
			21	
	rod device + 5000 mm long wire (1 pc) + support plate	Ø.04142.00	10	Ø.04142.0010
			21	
	3000 mm long rod conduit (1 pc)	Ø.04143.00	10	Ø.04143.0010
			21	

Optical compartment with LED
and control gear technology



13 W			1500 lm					
LED	driver reference	optical compartment reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	C513	A	11°	HQ	1221	3000	>90	10
		B	15°	WW	1500	3000	>80	21
		C	21°	NN	1661	4000	>80	
		D	29°					
		E	51°					
		F	Mira α/β					
V								
D								
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.

22 W			1500 lm					
LED	driver reference	optical compartment reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
[Ø]	C515	[A]	11°	[HQ]	2038	3000	>90	[10]
		[B]	15°	[WW]	2650	3000	>80	[21]
		[C]	21°	[NN]	2759	4000	>80	
		[D]	29°					
		[E]	51°					
		[F]	Mira α/β					
[V]								
[D]								
[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
Ø4181.00	[10]	emergency pack tray	
	[21]		
possible configuration		Ø.04181.00 [10]	

		finish reference	emergency pack
Ø4181.00	[10]	emergency pack tray	
	[21]		
possible configuration		Ø.04181.00 [10]	

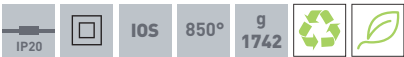


Module (pg. 150). Accessories (pg. 155).
Photometric data (pg. 704-705).



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

Optical compartment with LED
and control gear technology



30 W			3500 lm						
LED	driver reference	optical compartment reference	optics reference		lumen reference			finish reference	
			IOS LL2	▲	nom. lm	K	CRI		
[Ø]		C517	[A]	11°	[HQ]	2038	3000	>90	[10]
			[B]	15°	[WW]	2650	3000	>80	[21]
[V]			[C]	21°	[NN]	2759	4000	>80	
[D]			[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

Ø4181.00	[10]	emergency pack tray
	[21]	

possible configuration	Ø.04181.00[10]



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

Optical compartment for metal halide lamps



MH IOS	MT G12	optical compartment reference	finish reference
20 - 35 - 70 W	0.04151.00	[10]	[21]

IOS MH4 optics
10° - 12° - 14°
30° - 22° - 24°
88° - 74° - 78°
Mira

+	
control gear technologies	
Ø4170.00	HF for metal halide lamps, 20W
Ø4171.00	HF for metal halide lamps, 35W
Ø4172.00	HF for metal halide lamps, 70W
possible configuration	Ø.Ø4151.00 [10] + [03305.00] + [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	CDM-TC G8.5	optical compartment reference	finish reference
20 - 35 - 70 W	0.04150.00	[10]	[21]

IOS MH2 optics
14° - 16°
34° - 34°
56° - 58°
Mira

		+	
		control gear technologies	
	Ø4170.00	HF for metal halide lamps, 20W	
	Ø4171.00	HF for metal halide lamps, 35W	
	Ø4172.00	HF for metal halide lamps, 70W	
possible configuration	Ø.Ø4150.00 [10] + [03305.00] + [Ø4170.00]		

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.

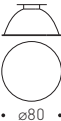
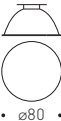
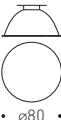
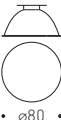


Module (pg. 150). Accessories (pg. 155).
Photometric data (pg. 769).



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

Accessories
LED

MOSAICO EASYIOS		details	IOS		reference	finish reference
 • ø80 •	 • ø80 •	interchangeable optical system	A	11°	0.35050.00	[00]
		shield finish 00 clear	B	15°	0.35049.00	
			C	21°	0.35051.00	
			D	29°	0.35052.00	
			E	51°	0.35053.00	
			F	Mira	0.35054.00	
			H	W. W.	0.35059.00	
 • ø80 •	 • ø80 •	interchangeable optical system with selective filters	IOS LL2	11°	0.35050.00	[64]
		shield finish 64 green 65 light blue 66 orange 67 pink		15°	0.35049.00	[65]
				21°	0.35051.00	[66]
				29°	0.35052.00	[67]
				51°	0.35053.00	
				possible configuration		0.35050.00 [00]

Accessories
metal halide lamps

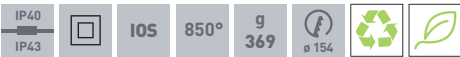
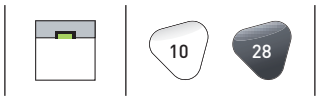
MOSAICO EASYIOS		details	IOS	▲	reference	finish reference	
MH IOS MH2	 • ø80 •	interchangeable optical system	IOS MH2	14°/16°	0.11300.00	[00]	
				34°	0.11301.00		
				56°/58°	0.11302.00		
				Mira	0.11303.00		
MH IOS MH2 FOOD	 • ø80 •	interchangeable optical system with selective filters	IOS MH2	14°/16°	0.11300.00	[64]	
				34°	0.11301.00	[65]	
				56°/58°	0.11302.00	[66]	
						[67]	
MH IOS MH2 UV/IR	 • ø80 •	interchangeable optical system	IOS MH2	14°/16°	0.11300.00	[59]	
				34°	0.11301.00	[79]	
				56°/58°	0.11302.00	[74]	
						[75]	
						[76]	
MH IOS MH4	 • ø80 •	interchangeable optical system	IOS HL2	10°/12°	0.03305.00	[00]	
				14°	0.03306.00		
				30°/22°	0.03307.00		
				88°/74°	0.03308.00		
				Mira	0.03309.00		
MH IOS MH4 FOOD	 • ø80 •	interchangeable optical system with selective filters	IOS HL2	10°/12°	0.03305.00	[64]	
				14°	0.03306.00	[65]	
				30°/22°	0.03307.00	[66]	
				88°/74°	0.03308.00	[67]	
MH IOS MH4 UV/IR	 • ø80 •	interchangeable optical system	IOS HL2	10°/12°	0.03305.00	[59]	
				14°	0.03306.00	[79]	
				30°/22°	0.03307.00	[74]	
				88°/74°	0.03308.00	[75]	
						[76]	
MH IOS MH4	 • ø80 •	interchangeable optical system with selective filters	IOS HL2	10°/12°	0.03305.00	[59]	
				14°	0.03306.00	[79]	
				30°/22°	0.03307.00	[74]	
				88°/74°	0.03308.00	[75]	
						[76]	
possible configuration						0.11300.00	[10]



MILED

fixed recessed luminaire

Round, fixed recessed luminaire with remote driver



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] [V] [D]	BE2N	[0]	68°	[HW]	1055	2700	>90	[10]
				[WW]	1655	3000	>85	[28]
				[NN]	1760	4000	>85	
possible configuration				[Ø] BE2N [0] [HW] [10]				

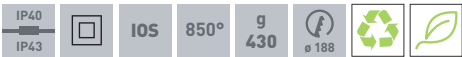
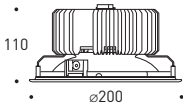
12 W			1320 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	BE2H	0	75°	HW	971	2700	>90	10
V				WW	1188	3000	>85	28
D				NN	1314	4000	>85	
T								
possible configuration				Ø BE2H 0 HW 10				

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
				WW	2470	3000	>85	28
				NN	2565	4000	>85	
V								
D								
possible configuration				Ø BE2E 0 HW 10				



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

Round, fixed recessed luminaire with remote driver



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

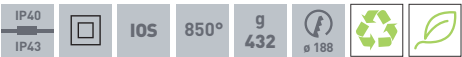
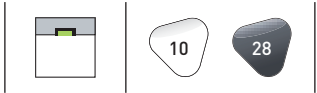
15 W				1740 lm				
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	CE2M	0	76°	HW	1305	2700	>90	10
				WW	1740	3000	>85	28
				NN	1915	4000	>85	
V								
D								
T								
possible configuration				Ø, CE2M, 0, HW, 10				

12 W			1320 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	CE2H	0	75°	HW	971	2700	>90	10
				WW	1188	3000	>85	28
				NN	1314	4000	>85	
V								
D								
T								
possible configuration				Ø-CE2H0-HW10				



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

Round, fixed recessed luminaire with remote driver



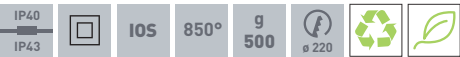
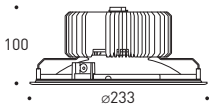
24 W				2470 lm				
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	CE2E	0	75°	HW	1637	2700	>90	10
				WW	2470	3000	>85	28
				NN	2565	4000	>85	
V								
D								
possible configuration				Ø, CE2E, 0, HW, 10				

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



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

Round, fixed recessed luminaire with remote driver



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

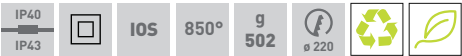
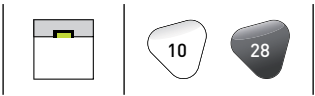
15 W			1740 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2	▲	nom. lm	K	CRI	
Ø	DE2M	0	76°	HW	1305	2700	>90	10
				WW	1740	3000	>85	28
				NN	1915	4000	>85	
V								
D								
T								
possible configuration					Ø, DE2M, 0, HW, 10			

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



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

Round, fixed recessed luminaire with remote driver



24 W			2470 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	DE2E	Ø	75°	HW	1637	2700	>90	10
				WW	2470	3000	>85	28
				NN	2565	4000	>85	
V								
D								
possible configuration				Ø, DE2E, Ø, HW, 10				

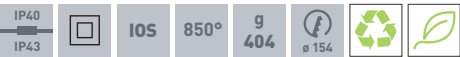
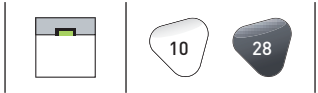
42 W			4000 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	DE2Q	Ø	75°	HW	3875	2700	>90	10
				WW	4000	3000	>90	28
				NN	5047	4000	>80	
V								
D								
possible configuration				Ø, DE2Q, Ø, HW, 10				

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



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

Round, fixed recessed luminaire with remote driver



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
		B	15°	WW	880	3000	>85	28
		C	22°	NN	975	4000	>85	
V		D	26°					
D		E	38°					
T		F	Mira α/β					
		G	63°					
		H	WW 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
		B	15°	WW	1655	3000	>85	28
		C	22°	NN	1760	4000	>85	
V		D	26°					
D		E	38°					
		F	Mira α/β					
		G	63°					
		H	W.W α/β					
		K	without optics					
possible configuration					Ø FE2N A HW 10			

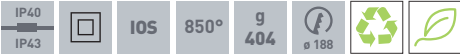
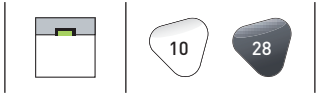
12 W		1320 lm						
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	FE2H	A	13°	HW	971	2700	>90	10
		B	17°	WW	1320	3000	>85	28
		C	26°	NN	1460	4000	>85	
V		D	29°					
D		E	45°					
T		F	Mira α/β					
		G	63°					
		H	W.W α/β					
		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
		B	17°	WW	2470	3000	>85	28
		C	26°	NN	2565	4000	>85	
V		D	29°					
D		E	45°					
		F	Mira α/β					
		G	63°					
		H	W.W α/β					
		K	without optics					
possible configuration				Ø FE2E A HW 10				



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

Round, fixed recessed luminaire with remote driver



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

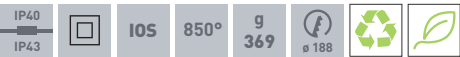
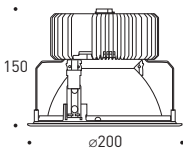
15 W			1740 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	GE2M	A	13°	HW	1305	2700	>90	10
		B	15°	WW	1740	3000	>85	28
V		C	22°	NN	1915	4000	>85	
		D	26°					
D		E	38°					
		F	Mira α/β					
		G	63°					
T		H	W.W α/β	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

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



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

Round, fixed recessed luminaire with remote driver



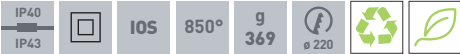
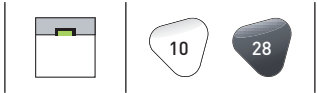
24 W		2470 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference
Ø V D	GE2E	IOS LL2 ▲	nom. lm	K	CRI		
		A 13°	HW	1637	2700	>90	10
		B 15°	WW	2470	3000	>85	28
		C 22°	NN	2565	4000	>85	
		D 26°					
		E 38°					
		F Mira α/β					
		G 63°					
		H W.W α/β			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

32 W		3285 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference
Ø V D	GE2P	IOS LL2 ▲	nom. lm	K	CRI		
		A 13°	HW	2132	2700	>90	10
		B 17°	WW	3285	3000	>85	28
		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 GE2P A HW 10			



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

Round, fixed recessed luminaire with remote driver



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

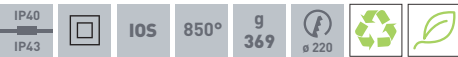
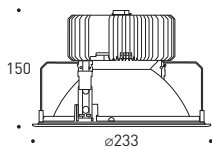
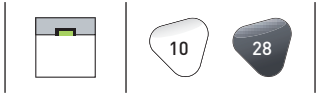
15 W			1740 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	HE2M	A	13°	HW	1305	2700	>90	10
		B	15°	WW	1740	3000	>85	28
		C	22°	NN	1915	4000	>85	
		D	26°					
		E	38°					
V		F	Mira α/β					
D		G	63°					
T		H	W.W α/β	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

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



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

Round, fixed recessed luminaire with remote driver



24 W			2470 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	HE2E	A	13°	HW	1637	2700	>90	10
		B	15°	WW	2470	3000	>85	28
V		C	22°	NN	2565	4000	>85	
D		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			finish reference	
			IOS LL2 ▲	nom. lm	K	CRI		
Ø	HE2Q	A	13°	HW	3875	2700	>90	10
		B	15°	WW	4000	3000	>90	28
V		C	22°	NN	5047	4000	>80	
D		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			finish reference
			IOS LL2	▲	nom. lm	K	CRI	
Ø	HE2P	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	WW α/β					
		K	without optics					
possible configuration					Ø HE2P A HW 10			



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

Accessories
compact LED

MILED		details	IOS		reference	finish reference	
LED IOS LL2	  • ø80 •	interchangeable optical system	0	68°	0.35057.00	00	
		shield finish 00 clear		75° 76°			
LED IOS LL2	  • ø80 •	interchangeable optical system with selective filters	0	68°	0.35057.00	64	
		shield finish		75°		65	
				64 green 65 light blue 66 orange 67 pink		76°	66
							67
						 1 HOUR	emergency pack for LED luminaires including Ni/Cd battery with 1h back-up
sizes in mm 160 x 55 x 90 (L x W x H)							
possible configuration					0.35057.00	00	

Accessories
comfort LED

MILED		details	IOS		reference	finish reference			
LED IOS LL2	 • ø80 •	interchangeable optical system	A	13°	0.35050.00				
		shield finish 00 clear	B	15°/17°	0.35049.00				
			C	22°/26°	0.35051.00				
			D	26°/29°	0.35052.00				
			E	38°/45°	0.35053.00				
			F	Mira*	0.35054.00				
			G	63°	0.35055.00				
			H	W. W.	0.35059.00				
LED IOSLL2 FOOD	 • ø80 •	interchangeable optical system with selective filters	IOS LL2	13°	0.35050.00				
				15°/17°	0.35049.00				
		shield finish 64 green 65 light blue 66 orange 67 pink		22°/26°	0.35051.00				
				26°/29°	0.35052.00				
				38°/45°	0.35053.00				
				Mira*	0.35054.00				
				63°	0.35055.00				
				W. W.	0.35059.00				
				 1 HOUR	emergency pack for LED luminaires including Ni/Cd battery with 1h back-up			0.35081.00	
					sizes in mm 160 x 55 x 90 (L x W x H)				
possible configuration					0.35050.00				

* elliptical beam

* elliptical beam

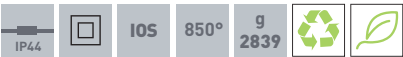




CYLED

fixed projector

Fixed projector for surface mounting



8 W		880 lm							
LED	driver reference	product reference	optics reference	lumen reference			finish reference		
Ø V D	BDØC	IOS LL2 ▲		nom. lm	K	CRI			
			A	13°	WW	880	3000	>85	10
			B	15°	NN	975	4000	>85	12
			C	22°					21
			D	26°					28
			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	
	DDØH	IOS LL2 ▲	A	13°	WW	1320	3000	>85	10
			B	17°	NN	1460	4000	>85	12
			C	26°					21
			D	29°					28
			E	45°					31
			F	Mira					
			K	without optics					
			possible configuration				Ø. DDØH A WW 10		

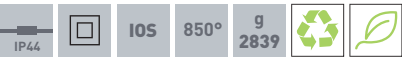
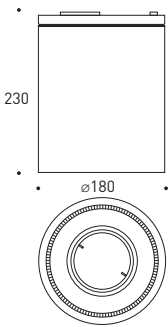
16 W			1665 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
Ø V D	CDØN	IOS LL2 ▲		nom. lm	K	CRI			
			A	13°	WW	1655	3000	>85	10
			B	15°	NN	1760	4000	>85	12
			C	22°					21
			D	26°					28
			E	38°					31
			F	Mira					
			K	without optic					
possible configuration					Ø, CDØN, A, WW, 10				

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



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

Fixed projector for surface mounting



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 shield finish 00 clear	A	11°	0.35050.00	00
		B	15°	0.35049.00	
		C	21°	0.35051.00	
		D	29°	0.35052.00	
		E	51°	0.35053.00	
		F	Mira*	0.35054.00	
		H	W. W.	0.35059.00	
LED IOSLL2 FOOD	 • ø80 • interchangeable optical system with selective filters shield finish 64 green 65 light blue 66 orange 67 pink	IOS LL2	11°	0.35050.00	64
			15°	0.35049.00	65
			21°	0.35051.00	66
			29°	0.35052.00	67
			51°	0.35053.00	
* elliptical beam					
possible configuration				0.35050.00 00	



Linear systems

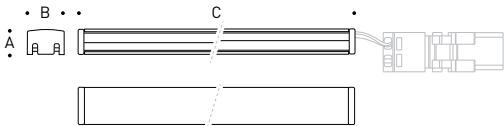
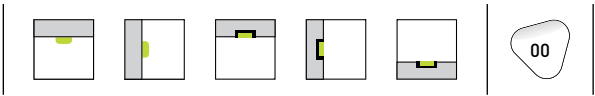
Linea Luce Slim	178-185
Linea Luce LED	186-195
Recessed luminaires	188-190
Pendants	192-193
Flure	196-203
Wall-mounted	198-201
Recessed luminaires	202



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			finish reference	
			nom. lm	K	CRI		
	Ø.31700	95°	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			finish reference	
			nom. lm	K	CRI		
	Ø.31702	95°	HW	1066	2700	>85	00
			WW	1110	3000	>85	
			NN	1170	4000	>85	
possible configuration			Ø.31702 WW 00				
sizes in mm							
A		B			C		
7		10			1066,5		

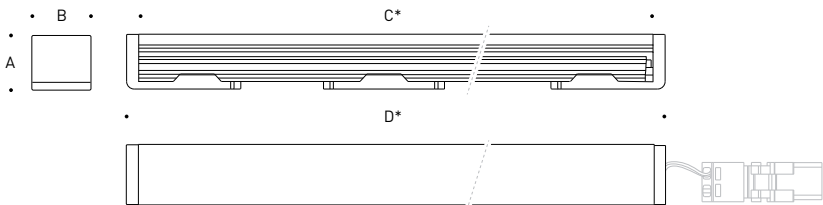
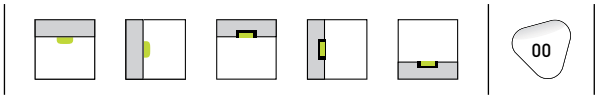
6 W		740 lm					
LED	module reference	beam width	lumen reference			finish reference	
			nom. lm	K	CRI		
	Ø.31701	95°	<u>HW</u>	710	2700	>85	<u>00</u>
			<u>WW</u>	740	3000	>85	
			<u>NN</u>	780	4000	>85	
possible configuration			Ø.31701. <u>WW</u> <u>00</u>				
sizes in mm							
A		B		C			
7		10		716,5			

12 W		1480 lm					
LED	module reference	beam width	lumen reference			finish reference	
			nom. lm	K	CRI		
	Ø.31703	95°	HW	1421	2700	>85	00
			WW	1480	3000	>85	
			NN	1560	4000	>85	
possible configuration			Ø.31703_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



4,5 W		585 lm					
LED	module reference	beam width	lumen reference			finish reference	
			nom. lm	K	CRI		
	Ø.31721	85°	<u>HW</u>	528	2700	>85	<u>00</u>
			<u>WW</u>	550	3000	>85	
			<u>NN</u>	585	4000	>85	
possible configuration			Ø.31721. <u>WW</u> <u>00</u>				
sizes in mm							
A	B	C*			D*		
14.5	16	203			210		

13,5 W		1755 lm					
LED	module reference	beam width	lumen reference			finish reference	
			nom. lm	K	CRI		
	Ø.31726	85°	<u>HW</u>	1584	2700	>85	<u>00</u>
			<u>WW</u>	1650	3000	>85	
			<u>NN</u>	1755	4000	>85	
possible configuration			Ø.31726- <u>WW</u> - <u>00</u>				
sizes in mm							
A		B		C*		D*	
14.5		16		604		611	

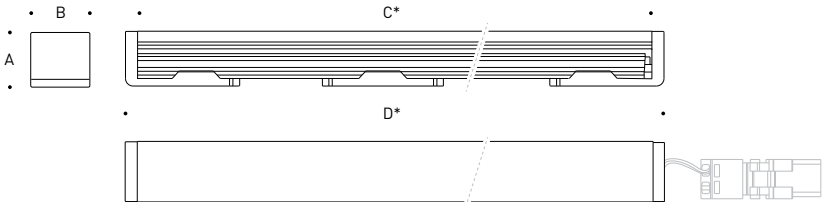
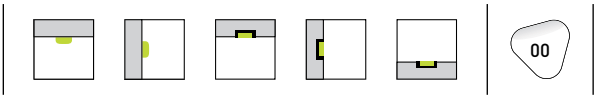
9 W		1170 lm				
LED	module reference	beam width	lumen reference			finish reference
			nom. lm	K	CRI	
	Ø.31725	85°	<u>HW</u>	1056	2700	>85
			<u>WW</u>	1100	3000	>85
			<u>NN</u>	1170	4000	>85
possible configuration			Ø.31725 <u>WW</u> <u>00</u>			
sizes in mm						
A		B		C*		D*
14.5		16		404		411

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			finish reference	
			nom. lm	K	CRI		
	Ø.31727	85°	<u>HW</u>	2112	2700	>85	<u>00</u>
			<u>WW</u>	2200	3000	>85	
			<u>NN</u>	2330	4000	>85	
possible configuration			Ø.31727_ <u>WW</u> <u>00</u>				
sizes in mm							
A	B	C*			D*		
14.5	16	804			811		

54 W		6995 lm					
LED	module reference	beam width	lumen reference			finish reference	
			nom. lm	K	CRI		
	Ø.31729	85°	<u>HW</u>	6356	2700	>85	<u>00</u>
			<u>WW</u>	6600	3000	>85	
			<u>NN</u>	6995	4000	>85	
possible configuration			Ø.31729. <u>WW</u> <u>00</u>				
sizes in mm							
A	B	C*			D*		
14.5	16	2406			2411		

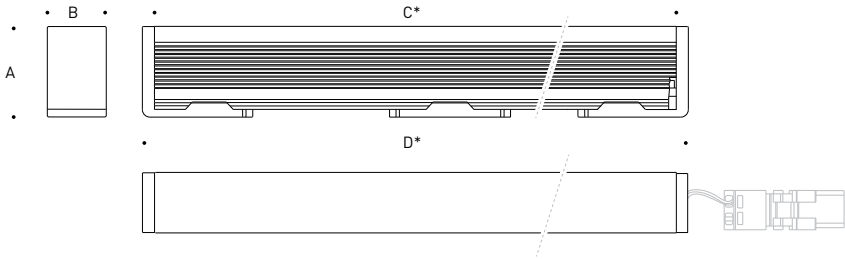
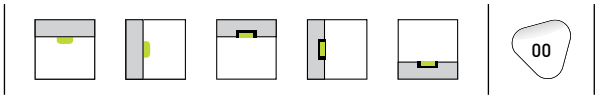
27 W		3500 lm					
LED	module reference	beam width	lumen reference			finish reference	
			nom. lm	K	CRI		
	Ø.31728	85°	<u>HW</u>	3168	2700	>85	<u>00</u>
			<u>WW</u>	3300	3000	>85	
			<u>NN</u>	3500	4000	>85	
possible configuration			Ø.31728 <u>WW</u> <u>00</u>				
sizes in mm							
A		B		C*		D*	
14.5		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



4,5 W		585 lm					
LED	module reference	beam width	lumen reference			finish reference	
		▲	nom. lm K CRI				
	Ø.31761	8°	<u>HW</u>	528	2700	>85	<u>00</u>
	Ø.31751	59°	<u>WW</u>	550	3000	>85	
	Ø.31741	85°	<u>NN</u>	585	4000	>85	
possible configuration			Ø.31761. <u>WW</u> <u>00</u>				
sizes in mm							
A		B		C*		D*	
24		16		203		210	

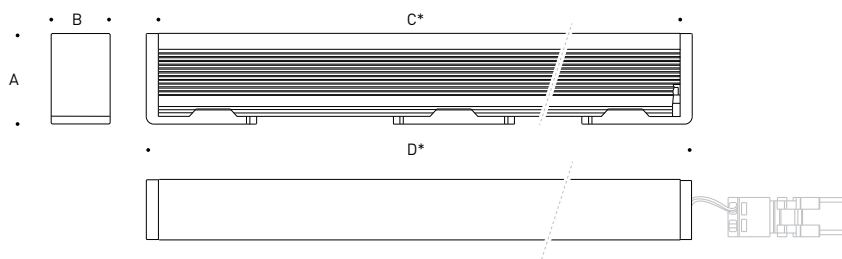
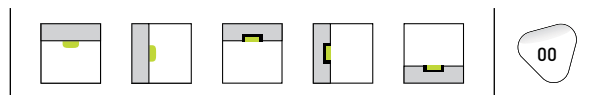
13,5 W		1755 lm					
LED	module reference	beam width	lumen reference			finish reference	
		▲	nom. lm K CRI				
Ø.31766		8°	<u>HW</u>	1584	2700	>85	<u>00</u>
Ø.31756		59°	<u>WW</u>	1650	3000	>85	
Ø.31746		85°	<u>NN</u>	1755	4000	>85	
possible configuration				Ø.31766. <u>WW</u> <u>00</u>			
sizes in mm							
A		B		C*		D*	
14.5		16		604		611	

9 W		1170 lm					
LED	module reference	beam width	lumen reference			finish reference	
		▲	nom. lm	K	CRI		
	Ø.31765	8°	<u>HW</u>	1056	2700	>85	<u>00</u>
	Ø.31755	59°	<u>WW</u>	1100	3000	>85	
	Ø.31745	85°	<u>NN</u>	1170	4000	>85	
possible configuration				Ø.31765. <u>WW</u> <u>00</u>			
sizes in mm							
A		B		C*		D*	
24		16		402		409	

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

18 W

2330 lm

LED	module reference	beam width	lumen reference			finish reference	
			nom. lm	K	CRI		
	Ø.31767	8°	HW	2112	2700	>85	00
	Ø.31757	59°	WW	2200	3000	>85	
	Ø.31747	85°	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	8°	<u>HW</u>	6336	2700	>85	<u>00</u>
	Ø.31759	59°	<u>WW</u>	6600	3000	>85	
	Ø.31749	85°	<u>NN</u>	6995	4000	>85	
possible configuration			Ø.31769- <u>WW</u> - <u>00</u>				
sizes in mm							
A	B	C*	D*				
24	16	2406	2413				

27 W

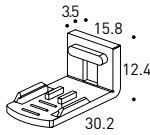
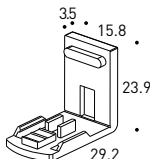
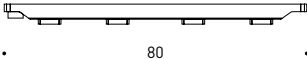
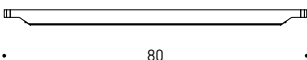
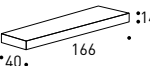
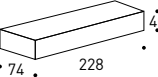
3500 lm

LED	module reference	beam width	lumen reference			finish reference	
			nom. lm	K	CRI		
	Ø.31768	8°	<u>HW</u>	3168	2700	>85	<u>00</u>
	Ø.31758	59°	<u>WW</u>	3300	3000	>85	
	Ø.31748	85°	<u>NN</u>	3500	4000	>85	
possible configuration			Ø.31768- <u>WW</u> - <u>00</u>				
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

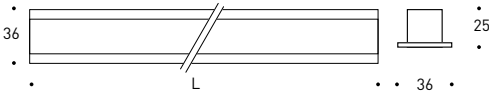
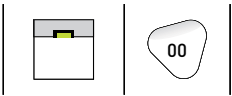
		LOW	MEDIUM		HIGH				
details		reference	reference	reference	finish reference	possible configuration			
	spring retaining clip for fixing to surface	Ø.31705.00			[00]	Ø.31705.00[00]			
	spring retaining clip for fixing to surface		Ø.31735.00	Ø.31735.00	[00]	Ø.31735.00[00]			
	end covers		Ø.31714.00		[00]	Ø.31714.00[00]			
	end covers			Ø.31715.00	[00]	Ø.31715.00[00]			
	coupler to mount luminaires in sequence			Ø.31716.00	[00]	Ø.31716.00[00]			
	coupler to mount luminaires in sequence		Ø.31717.00		[00]	Ø.31717.00[00]			
	universal joint		Ø.31736.00	Ø.31736.00	[00]	Ø.31736.00[00]			
	electronic driver 220-240V 50/60Hz 12Vcc	Ø.31710.00			[00]	Ø.31710.00[00]			
	electronic driver 220-240V 50/60Hz 24Vcc	 	20W	Ø.31550.00	20W	Ø.31550.00	[00]	Ø.31550.00[00]	
			100W	Ø.31555.00	100W	Ø.31555.00			
		 							



LINEA LUCE LED

modular lighting system

Modular recessed lighting segments with LEDs.



6 W-12V				525 lm				
LED	product reference	L mm	beam width	lumen reference			finish reference	
				nom. lm	K	CRI		
	Ø.31800	702	α 98° β 95°	HW	710	2700	>85	00
				WW	740	3000	>85	
				NN	780	4000	>85	
possible configuration				Ø.31800 WW 00				

13,5 W-24V				1131 lm				
LED	product reference	L mm	beam width	lumen reference			finish reference	
				nom. lm	K	CRI		
	Ø.31500	600	α 105°	<u>HW</u>	1584	2700	>85	<u>00</u>
			β 106°	<u>WW</u>	1131	3000	>85	
			<u>NN</u>	1191	4000	>85		
possible configuration				Ø.31500 <u>WW</u> <u>00</u>				

9 W-12V				700 lm				
LED	product reference	L mm	beam width	lumen reference			finish reference	
				nom. lm	K	CRI		
	Ø.31801	1052	α 98° β 95°	HW	1066	2700	>85	00
				WW	1110	3000	>85	
				NN	1170	4000	>85	
possible configuration				Ø.31801 WW 00				

18 W-24V				1508 lm				
LED	product reference	L mm	beam width	lumen reference				finish reference
			▲	nom. lm	K	CRI		
	Ø.31510	800	α 105° β 106°	HW	2112	2700	>85	00
				WW	2200	3000	>85	
				NN	2330	4000	>85	
possible configuration				Ø.31510 WW 00				

12 W-12V				1050 lm				
LED	product reference	L mm	beam width	lumen reference			finish reference	
				nom. lm	K	CRI		
	Ø.31802	1408	α 98° β 95°	HW	1421	2700	>85	00
				WW	1480	3000	>85	
				NN	1560	4000	>85	
possible configuration				Ø.31802 WW 00				

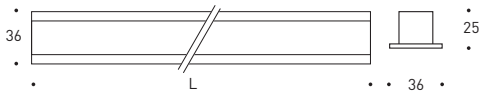
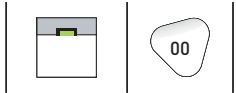
Electronic driver: 0.31710.00 20W 220-240V 50/60Hz 12Vcc
to order separately (see page 191)

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.



27 W-24V				2262 lm		
LED	product reference	L mm	beam width	lumen reference		
				nom. lm	K	CRI
	Ø.3152Ø	1200	α 105° β 106°	HW	3168	2700 >85
				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
	Ø.31535	2400	α 105° β 106°	HW	6336	2700 >85
				WW	6600	3000 >85
				NN	6995	4000 >85
possible configuration				Ø.31535 WW 00		

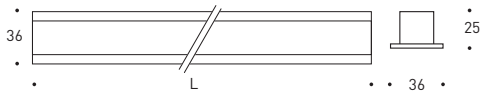
Electronic driver: 0.31555.00 100W 220-240V 50/60Hz 24Vcc to order separately (see page 191)

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.



12 W-24V

LED	product reference	L mm		finish reference
	Ø.31600	600	RGB LED	00
possible configuration		Ø.31600 00 00		

24 W-24V

LED	product reference	L mm		finish reference
	Ø.31610	1200	RGB LED	00
possible configuration		Ø.31610 00 00		

16 W-24V

LED	product reference	L mm		finish reference
	Ø.31605	800	RGB LED	00
possible configuration		Ø.31605 00 00		

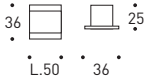
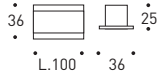
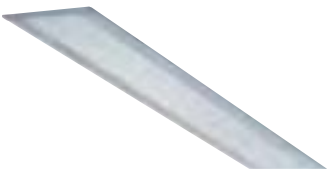
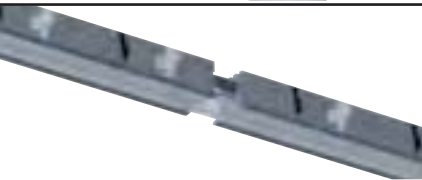
48 W-24V

LED	product reference	L mm		finish reference
	Ø.31615	2400	RGB LED	00
possible configuration		Ø.31605 00 00		

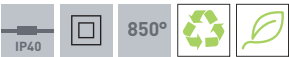
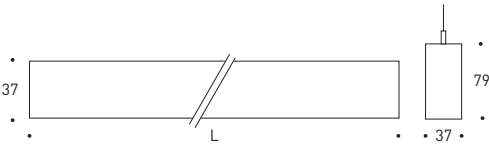
Electronic driver: 0.31555.00 100W 220-240V 50/60Hz 24Vcc to order separately (see page 191)

Accessories (pg. 191).

Components

	details	l/mm	reference		finish reference	possible configuration
	complementary element L = 50mm	50	24V	Ø.31450.WW Ø.31450.NN	[00]	Ø.31450.WW[00]
			12V	Ø.31806.WW Ø.31806.NN		
	complementary element L = 100mm	50	24V	Ø.31460.WW Ø.31460.NN	[00]	Ø.31460.WW[00]
			12V	Ø.31807.WW Ø.31807.NN		
	corner complementary element	50	24V	Ø.31470.WW Ø.31470.NN	[00]	Ø.31470.WW[00]
			12V	Ø.31808.WW Ø.31808.NN		
	electronic driver 220-240V 50/60Hz 12Vcc		20W	Ø.31710.00	[00]	Ø.31710.00[00]
						
	electronic driver 220-240V 50/60Hz 24Vcc		20W	Ø.31550.00		
			100W	Ø.31555.00		
	Control device (1-10 V) for white LEDs to install between driver and LED module, max120W			Ø.31561.00	[00]	Ø.31561.00[00]
	emergency pack, max 30W			Ø.31565.00		
	DALI/SWITCH DIM device to install between driver and LED module, max 120W			Ø.31560.00		
	end cover			Ø.31540.00	[00]	Ø.31540.00[00]
	two end covers included in every pack					
	diffuser length 3000mm we recommend positioning the diffuser as shown			Ø.31547.00	[00]	Ø.31547.00[00]
	coupler to join two or more Linea Luce lighting segments together			Ø.31545.00	[00]	Ø.31545.00[00]
	interface device to control RGB LEDs				[00]	Ø.31630.00[00]
	1-10V		48W	Ø.31630.00		
	DALI 1 for each colour		48W	Ø.31631.00		
	DMX		48W	Ø.31632.00		

Modular pendant lighting system with LEDs and driver



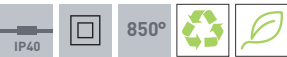
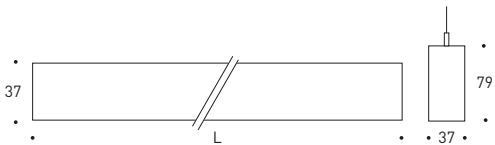
13,5 W			1755 lm					
LED	product reference	L mm	beam width	lumen reference			finish reference	
				nom. lm	K	CRI		
	Ø.39500	600	α 105° β 106°	HW	1584	2700	>85	[10]
				WW	1650	3000	>85	[21]
				NN	1755	4000	>85	[28]
possible configuration				Ø.39500 [WW][00]				

18 W			2330 lm					
LED	product reference	L mm	beam width	lumen reference			finish reference	
				nom. lm	K	CRI		
	Ø.39510	800	α 105° β 106°	HW	2112	2700	>85	10
WW				2200	3000	>85	21	
NN				2330	4000	>85	28	
possible configuration				Ø.39510 WW 00				

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

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

Modular pendant lighting system with LEDs and driver



27 W			3500 lm					
LED	product reference	L mm	beam width	lumen reference			finish reference	
				nom. lm	K	CRI		
	Ø.39520	1200	α 105° β 106°	HW	3168	2700	>85	10
				WW	3300	3000	>85	21
				NN	3500	4000	>85	28
possible configuration				Ø.39520 WW 00				

54 W			6995 lm			
LED	product reference	L mm	beam width	lumen reference		finish reference
				nom. lm	K	CRI
	Ø.39530	2400	α 105° β 106°	WW	3000	>85
				NN	4000	>85
				NN	6995	4000 >85
possible configuration				Ø.39530 WW 00		

Components

details		reference	finish reference	possible configuration
	end cover	Ø.3954Ø.00	00	Ø.3954Ø.0000
	two end covers included in every pack			
	diffuser length 3000mm	Ø.31548.00	00	Ø.31548.0000
	we recommend positioning the diffuser as shown			
	coupler to join two or more Linea Luce lighting segments together	Ø.39545.00	00	Ø.39545.0000
	ceiling clamp	Ø.39546.00	10	Ø.39546.0000
			21	
			28	



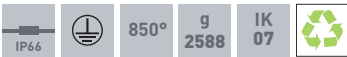
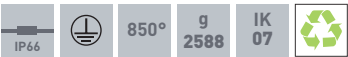
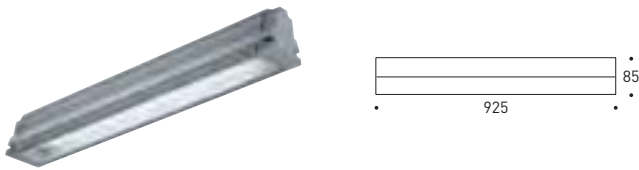
Palazzo di Propaganda Fide - Roma Italia



FLURE

modular lighting system

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



FLU	1x14W		1x24W		beam width	finish reference
		T5 (FH)	T5 (FQ)			
						
		Ø.12520.00		/		[28]
possible configuration				Ø.12520.00 [28]		

FLU	1x21W		1x39W		beam width	finish reference
		T5 (FH)	T5 (FQ)			
						
		Ø.12522.00		/		[28]
possible configuration				Ø.12522.00 [28]		

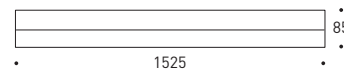
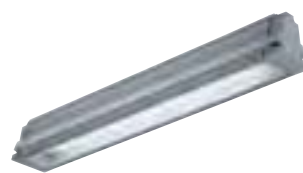
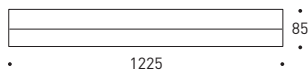
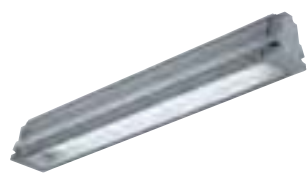


Accessories (pg. 203).

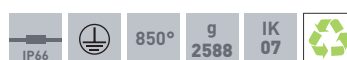


Accessories (pg. 203).

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



	1x28W	1x54W		
FLU		T5 (FQ)	beam width	finish reference
				
	Ø.12524.00		/	<u>28</u>
for maintained illumination when used as emergency lighting				
	Ø.12525.00		/	
possible configuration			Ø.12524.00, 28	



	1x35W	1x49W	1x80W			
FLU		T5 (FH)	T5 (FQ)	T5 (FQ)	beam width	finish reference
						
	Ø.12526.00			/		<u>28</u>
for maintained illumination when used as emergency lighting						
	Ø.12527.00			/		
possible configuration				Ø.12526.00 28		

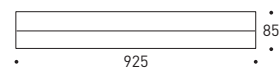
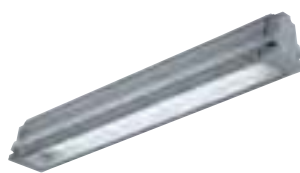
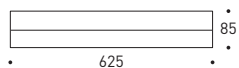
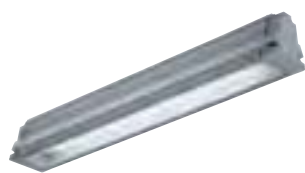


Accessories (pg. 203).



Accessories (pg. 203).

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



FLU		1x14W	1x24W		
		T5 (FH)	T5 (FQ)	beam width	finish reference
					
Ø.12530.00				/	[28]
possible configuration				Ø.12530.00 [28]	



		1x21W	1x39W		
FLU		T5 (FH)	T5 (FQ)	beam width	finish reference
					
		Ø.12532.00		/	[28]
		possible configuration		Ø.12532.00[28]	

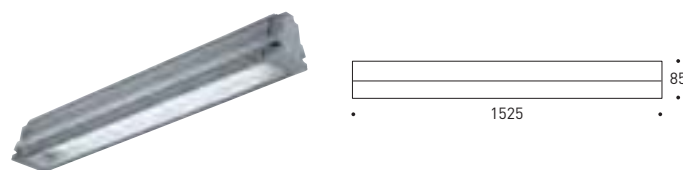
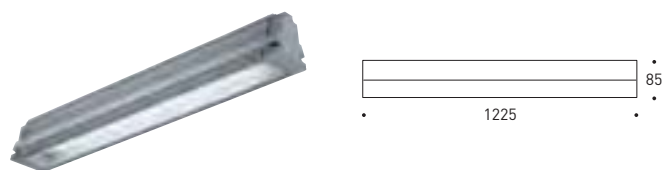


Accessories (pg. 203).



Accessories (pg. 203).

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



FLU	1x28W		1x54W		beam width	finish reference
		T5 (FH)		T5 (FQ)		
						
		$\varnothing.12534.00$				<u>[28]</u>
for maintained illumination when used as emergency lighting						
		$\varnothing.12535.00$				
possible configuration						$\varnothing.12534.00 28 $



FLU	1x35W	1x49W	1x80W	beam width	finish reference
	T5 (FH)	T5 (FQ)	T5 (FQ)		
					
Ø.12536.00				/	[28]
for maintained illumination when used as emergency lighting					
Ø.12537.00				/	
possible configuration				Ø.12536.00 [28]	

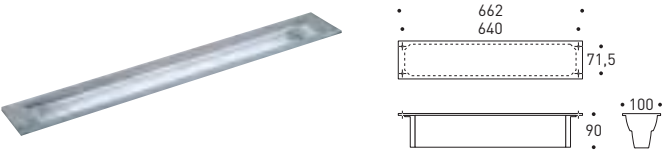
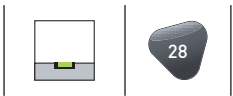


Accessories (pg. 203).

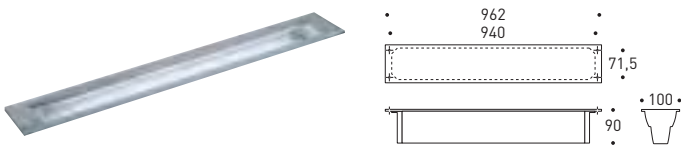


Accessories (pg. 203).

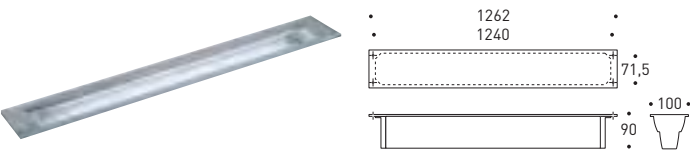
Fixed ground recessed DRIVE-OVER luminaire with symmetric/asymmetric light distribution and control gear technology for fluorescent lamps



1x14W				
FLU		T5 (FH)	beam width	finish reference
			▲	
			symmetric	[28]
			asymmetric	
possible configuration			Ø.12500.00 [28]	



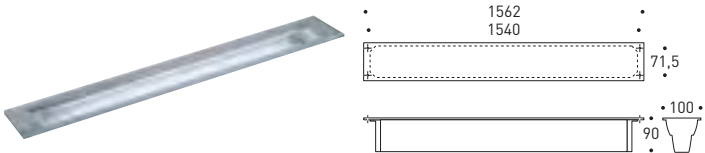
1x21W				
FLU		T5 (FH)	beam width	finish reference
			▲	
			symmetric	[28]
			asymmetric	
possible configuration			Ø.12501.00 [28]	



1x28W				
FLU		T5 (FH)	beam width	finish reference
			▲	
			symmetric	[28]
			asymmetric	
possible configuration			Ø.12502.00 [28]	



Accessories (pg. 203).



1x35W				
FLU		T5 (FH)	beam width	finish reference
			▲	
			symmetric	[28]
			asymmetric	
possible configuration			Ø.12503.00 [28]	



Accessories (pg. 203).

Accessories fluorescent

FLURE	6XXmm	details	reference	finish reference
 FILTERS		coloured filters	Ø.12555.00	[74]
		shield finish	Ø.12555.00	[75]
		74 blue dichroic	Ø.12555.00	[76]
		75 green dichroic	Ø.12555.00	[77]
		76 yellow dichroic	Ø.12555.00	[77]

		anti-glare louvre	Ø.12560.00	[00]

		barn doors	Ø.12550.00	[28]

		recessing box for installation of the luminaire flush with the ground	Ø.12504.00	[00]

		possible configuration	Ø.12555.00	[74]

FLURE	12XXmm	details	reference	finish reference
 FILTERS		coloured filters	Ø.12557.00	[74]
		shield finish	Ø.12557.00	[75]
		74 blue dichroic	Ø.12557.00	[76]
		75 green dichroic	Ø.12557.00	[77]
		76 yellow dichroic	Ø.12557.00	[77]

		anti-glare louvre	Ø.12562.00	[00]

		barn doors	Ø.12552.00	[28]

		recessing box for installation of the luminaire flush with the ground	Ø.12506.00	[00]

		possible configuration	Ø.12557.00	[74]

FLURE	9XXmm	details	reference	finish reference
 FILTERS		coloured filters	Ø.12556.00	[74]
		shield finish	Ø.12556.00	[75]
		74 blue dichroic	Ø.12556.00	[76]
		75 green dichroic	Ø.12556.00	[77]
		76 yellow dichroic	Ø.12556.00	[77]

		anti-glare louvre	Ø.12561.00	[00]

		barn doors	Ø.12551.00	[28]

		recessing box for installation of the luminaire flush with the ground	Ø.12505.00	[00]

		possible configuration	Ø.12556.00	[74]

FLURE	15XXmm	details	reference	finish reference
 FILTERS		coloured filters	Ø.12558.00	[74]
		shield finish	Ø.12558.00	[75]
		74 blue dichroic	Ø.12558.00	[76]
		75 green dichroic	Ø.12558.00	[77]
		76 yellow dichroic	Ø.12558.00	[77]

		anti-glare louvre	Ø.12563.00	[00]

		barn doors	Ø.12553.00	[28]

		recessing box for installation of the luminaire flush with the ground	Ø.12507.00	[00]

		possible configuration	Ø.12558.00	[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
Sp led	286
lone	290
Quadriplus	296
Superaxel	300
Supertechne	316
Mimo	332
Downspot	340
Low voltage	344

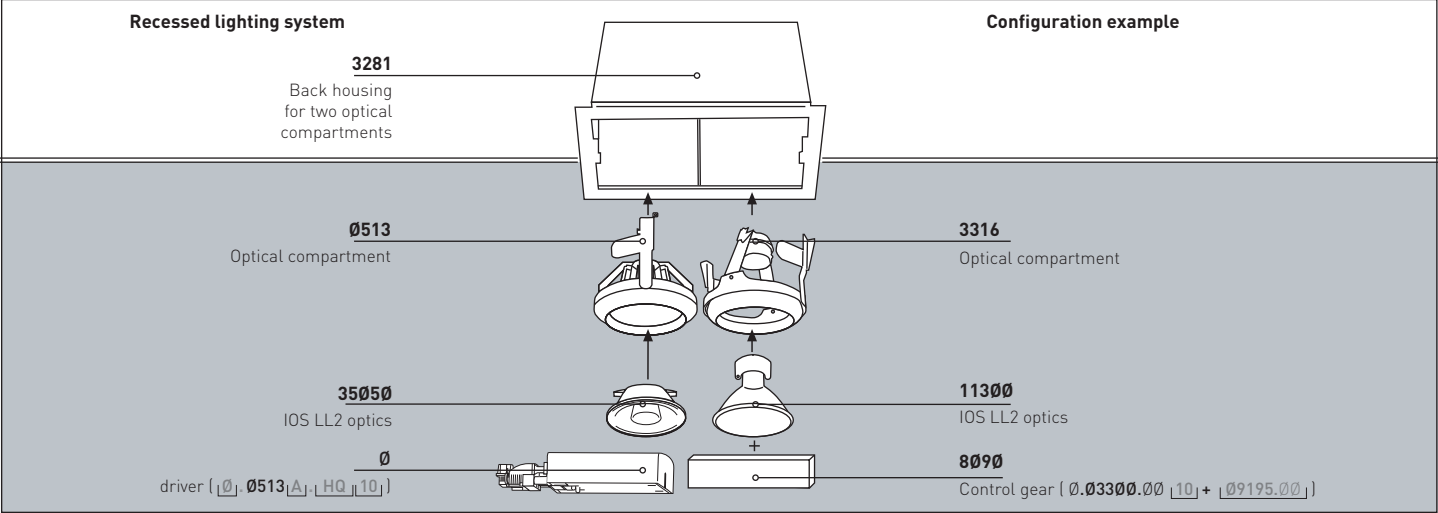


MOSAICO

adjustable recessed luminaire with variable configuration

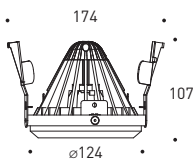
Back housings

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.03280.0010).



BACK HOUSINGS WITH 1 TO 4 MODULES PLACED IN LINE OR IN A SQUARE	details	 mm	reference	finish reference			configuration example
				10	21	28	
	back housing with 1 compartment	165x165	Ø.03280.00	10	21	28	Ø.03280.0010
	back housing with 2 compartments	320x165	Ø.03281.00	10	21	28	Ø.03281.0010
	back housing with 3 compartments	475x165	Ø.03282.00	10	21	28	Ø.03282.0010
	back housing with 4 compartments	630x175	Ø.03283.00	10	21	28	Ø.03283.0010
	back housing with 4 compartments	320x320	Ø.03284.00	10	21	28	Ø.03284.0010

Optical compartment for LED technology
with remote driver



13 W		1500 lm						
LED	driver reference	optical compartment reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	Ø513	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 α/β					
T		K	without optics					
possible configuration					Ø, Ø513, A, HQ, 10			

30 W			3500 lm						
LED	driver reference	optical compartment reference	optics reference		lumen reference			finish reference	
			IOS LL2 ▲		nom. lm	K	CRI		
Ø		Ø517	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 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.

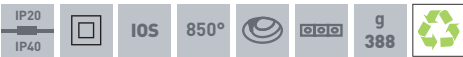
22 W			2500 lm					
LED	driver reference	optical compartment reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	Ø515	A	11°	HQ	2038	3000	>90	10
		B	15°	WW	2650	3000	>80	21
V		C	21°	NN	2759	4000	>80	28
		D	29°					
D		E	51°					
		F	Mira α/β					
T		K	without 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.



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



MH IOS	CDM-TC G8.5	optical compartment reference	finish reference
35 - 70 W	Ø.03316.00	[10]	[21]
			[28]
+			
IOS MH2 optics			
 • ø80 •	Ø.11300.00	14° - 16°	
	Ø.11301.00	34° - 34°	
	Ø.11302.00	56° - 58°	
	Ø.11303.00	Mira	
+			
control gear technologies			
		Ø.09190.EV	HPF for metal halide lamps, 35W
		Ø.08090.00	HF for metal halide lamps, 35W
		Ø.09191.EV	HPF for metal halide lamps, 70W
		Ø.08096.00	HF for metal halide lamps, 70W
		Ø.09192.EV	HPF for metal halide lamps, 150W
		Ø.08089.00	HF for metal halide lamps, 150 W
possible configuration		Ø.03316.00 [10] + [11300.00] + [Ø.09190.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	CDM-T G12	optical compartment reference	finish reference
35 - 70 - 150 W	Ø.03318.00	[10]	[21]
			[28]
+			
IOS MH4 optics			
 • ø80 •	Ø.03305.00	12° - 14° - 16°	
	Ø.03306.00	22° - 24° - 24°	
	Ø.03307.00	74° - 78° - 82°	
	Ø.03308.00	Mira	
+			
Control gear technologies			
		Ø.09190.EV	HPF for metal halide lamps, 35W
		Ø.08090.00	HF for metal halide lamps, 35W
		Ø.09191.EV	HPF for metal halide lamps, 70W
		Ø.08096.00	HF for metal halide lamps, 70W
		Ø.09192.EV	HPF for metal halide lamps, 150W
		Ø.08089.00	HF for metal halide lamps, 150 W
possible configuration		Ø.03318.00 [10] + [Ø.03305.00] + [Ø.09190.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.



Back housings (pg. 208). Accessories (pg. 213).
Photometric data (pg. 767).



Back housings (pg. 208). Accessories (pg. 213).
Photometric data (pg. 769).

Optical compartment for metal halide lamps and mains voltage halogen lamps, with remote driver



MH		HIR-PAR30 E27	optical compartment reference	finish reference			
		35 - 70 W	Ø.03302.00	<table><tr><td>10</td></tr><tr><td>21</td></tr><tr><td>28</td></tr></table>	10	21	28
10							
21							
28							
MH		CDM-R111 GX8.5	optical compartment reference	finish reference			
		35 W	Ø.03298.00	<table><tr><td>10</td></tr><tr><td>21</td></tr><tr><td>28</td></tr></table>	10	21	28
10							
21							
28							



control gear technologies

09190.EV	HPF for metal halide lamps, 35W
08090.00	HF for metal halide lamps, 35W
09191.EV	HPF for metal halide lamps, 70W
08096.00	HF for metal halide lamps, 70W

possible configuration	0.03302.00 10 + 09190.EV

HALO		QR-111 G53	optical compartment reference	finish reference
			0.03299.00	10
				21
				28
			+	
			control gear technologies	
			09196.00	electronic transformer, 100W
possible configuration			0.03299.00 10 + 09196.00	

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.



Back housings (pg. 208). Accessories (pg. 213).



Back housings (pg. 208). Accessories (pg. 213).

Optical compartment for halogen lamps with remote driver



IP20

IP20

850°

g

397

HALO		HEG-PAR30 (E27) lamp with built-in reflector	optical compartment reference	finish reference
	75 W		Ø.03301.00	10
				21
				28
	possible configuration		Ø.03301.00	10



Back housings (pg. 208). Accessories (pg. 213).

Accessories
LED

MOSAICO	details	IOS	▲	reference	finish reference
 • ø80 •	interchangeable optical system	A	11°	0.35050.00	[00]
	shield finish 00 clear	B	15°	0.35049.00	
		C	21°	0.35051.00	
		D	29°	0.35052.00	
		E	51°	0.35053.00	
		F	Mira*	0.35054.00	
		H	W. W.	0.35059.00	
 • ø80 •	interchangeable optical system with selective filters	IOS LL2	11°	0.35050.00	[64]
	shield finish 64 green 65 light blue 66 orange 67 pink		15°	0.35049.00	[65]
			21°	0.35051.00	[66]
			29°	0.35052.00	[67]
			51°	0.35053.00	
	emergency pack for LED luminaires including Ni/Cd battery with 1h back-up			0.35081.00	[00]
	sizes in mm 160 x 55 x 90 (L x W x H)				
	extension lead for LED luminaires			0.35100.00	[00]
	three-metre, two-core cable complete with quick-fit plug and socket				
* elliptical beam					
possible configuration				0.35050.00	[00]

Accessories
halogen lamps / metal halide lamps

MOSAICO		details	IOS	▲	reference	finish reference
MH IOS MH2		interchangeable optical system	IOS MH2	14°/16°	0.11300.00	[00]
				34°	0.11301.00	
				56°/58°	0.11302.00	
				Mira*	0.11303.00	
MH IOS MH2 FOOD		interchangeable optical system with selective filters	IOS MH2	14°/16°	0.11300.00	[64]
				34°	0.11301.00	[65]
				56°/58°	0.11302.00	[66]
						[67]
MH IOS MH2 UV/IR		interchangeable optical system	IOS MH2	14°/16°	0.11300.00	[59]
				34°	0.11301.00	[79]
				56°/58°	0.11302.00	[74]
						[75]
MH IOS MH4		interchangeable optical system	IOS HL2	12°/14° 16°	0.03305.00	[00]
				22°/24°	0.03306.00	
				74°/78° 82°	0.03307.00	
MH IOS MH4 FOOD		interchangeable optical system with selective filters	IOS HL2	12°/14° 16°	0.03305.00	[64]
				22°/24°	0.03306.00	[65]
				74°/78° 82°	0.03307.00	[66]
						[67]
MH IOS MH4 UV/IR		interchangeable optical system	IOS HL2	12°/14° 16°	0.03305.00	[59]
				22°/24°	0.03306.00	[79]
				74°/78° 82°	0.03307.00	[74]
						[75]
MH IOS MH4		shield finish	IOS HL2			[76]
						[77]
* elliptical beam						
possible configuration					0.11300.00	[10]

MOSAICO	details	IOS	▲	reference	finish reference
	optical compartment with HF control gear for emergency lighting			0 03303 00	[10]
					[21]
					[28]
		possible configuration			0 03303 00



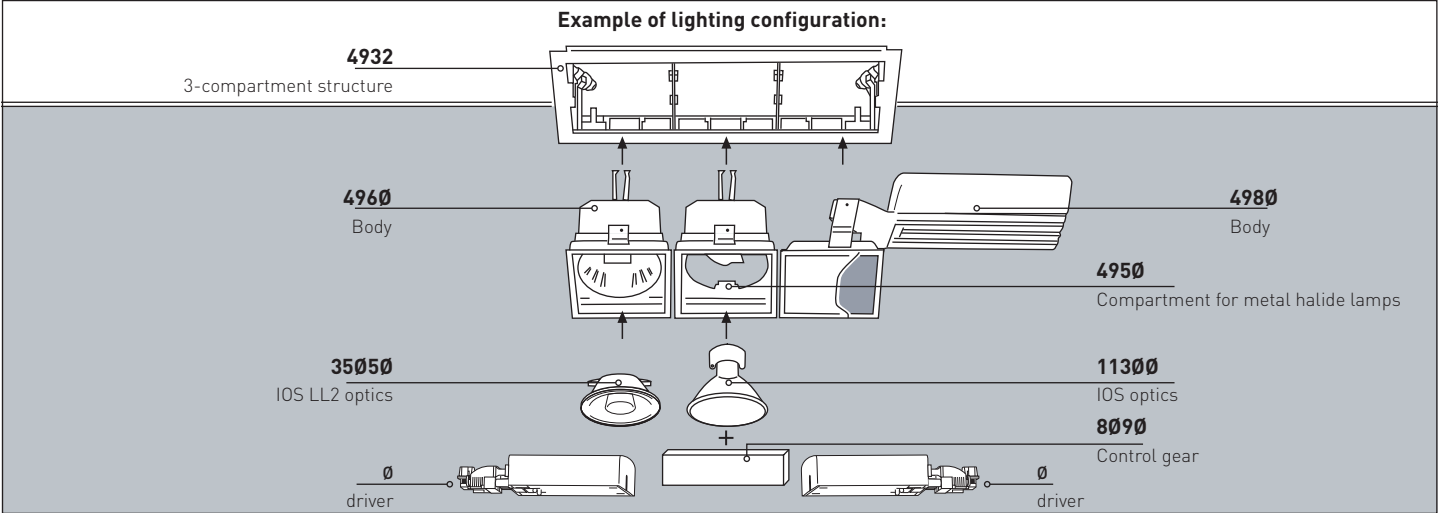
DOMINO

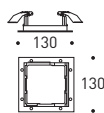
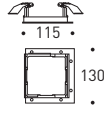
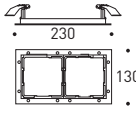
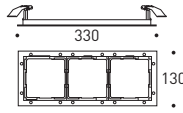
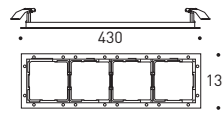
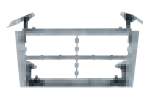
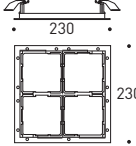
recessed module with variable configuration

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.

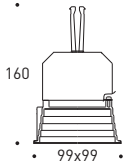
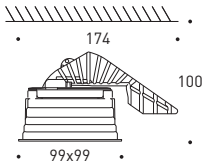


		details	 mm	 mm	reference	finish reference	possible configuration
		1-compartment structure	110x110	105x105	0.04930.00	[10] [21] [28]	0.04930.00[10]
		Additional 1-compartment structure	110x115	105x110	0.04910.00	[10] [21] [28]	0.04910.00[10]
		2-compartment structure	110x210	105x210	0.04931.00	[10] [21] [28]	0.04931.00[10]
		3-compartment structure	110x310	105x305	0.04932.00	[10] [21] [28]	0.04932.00[10]
		4-compartment structure	110x410	105x405	0.04933.00	[10] [21] [28]	0.04933.00[10]
		4-compartment structure	210x110	205x205	0.04934.00	[10] [21] [28]	0.04934.00[10]

Square, modular recessed lighting system with variable configuration



The finishes apply to the colour of the structure; the body is black only



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.



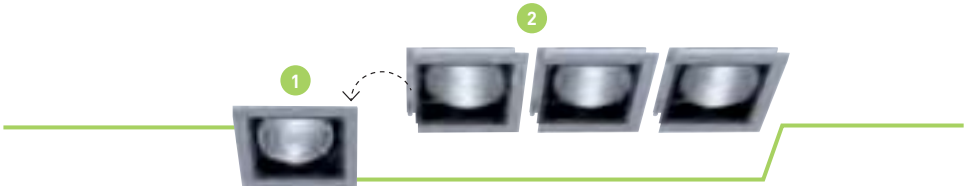
13 W			1500 lm					
LED	driver reference	optical compartment reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø		Ø563	A	11°	HQ	1221	3000 >90	00
			B	15°	WW	1500	3000 >80	
V			C	21°	NN	1661	4000 >80	
			D	29°				
			E	51°				
D			F	Mira				
			K	without optics				
T								
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 configurations

2
Additional Structures (4910)



Structure (pg. 216). Accessories (pg. 221). Photometric data (pg. 704-705).

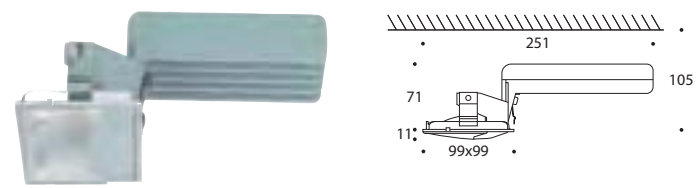


Structure (pg. 216). Accessories (pg. 221). Photometric data (pg. 704-705).

Square, modular recessed lighting system with variable configuration



The finishes apply to the colour of the structure; the body is black only



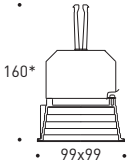
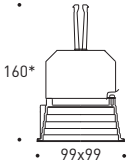
13 W		1500 lm					
LED	driver reference	optical compartment reference	optics	lumen reference		finish reference	
		IOS LL8 ▲		nom. lm	K	CRI	
Ø	B5630		asymmetric beam	HQ	1221	3000	>90
V				WW	1500	3000	>80
D				NN	1661	4000	>80
T							
possible configuration			Ø, B5630	HQ	10		

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)



Structure (pg. 216). Accessories (pg. 221).
Photometric data (pg. 740).

Square, modular recessed lighting system with variable configuration



MH IOS	CDM-TC G8.5	optical compartment reference	finish reference

HALO IOS	QT-12 GY6.35	optical compartment reference	finish reference

20 - 35 - 70 W	0.04950.00	00

75 W - 12V	0.04970.00	00

IOS MH2 optics		
	0.11300.00	14° - 16°
	0.11301.00	34° - 34°
	0.11302.00	56° - 58°
	0.11303.00	Mira

IOS HL2 optics		
	0.11300.00	/
	0.11301.00	/
	0.11302.00	/
	0.11303.00	/

control gear technologies		
08094.00	HF for metal halide lamps, 20W	
08090.00	HF for metal halide lamps, 35W	
08096.00	HF for metal halide lamps, 70W	
possible configuration	0.04950.00 21 + 11300.00 + 08090.EV	

control gear technologies		
09196.00	Electronic transformer for halogen lamps, 100W	
possible configuration	0.4970.00 21 + 11300.00 + 09196.00	

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.

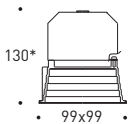
To achieve the desired lighting configuration, when ordering, the optical compartment ref., the optics ref., the control gear ref. and the finish ref. must be indicated.



Structure (pg. 216). Accessories (pg. 221).
Photometric data (pg. 767).

Structure (pg. 216). Accessories (pg. 221).
Photometric data (pg. 767).

Square, modular recessed lighting system with variable configuration



MH	 MR BRITESPOT GX10	optical compartment reference	finish reference
20 - 35 W		0.04945.00	00
+			
control gear technologies			
08094.00		HF for metal halide lamps, 20W	
08090.00		HF for metal halide lamps, 35W	
possible configuration		0.04945.00 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.

Accessories
LED

DOMINO	details	IOS	▲	reference	finish reference
LED IOS LL1	 • ø50 •	interchangeable optical system		1 15° 0.35005.00	[00]
		shield finish		2 30° 0.35006.00	
		00 clear		3 48° 0.35007.00	
LED IOS LL1 FOOD	 • ø50 •	interchangeable optical system with selective filters		15° 0.35005.00	[64]
		shield finish		30° 0.35006.00	[65]
		64 green		48° 0.35007.00	[66]
		65 light blue			[67]
LED IOS LL2	 • ø80 •	interchangeable optical system		A 11° 0.35050.00	[00]
		shield finish		B 15° 0.35049.00	
		00 clear		C 21° 0.35051.00	
				D 29° 0.35052.00	
				E 51° 0.35053.00	
				F Mira* 0.35054.00	
				H W. W. 0.35059.00	
LED IOS LL2 FOOD	 • ø80 •	interchangeable optical system with selective filters		11° 0.35050.00	[64]
		shield finish		15° 0.35049.00	[65]
		64 green		21° 0.35051.00	[66]
		65 light blue		29° 0.35052.00	[67]
1 HOUR		emergency pack for LED luminaires including Ni/Cd battery with 1h back-up		0.35081.00	[00]
		sizes in mm 160 x 55 x 90 (LxWxH)			
		extension lead for LED luminaires		0.35100.00	[00]
		three-meter, two-core cable complete with quick-fit plug and socket			
		Phase cut dimmer (max 400W) for LED adjustment		0.35110.00	[00]

* elliptical beam

possible configuration	0.35005.00 [00]

Accessories
metal halide lamps / halogen lamps

DOMINO	details	IOS	▲	reference	finish reference
MH IOS MH2	 • ø80 •	interchangeable optical system		14°/16° 0.11300.00	[00]
		shield finish		34° 0.11301.00	
		00 clear		56°/58° 0.11302.00	
MH IOS MH2	 • ø80 •	interchangeable optical system with selective filters		14°/16° 0.11300.00	[64]
		shield finish		34° 0.11301.00	[65]
		64 green		56°/58° 0.11302.00	[66]
		65 light blue			[67]
MH IOS MH2 UV/IR	 • ø80 •	interchangeable optical system		14°/16° 0.11300.00	[59]
		shield finish		34° 0.11301.00	
		59 IR - 79 anti UV		56°/58° 0.11302.00	
		74 blue dichroic filter			
		75 green dichroic filter			
		76 yellow dichroic filter			
		77 red dichroic filter			
HALO IOS HL2	 • ø80 •	interchangeable optical system		/ 0.11300.00	[00]
		shield finish		/ 0.11301.00	
		00 clear		/ 0.11302.00	
				/ 0.11303.00	
HALO IOS HL2 FOOD	 • ø80 •	interchangeable optical system with selective filters		/ 0.11300.00	[64]
		shield finish		/ 0.11301.00	[65]
		64 green		/ 0.11302.00	[66]
		65 light blue		/ 0.11303.00	[67]
MH IOS MH2 UV/IR	 • ø80 •	interchangeable optical system		18° 0.11300.00	[59]
		shield finish		24° 0.11301.00	
		59 IR - 79 anti UV		30° 0.11302.00	
		74 blue dichroic filter			
		75 green dichroic filter			
		76 yellow dichroic filter			
		77 red dichroic filter			

* elliptical beam

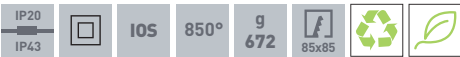
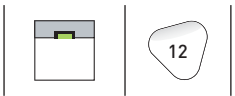
possible configuration	0.11300.00 [10]



SOMBRADO

fixed / adjustable recessed luminaire

Square, fixed / adjustable trimless recessed luminaire with remote driver



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
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			



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			

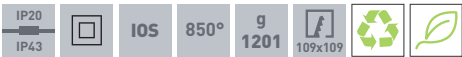
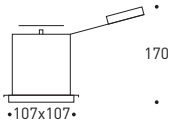


Accessories (pg. 227).
Photometric data (pg. 702).



Accessories (pg. 227).
Photometric data (pg. 702).

Square, fixed trimless recessed luminaire with remote driver

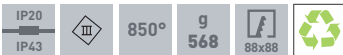
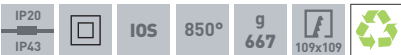
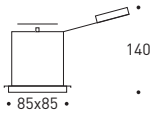
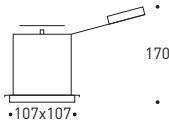
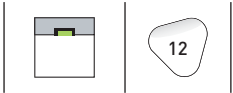


13 W		1500 lm					
LED	driver reference	product reference	optics reference		lumen reference		finish reference
			IOS LL2 ▲		nom. lm	K CRI	
Ø	BA33	A	11°	HQ	1221	3000 >90	12
		B	15°	WW	1500	3000 >80	
		C	21°	NN	1661	4000 >80	
		D	29°				
		E	51°				
		F	Mira				
I		K	without optics				
possible configuration				Ø, BA33, A, HQ, 12			



Accessories (pg. 227).
Photometric data (pg. 704-705).

Square, fixed trimless recessed luminaire with remote driver for metal halide lamps and halogen lamps



MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
20 W		▲	
	0.13602.00	14°	[12]
	0.13603.00	34°	
	0.13604.00	56°	
35 W			
	0.13605.00	14°	[12]
	0.13606.00	34°	
	0.13607.00	56°	
50 W			
	0.50043.00	14°	[12]
	0.50044.00	34°	
	0.50045.00	56°	
70 W			
	0.13608.00	16°	[12]
	0.13609.00	34°	
	0.13610.00	58°	
possible configuration		0.13602.00 [12]	

HALO	QR-CB GU5.3	lamp with built-in reflector	finish reference
20 / 35 / 50 W - 12V		▲	
	0.13600.00	/	[12]
possible configuration		0.13600.00 [12]	



Accessories (pg. 227).
Photometric data (pg. 767).



Accessories (pg. 227).

Accessories
LED

SOMBRADO	details	IOS		reference	finish reference
LED IOS LL1 	interchangeable optical system	1	15°	0.35005.00	00
	shield finish 00 clear	2	30°	0.35006.00	
		3	48°	0.35007.00	
LED IOS LL1 FOOD 	interchangeable optical system with selective filters	IOS LL1	15°	0.35005.00	64
	shield finish 64 green 65 light blue 66 orange 67 pink		30°	0.35006.00	65
			48°	0.35007.00	66
LED IOS LL2 	interchangeable optical system	A	11°	0.35050.00	00
	shield finish 00 clear	B	15°	0.35049.00	
		C	21°	0.35051.00	
		D	29°	0.35052.00	
		E	51°	0.35053.00	
		F	Mira*	0.35054.00	
		H	W. W.	0.35059.00	
LED IOS LL2 FOOD 	interchangeable optical system with selective filters	IOS LL2	11°	0.35050.00	64
	shield finish 64 green 65 light blue 66 orange 67 pink		15°	0.35049.00	65
			21°	0.35051.00	66
			29°	0.35052.00	67
			51°	0.35053.00	
	emergency pack for LED luminaires including Ni/Cd battery with 1h back-up			0.35081.00	00
	sizes in mm L.160 x P.55 x H.90				
	extension lead for LED luminaires			0.35100.00	00
	three-metre, two-core cable complete with quick-fit plug and socket				
	Phase cut dimmer (max 400W) for LED adjustment			0.35110.00	00
	square matt safety glass with clear round centre 107x107			0.13695.00	00
* elliptical beam					
possible configuration				0.35005.00	00

Accessories
halogen lamps / metal halide lamps

SOMBRADO	details	IOS	▲	reference	finish reference
MH IOS MH2	 • ø80 •	IOS MH2	14°/16°	0.11300.00	[00]
			34°	0.11301.00	
			56°/58°	0.11302.00	
			Mira*	0.11303.00	
MH IOS MH2 FOOD	 • ø80 •	IOS MH2	14°/16°	0.11300.00	[64]
			34°	0.11301.00	[65]
			56°/58°	0.11302.00	[66]
					[67]
MH IOS MH2 UV/IR	 • ø80 •	IOS MH2	14°/16°	0.11300.00	[59]
			34°	0.11301.00	[79]
MH IOS MH2	 • ø80 •	IOS MH2	56°/58°	0.11302.00	[74]
					[75]
					[76]
					[77]
				0.13695.00	[00]
				0.13697.00	[00]
* elliptical beam					
possible configuration				0.11300.00	[10]

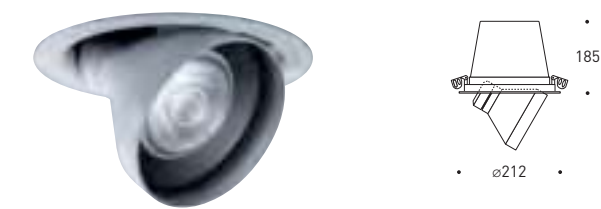
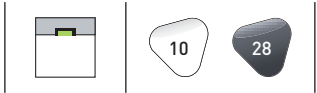


VARIOS

adjustable recessed luminaire

design by: **L. A. P. D.**

Round, adjustable recessed luminaire with remote driver



13 W		1500 lm						
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	BA43	A	11°	HQ	1221	3000	>90	10
		B	15°	WW	1500	3000	>80	28
V		C	21°	NN	1661	4000	>80	
D		D	29°					
		E	51°					
T		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			finish reference
			IOS LL2	▲	nom. lm	K	CRI	
Ø	BA47	A	11°	HQ	2944	3000	>90	10
		B	15°	WW	3617	3000	>80	28
V		C	21°	NN	3798	4000	>80	
D		D	29°					
		E	51°					
		F	Mira					
		K	without optics					
possible configuration					Ø, BA47A, HQ, 10			

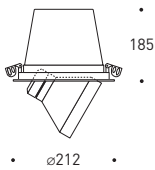
22 W		2500 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI
Ø	BA45	A	11°	HQ	2038	3000	>90
		B	15°	WW	2650	3000	>80
V		C	21°	NN	2759	4000	>80
		D	29°				
D		E	51°				
		F	Mira				
T		K	without optics				
possible configuration				Ø BA45 A HQ 10			

38 W		4000 lm						
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL7 ▲	nom. lm	K	CRI		
Ø	BA48	N	14°	HQ	3578	3000	>90	10
		P	21°	WW	4329	3000	>80	28
V		Q	30°	NN	4480	4000	>80	
		R	36°					
D		S	40°					
		T	69°					
		K	without optics					
possible configuration				Ø BA48 N HQ 10				



Accessories (pg. 233).
Photometric data (pg. 000).

Round, adjustable recessed luminaire with remote driver for metal halide lamps



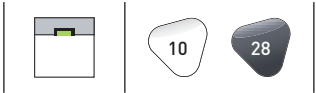
MH IOS	CDM-T G12	IOS MH5 optics	finish reference
20 W HF control gear			
	Ø.19706.00	7°	[10]
	Ø.19708.00	11°	[28]
	Ø.19713.00	14°	
	Ø.19710.00	25°	
	Ø.19712.00	Mira	
35 W HF control gear			
	Ø.19716.00	7°	[10]
	Ø.19718.00	11°	[28]
	Ø.19724.00	14°	
	Ø.19720.00	25°	
	Ø.19722.00	Mira	
50 W HF control gear			
	Ø.50029.00	7°	[10]
	Ø.50030.00	11°	[28]
	Ø.50031.00	14°	
	Ø.50032.00	25°	
	Ø.50033.00	Mira	
70 W HF control gear			
	Ø.19736.00	7°	[10]
	Ø.19738.00	11°	[28]
	Ø.19744.00	14°	
	Ø.19740.00	25°	
	Ø.19742.00	Mira	
100 W HF control gear			
	Ø.50034.00	7°	[10]
	Ø.50035.00	11°	[28]
	Ø.50036.00	14°	
	Ø.50037.00	24°	
	Ø.50038.00	Mira	

MH IOS	CDM-T G12	IOS MH5 optics	finish reference
150 W HF control gear			
	Ø.19756.00	7°	[10]
	Ø.19758.00	11°	[28]
	Ø.19764.00	14°	
	Ø.19760.00	24°	
	Ø.19762.00	Mira	
150 W HPF control gear			
	Ø.19766.EV	7°	[10]
	Ø.19768.EV	11°	[28]
	Ø.19784.EV	14°	
	Ø.19770.EV	24°	
	Ø.19772.EV	Mira	
possible configuration		Ø.19706.00 [10]	



Accessories (pg. 233).
Photometric data (pg. 770-771).

Round recessed luminaire for low voltage halogen lamps with built-in reflector

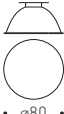
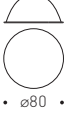
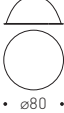


HALO		QR-111 G53	lamp with built-in reflector	finish reference
65 W - 12V				
		Ø.19790.00	/	[10]
				[28]
possible configuration		Ø.19790.00[10]		



Accessories (pg. 233).

Accessories LED

VARIOS	details	IOS LL2	▲	reference	finish reference	
LED IOS LL2	 • ø80 •	interchangeable optical system		A 11°	0.35050.00	[00]
		shield finish		B 15°	0.35049.00	
		00 clear		C 21°	0.35051.00	
		D 29°	0.35052.00			
		E 51°	0.35053.00			
		F Mira*	0.35054.00			
		H W. W.	0.35059.00			
LED IOS LL2 FOOD	 • ø80 •	interchangeable optical system with selective filters		11°	0.35050.00	[64]
		shield finish		15°	0.35049.00	[65]
		64 green	IOS LL2	21°	0.35051.00	[66]
		65 light blue		29°	0.35052.00	[67]
		66 orange		51°	0.35053.00	
67 pink						
LED IOS LL7	 • ø80 •	interchangeable optical system		N 14°	0.35169.00	[00]
		shield finish		P 21°	0.35170.00	
		00 clear		Q 30°	0.35171.00	
		R 36°	0.35172.00			
		S 40°	0.35173.00			
		T 69°	0.35174.00			
		LED IOS LL7 FOOD	 • ø80 •	interchangeable optical system with selective filters		14°
shield finish				21°	0.35170.00	[65]
64 green	IOS LL7			30°	0.35171.00	[66]
65 light blue				36°	0.35172.00	[67]
66 orange				40°	0.35173.00	
67 pink		69°	0.35174.00			
	1 HOUR	emergency pack for LED luminaires including Ni/Cd battery with 1h back-up			0.35081.00	[00]
sizes in mm L.160 x P.55 x H.90						
	honeycomb anti-glare louvre				0.23990.00	[21]
	hole cutter for cut-outs Ø195 mm				0.11345.00	[00]
	hole cutter handle				0.10099.00	[00]
the handle fits all hole cutters which are available in a range of diameters						
	extension lead for LED luminaires three-metre, two-core cable complete with quick-fit plug and socket				0.35100.00	[00]
	spotlight support for luminaires with cut-out of Ø195 mm				0.10003.00	[10]

* elliptical beam

possible configuration

0.35050.00 00

Accessories halogen lamps / metal halide lamps

VARIOS	details	IOS MH5	reference	finish reference
MH IOS MH5	 • ø130 •	interchangeable optical system shield finish 00 clear	14°/16° 0.11310.00 22° 0.11311.00 28° 0.11318.00 48°/50° 0.11312.00 Mira* 0.11313.00	00
MH IOS MH5 FOOD	 • ø130 •	interchangeable optical system with selective filters shield finish 64 green 65 light blue 66 orange 67 pink	14°/16° 0.11310.00 22° 0.11311.00 28° 0.11318.00 48°/50° 0.11312.00	64 65 66 67
MH IOS MH5	 • ø130 •	interchangeable optical system shield finish 59 IR - 79 anti UV 74 blue dichroic filter 75 green dichroic filter 76 yellow dichroic filter 77 red dichroic filter	14°/16° 0.11310.00 22° 0.11311.00 28° 0.11318.00 48°/50° 0.11312.00	59 79 74 75 76 77
MH IOS MH5 UV/IR				
MH IOS MH5				
		hole cutter for cut-outs Ø195 mm	0.11345.00	00
		hole cutter handle the handle fits all hole cutters which are available in a range of diameters	0.10099.00	00
		spotlight support for luminaires with cut-out of Ø195 mm	0.10003.00	10

* elliptical beam

possible configuration

0.11310.00 00

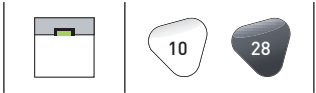


BISIO

adjustable recessed luminaire

design by: **Fabio Reggiani**

Round, adjustable recessed luminaire with remote driver

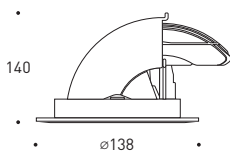


10 W			1000 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL1	▲	nom. lm	K	CRI	
[Ø]	Ø682	[1]	15°	[HW]	803	2700	>90	[10]
		[2]	30°	[HQ]	873	3000	>90	[28]
[V]		[3]	48°	[WW]	1044	3000	>80	
[D]		[K]	without optics	[NN]	1166	4000	>80	
[T]								
possible configuration					[Ø], Ø682 [1], [HQ], [10]			



Accessories (pg. 242).
Photometric data (pg. 702).

Round, adjustable recessed luminaire with remote driver



13 W				1500 lm				
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲	nom. lm K CRI				
Ø	Ø683	A	11°	HW	1148	2700	>90	10
		B	15°	HQ	1221	3000	>90	28
C		21°	WW	1500	3000	>80		
D		29°	NN	1661	4000	>80		
E		51°						
F		Mira α/β						
D								
I								
T			K	without optics				
possible configuration				Ø, Ø683, A, HQ, 10				

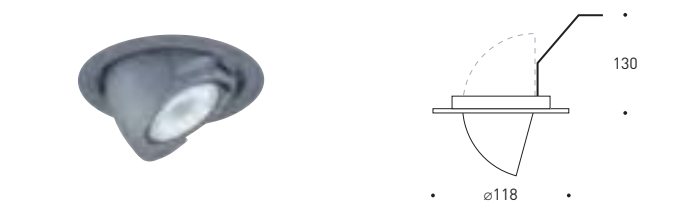
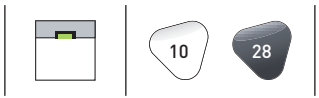
30 W				3500 lm				
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	Ø687	A	11°	HW	2767	2700	>90	10
		B	15°	HQ	2944	3000	>90	28
V		C	21°	WW	3617	3000	>80	
D		D	29°	NN	3798	4000	>80	
		E	51°					
		F	Mira α/β					
		K	without optics					
possible configuration				Ø, Ø687, A, HQ, 10				

22 W				2500 lm				
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲	nom. lm	K	CRI		
Ø	Ø685	A	11°	HW	1916	2700	>90	10
		B	15°	HQ	2038	3000	>90	28
C		21°	WW	2650	3000	>80		
D		29°	NN	2759	4000	>80		
E		51°						
F		Mira α/β						
D								
I								
T								
possible configuration				Ø, Ø685 A, HQ, 10				



Accessories (pg. 242).
Photometric data (pg. 704-705 / 708-709 / 712-713).

Round, adjustable recessed luminaire with remote driver for halogen lamps



HALO		QR-CB GU5.3	lamp with built-in reflector	finish reference
20 / 35 / 50 W				
		Ø.11110.00	/	[10]
				[28]
		possible configuration		
		Ø.11110.00 [10]		

HALO IOS		QT-12 GY6.35	IOS HL2 optics	finish reference
50 W / 12 V				
		Ø.11158.00	18°	[10]
		Ø.11168.00	24°	[28]
		Ø.11178.00	30°	
50 W / 24 V				
		Ø.11158.00	12°	[10]
		Ø.11168.00	34°	[28]
		Ø.11178.00	40°	
		possible configuration		
		Ø.11158.00 [10]		

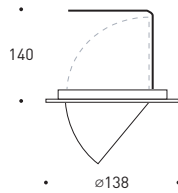


Accessories (pg. 243).



Accessories (pg. 243).
Photometric data (pg. 772).

Round, adjustable recessed luminaire with remote driver for metal halide lamps



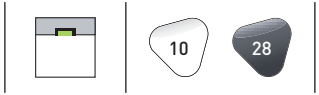
MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
20 W		▲	
	0.11108.00	14°	[10]
	0.11102.00	34°	[28]
	0.11104.00	56°	
35 W			
	0.11130.00	14°	[10]
	0.11132.00	34°	[28]
	0.11134.00	56°	
50 W			
	0.50011.00	14°	[10]
	0.50012.00	34°	[28]
	0.50013.00	56°	
70 W			
	0.11150.00	14°	[10]
	0.11152.00	34°	[28]
	0.11154.00	58°	
possible configuration		0.11108.00 [10]	

MH IOS	CDM-T G12	IOS MH3 optics	finish reference
20 W		▲	
	0.11294.00	12°	[10]
	0.11295.00	24°	[28]
	0.11296.00	74°	
35 W			
	0.11170.00	12°	[10]
	0.11172.00	24°	[28]
	0.11174.00	74°	
50 W			
	0.50014.00	12°	[10]
	0.50015.00	24°	[28]
	0.50016.00	74°	
70 W			
	0.11190.00	12°	[10]
	0.11192.00	24°	[28]
	0.11194.00	78°	
possible configuration		0.11294.00 [10]	



Accessories (pg. 243).
Photometric data (pg. 767).

Round, adjustable recessed luminaire with remote driver for metal halide lamps



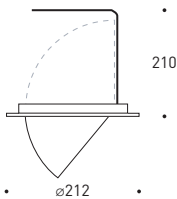
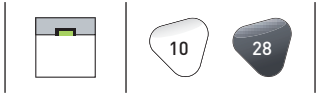
MH IOS	CDM-T G12	IOS MH5 optics	finish reference
20 W HF control gear			
	0.11360.00	14°	[10]
	0.11361.00	22°	[28]
	0.11363.00	28°	
	0.11362.00	50°	
35 W HF control gear			
	0.11210.00	14°	[10]
	0.11212.00	22°	[28]
	0.11216.00	28°	
	0.11214.00	50°	
50 W HF control gear			
	0.50017.00	14°	[10]
	0.50018.00	22°	[28]
	0.50019.00	28°	
	0.50020.00	50°	
possible configuration		0.11360.00 [10]	

MH IOS	CDM-T G12	IOS MH5 optics	finish reference
70 W HF control gear			
	0.11230.00	14°	[10]
	0.11232.00	22°	[28]
	0.11236.00	28°	
	0.11234.00	50°	
possible configuration		0.11230.00 [10]	



Accessories (pg. 244).
Photometric data (pg. 770-771).

Round, adjustable recessed luminaire with remote driver for halogen lamps



HALO		QR-111 G53	lamp with built-in reflector	finish reference
65 W				
		Ø.112Ø8.00	/	[10] [28]
possible configuration		Ø.112Ø8.00[10]		



Accessories (pg. 244).

Accessories
LED

BISIO		details	IOS		reference	finish reference
		interchangeable optical system	1	15°	0.35005.00	[00]
		shield finish	2	30°	0.35006.00	
		00 clear	3	48°	0.35007.00	
		• ø50 •				
		interchangeable optical system with selective filters	IOS LL1	15°	0.35005.00	[64]
		shield finish		30°	0.35006.00	[65]
		64 green		48°	0.35007.00	[66]
		65 light blue				[67]
		66 orange				
		67 pink				
		hole cutter for cut-outs Ø100mm			0.11100.00	[00]
		hole cutter handle the handle fits all hole cutters which are available in a range of diameters			0.10099.00	[00]
		extension lead for LED LUCE luminaires			0.35100.00	[00]
		three-metre, two-core cable complete with quick-fit plug and socket				
		spotlight support for luminaires with cut-out of Ø100 mm trimless			0.10000.00	[10]
possible configuration					0.35005.00	[00]

BISIO		details	IOS		reference	finish reference
		interchangeable optical system	A	11°	0.35050.00	[00]
		shield finish	B	15°	0.35049.00	
		00 clear	C	21°	0.35051.00	
			D	29°	0.35052.00	
			E	51°	0.35053.00	
			F	Mira*	0.35054.00	
			H	W. W.	0.35059.00	
		• ø80 •				
		interchangeable optical system with selective filters	IOS LL2	11°	0.35050.00	[64]
		shield finish		15°	0.35049.00	[65]
		64 green		21°	0.35051.00	[66]
		65 light blue		29°	0.35052.00	[67]
		66 orange		51°	0.35053.00	
		67 pink				
		emergency pack for LED LUCE luminaires including Ni/Cd battery with 1h back-up sizes in mm L.160 x P.55 x H.90			0.35081.00	[00]
		hole cutter for cut-outs Ø130 mm			0.11330.00	[00]
		hole cutter handle the handle fits all hole cutters which are available in a range of diameters			0.10099.00	[00]
		extension lead for LED LUCE luminaires			0.35100.00	[00]
		three metre, two-core cable complete with quick-fit plug and socket				
		spotlight support for luminaires with cut-out of Ø130 mm trimless			0.10001.00	[10]
possible configuration					0.35050.00	[00]

* elliptical beam

Accessories

halogen lamps

BISIO		details	reference	finish reference
		dichroic filters	0.06937.00	[74]
		shield finish	0.06937.00	[75]
		74 blue	0.06937.00	[76]
		75 green	0.06937.00	[77]
		76 yellow	0.06937.00	[77]
		77 red	0.06937.00	[77]
		hole cutter for cut-outs Ø100 mm	0.11100.00	[00]
		hole cutter handle <i>the handle fits all hole cutters which are available in a range of diameters</i>	0.10099.00	[00]
		spotlight support for luminaires with cut-out of Ø100 mm	0.10000.00	[10]
		container for concrete ceilings sizes in mm Ø263 x H.151	0.03863.00	[00]
possible configuration			0.06937.00	[74]

Accessories

halogen lamps / metal halide lamps

BISIO		details	IOS	reference	finish reference
MH IOS MH2		interchangeable optical system	14°/16°	0.11300.00	[00]
		shield finish	34°	0.11301.00	
		00 clear	56°/58°	0.11302.00	
			Mira*	0.11303.00	
MH IOS MH2 FOOD		interchangeable optical system with selective filters	14°/16°	0.11300.00	[64]
		shield finish	34°	0.11301.00	[65]
		64 green	56°/58°	0.11302.00	[66]
		65 light blue			[67]
MH IOS MH2 UV/IR		interchangeable optical system	14°/16°	0.11300.00	[59]
		shield finish	34°	0.11301.00	[79]
		59 IR - 79 anti UV	56°/58°	0.11302.00	[74]
		74 blue dichroic filter			[75]
HALO IOS HL2		interchangeable optical system	18°	0.11300.00	[00]
		shield finish	24°	0.11301.00	
		00 clear	30°	0.11302.00	
HALO IOS HL2 FOOD		interchangeable optical system with selective filters	18°	0.11300.00	[64]
		shield finish	24°	0.11301.00	[65]
		64 green	30°	0.11302.00	[66]
		65 light blue			[67]
HALO IOS HL2 UV/IR		interchangeable optical system	18°	0.11300.00	[59]
		shield finish	24°	0.11301.00	[79]
		59 IR - 79 anti UV	30°	0.11302.00	[74]
		74 blue dichroic filter			[75]
HALO IOS HL2		shield finish			[76]
		75 green dichroic filter			[77]
		76 yellow dichroic filter			
		77 red dichroic filter			
		hole cutter for cut-outs Ø130 mm		0.11330.00	[00]
		hole cutter handle <i>the handle fits all hole cutters which are available in a range of diameters</i>		0.10099.00	[00]
		spotlight support for luminaires with cut-out of Ø130 mm trimless		0.10001.00	[10]

* elliptical beam

possible configuration

0.11300.00 [10]

Accessories
metal halide lamps / halogen lamps

BISIO	 details	IOS	 reference	finish reference
MH IOS MH5 	interchangeable optical system shield finish 00 clear • ø130 •	IOS MH5	14° 0.11310.00	00
			22° 0.11311.00	
			28° 0.11318.00	
			50° 0.11312.00	
			Mira* 0.11313.00	
MH IOS MH5 FOOD 	interchangeable optical system with selective filters shield finish 64 green 65 light blue 66 orange 67 pink	IOS MH5	14° 0.11310.00	64
			22° 0.11311.00	65
			28° 0.11318.00	66
			50° 0.11312.00	67
MH IOS MH5 UV/IR MH IOS MH5 	interchangeable optical system shield finish 59 IR - 79 anti UV 74 blue dichroic filter 75 green dichroic filter 76 yellow dichroic filter 77 red dichroic filter	IOS MH5	14° 0.11310.00	59
			22° 0.11311.00	79
			28° 0.11318.00	74
			50° 0.11312.00	75
				76
	hole cutter for cut-outs Ø195mm		0.11345.00	00
	hole cutter handle <i>The handle fits all hole cutters which are available in a range of diameters</i>		0.10099.00	00
	spotlight support for luminaires with cut-out of Ø 195 mm trimless		0.10003.00	10
* elliptical beam				
possible configuration			0.11310.00	00

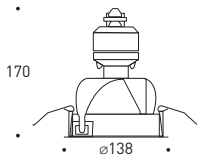
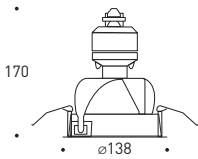




UNIMOSA

adjustable recessed luminaire

Round, adjustable recessed luminaire with remote driver



13 W		1500 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
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			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
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			

MH IOS	CDM-T G12	OS MH4 optics	finish reference
20 W		▲	
	Ø.17750.00	12°	10
	Ø.17751.00	24°	21
	Ø.17752.00	74°	28
	Ø.17753.00	Mira	
35 W			
	Ø.17755.00	12°	10
	Ø.17756.00	22°	21
	Ø.17757.00	74°	28
	Ø.17758.00	Mira	
50 W			
	Ø.50025.00	12°	10
	Ø.50026.00	24°	21
	Ø.50027.00	74°	28
	Ø.50028.00	Mira	
70 W			
	Ø.17760.00	14°	10
	Ø.17761.00	24°	21
	Ø.17762.00	78°	28
	Ø.17763.00	Mira	
possible configuration		Ø.17750.00, 10	

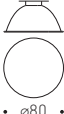


Accessories (pg. 249).
Photometric data (pg. 704-705 / 708-709).



Accessories (pg. 249).
Photometric data (pg. 769).

Accessories
LED

UNIMOSA	details	IOS LL2		reference	finish reference
 • ø80 •	interchangeable optical system shield finish 00 clear	A	11°	0.35050.00	00
		B	15°	0.35049.00	
		C	21°	0.35051.00	
		D	29°	0.35052.00	
		E	51°	0.35053.00	
		F	Mira*	0.35054.00	
		H	W. W.	0.35059.00	
 • ø80 •	interchangeable optical system with selective filters shield finish 64 green 65 light blue 66 orange 67 pink	IOS LL2	11°	0.35050.00	64
			15°	0.35049.00	65
			21°	0.35051.00	66
			29°	0.35052.00	67
			51°	0.35053.00	
	emergency pack for LED luminaires including Ni/Cd battery with 1h back-up sizes in mm L.160 x P.55 x H.90			0.35081.00	00
	hole cutter for cut-outs Ø130 mm			0.11330.00	00
	hole cutter handle <i>the handle fits all hole cutters which are available in a range of diameters</i>			0.10099.00	00
	extension lead for LED luminaires three-metre, two-core cable complete with quick-fit plug and socket			0.35100.00	00
* elliptical beam					
	possible configuration			0.35050.00	00

Accessories
metal halide lamps

UNIMOSA	details	IOS MH4		reference	finish reference
 • ø80 •	interchangeable optical system shield finish 00 clear	IOS MH4	12°/14°	0.11305.00	00
			22°/24°	0.11306.00	
			74°/78°	0.11307.00	
			Mira*	0.11308.00	
 • ø80 •	interchangeable optical system with selective filters shield finish 64 green 65 light blue 66 orange 67 pink	IOS MH4	12°/14°	0.11305.00	64
			22°/24°	0.11306.00	65
			74°/78°	0.11307.00	66
					67
 • ø80 •	interchangeable optical system shield finish 59 IR - 79 anti UV 74 blue dichroic filter 75 green dichroic filter 76 yellow dichroic filter 77 red dichroic filter	IOS MH4	12°/14°	0.11305.00	59
			22°/24°	0.11306.00	79
			74°/78°	0.11307.00	74
					75
	hole cutter for cut-outs Ø130 mm			0.11330.00	00
	hole cutter handle <i>the handle fits all hole cutters which are available in a range of diameters</i>			0.10099.00	00
* elliptical beam					
	possible configuration			0.11305.00	00

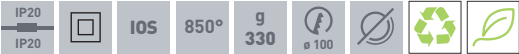
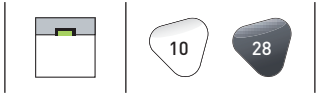


UNISIO

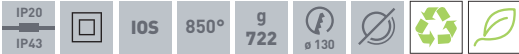
fixed recessed luminaire

design by: **Fabio Reggiani**

Round, fixed recessed luminaire with remote driver



10 W			1000 lm				
LED	driver reference	product reference	optics reference	lumen reference			finish reference
			IOS LL1 ▲		nom. lm	K	CRI
Ø	B882		1 15°	HW	803	2700	>90
V			2 30°	HQ	873	3000	>90
D			3 48°	WW	1044	3000	>80
T			K without optics	NN	1166	4000	>80
possible configuration				Ø, B882, 1, HQ, 10			



13 W		1500 lm				
LED	driver reference	product reference	optics reference	lumen reference		
			IOS LL2 ▲	nom. lm	K	CRI
Ø	B883		A 11°	HW	1148	2700 >90
V			B 15°	HQ	1221	3000 >90
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		
			IOS LL2 ▲	nom. lm	K	CRI
Ø	B885		A 11°	HW	1916	2700 >90
V			B 15°	HQ	2038	3000 >90
D			C 21°	WW	2650	3000 >80
T			D 29°	NN	2759	4000 >80
			E 51°			
			F Mira			
			K without optics			
possible configuration				Ø B885 A HQ 10		

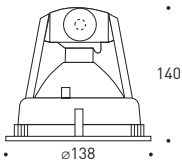
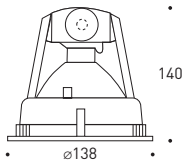


Accessories (pg. 258).
Photometric data (pg. 702).



Accessories (pg. 258).
Photometric data (pg. 704-705 / 708-709).

Round, fixed recessed luminaire 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	B887	A	11°	HW	2767	2700	>90	10
		B	15°	HQ	2944	3000	>90	28
V		C	21°	WW	3617	3000	>80	
		D	29°	NN	3798	4000	>80	
D		E	51°					
		F	Mira					
		K	without optics					
possible configuration					Ø B887 A HQ 10			



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
		B	15°	HQ	1221	3000	>90
V		C	21°	WW	1500	3000	>80
		D	29°	NN	1661	4000	>80
D		E	51°				
		F	Mira				
T		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
		B	15°	HQ	2038	3000	>90	28
V		C	21°	WW	2650	3000	>80	
		D	29°	NN	2759	4000	>80	
D		E	51°					
		F	Mira					
		K	without optics					
possible configuration					Ø C885 A HQ 10			

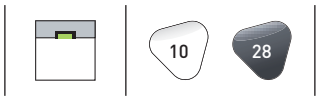


Accessories (pg. 258).
Photometric data (pg. 712-713).



Accessories (pg. 258).
Photometric data (pg. 704-705 / 708-709).

Round, fixed recessed luminaire with remote driver for halogen lamps with built-in reflector



HALO		QR-CB GU5.3	lamp with built-in reflector	finish reference
20 / 35 / 50 W				
Ø.13302.00			/	[10]
				[28]
possible configuration			Ø.13302.00 [10]	

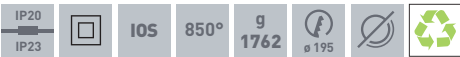
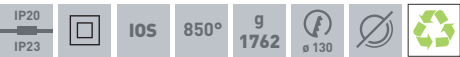
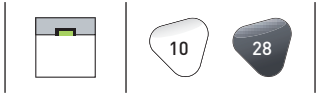


HALO		HI-SPOT GZ10	lamp with built-in reflector	finish reference
50 W				
Ø.13300.00			/	[10]
				[28]
possible configuration			Ø.13300.00 [10]	

Accessories (pg. 260).

Accessories (pg. 260).

Round, fixed recessed luminaire with remote driver for metal halide lamps



MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
20 W			
	Ø.13332.00	14°	[10]
	Ø.13334.00	34°	[28]
	Ø.13336.00	56°	
35 W			
	Ø.13344.00	14°	[10]
	Ø.13346.00	34°	[28]
	Ø.13348.00	56°	
50 W			
	Ø.50000.00	14°	[10]
	Ø.50001.00	34°	[28]
	Ø.50002.00	56°	
70 W			
	Ø.13350.00	14°	[10]
	Ø.13352.00	34°	[28]
	Ø.13354.00	58°	
possible configuration		Ø.13332.00 [10]	

MH IOS	CDM-T G12	IOS MH5 optics	finish reference
20 W HF control gear			
	Ø.13569.00	14°	[10]
	Ø.13571.00	22°	[28]
	Ø.13575.00	28°	
	Ø.13573.00	50°	
35 W HF control gear			
	Ø.13448.00	14°	[10]
	Ø.13450.00	22°	[28]
	Ø.13419.00	28°	
	Ø.13452.00	50°	
50 W HF control gear			
	Ø.50003.00	14°	[10]
	Ø.50004.00	22°	[28]
	Ø.50005.00	28°	
	Ø.50006.00	50°	
70 W HF control gear			
	Ø.13460.00	14°	[10]
	Ø.13462.00	22°	[28]
	Ø.13478.00	28°	
	Ø.13464.00	50°	
100 W HF control gear			
	Ø.50007.00	14°	[10]
	Ø.50008.00	22°	[28]
	Ø.50009.00	28°	
	Ø.50010.00	48°	

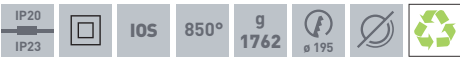
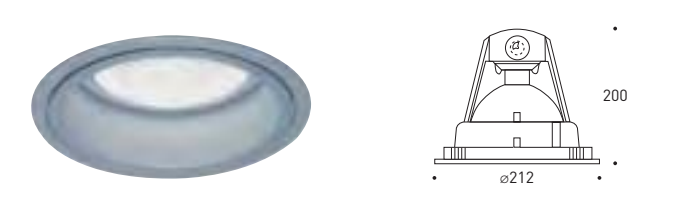
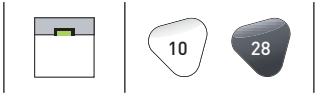


Accessories (pg. 261).
Photometric data (pg. 767).



Accessories (pg. 261).
Photometric data (pg. 770-771).

Round, fixed recessed luminaire with remote driver for metal halide lamps

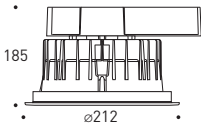


MH IOS		CDM-T G12	IOS MH5 optics	finish reference
150 W HF control gear				
Ø.13472.00			14°	[10]
Ø.13474.00			22°	[28]
Ø.13529.00			28°	
Ø.13476.00			48°	
150 W HPF control gear				
Ø.13466.EV			14°	[10]
Ø.13468.EV			22°	[28]
Ø.13527.EV			28°	
Ø.13470.EV			48°	
possible configuration			Ø.13472.00 [10]	



Accessories (pg. 261).
Photometric data (pg. 770-771).

Round, fixed recessed luminaire with remote driver



4x13 W			1000 lm				
LED	driver reference	product reference	optics reference		lumen reference		finish reference
			IOS LL3 ▲		nom. lm	K CRI	
Ø	B88T	Ø	20°	HQ	3440	3000 >90	10
				WW	3980	3000 >80	28
				NN	6640	4000 >80	
V							
possible configuration					Ø, B88T, Ø, HQ, 10		



Accessories (pg. 259).

Accessories
LED

UNISIO	 ø 100	details	IOS		reference	finish reference
LED IOS LL1	 • ø50 •	interchangeable optical system	1	15°	0.35005.00	00
		shield finish 00 clear	2	30°	0.35006.00	
			3	48°	0.35007.00	
LED IOS LL1 FOOD	 • ø50 •	interchangeable optical system with selective filters	IOS LL1	15°	0.35005.00	64
		shield finish 64 green 65 light blue 66 orange 67 pink		30°	0.35006.00	65
				48°	0.35007.00	66
		hole cutter for cut-outs Ø100 mm			0.11100.00	00
		hole cutter handle			0.10099.00	00
		<i>the handle fits all hole cutters which are available in a range of diameters</i>				
		extension lead for LED luminaires			0.35100.00	00
		three-metre, two-core cable complete with quick-fit plug and socket				
		spotlight support for luminaires with cut-out of Ø100 mm trimless			0.10000.00	10
possible configuration					0.12345.00	00

Accessories
LED

UNISIO		details	IOS		reference	finish reference
LED IOS LL2		interchangeable optical system	A	11°	0.35050.00	00
		shield finish 00 clear	B	15°	0.35049.00	
			C	21°	0.35051.00	
			D	29°	0.35052.00	
			E	51°	0.35053.00	
			F	Mira*	0.35054.00	
			H	W. W.	0.35059.00	
		LED IOS LL2 FOOD		interchangeable optical system with selective filters	IOS LL2	11°
shield finish 64 green 65 light blue 66 orange 67 pink	15°			0.35049.00		65
	21°			0.35051.00		66
	29°			0.35052.00		67
	51°			0.35053.00		
	• ø80 •					
	emergency pack for LED luminaires including Ni/Cd battery with 1h back-up			0.35081.00	00	
		sizes in mm L.160 x P.55 x H.90				
	hole cutter for cut-outs Ø130 mm			0.11330.00	00	
	hole cutter handle			0.10099.00	00	
		the handle fits all hole cutters which are available in a range of diameters				
	extension lead for LED luminaires			0.35100.00	00	
		three-metre, two-core cable complete with quick-fit plug and socket				
	spotlight support for luminaires with cut-out of Ø130 mm trimless			0.10001.00	10	
possible configuration					0.12345.00	00

* elliptical beam

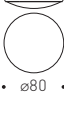
Accessories
LED

UNISIO	 details	IOS		reference	finish reference
 1 HOUR	 ø 195 emergency pack for LED luminaires including Ni/Cd battery with 1h back-up sizes in mm L.160 x P.55 x H.90			0.35081.00	00
	hole cutter for cut-outs Ø195 mm			0.11345.00	00
	hole cutter handle <i>the handle fits all hole cutters which are available in a range of diameters</i>			0.10099.00	00
	extension lead for LED luminaires three-metre, two-core cable complete with quick-fit plug and socket			0.35100.00	00
	spotlight support for luminaires with cut-out of Ø195 mm trimless			0.10003.00	10
possible configuration				0.35081.00	00

Accessories
halogen lamps

UNISIO	 details	reference	finish reference
	hole cutter for cut-outs Ø100 mm	Ø.11100.00	00
	hole cutter handle <i>the handle fits all hole cutters which are available in a range of diameters</i>	Ø.10099.00	00
	spotlight support for luminaires with cut-out of Ø100 mm trimless	Ø.10000.00	10
possible configuration		Ø.11100.00	00

Accessories
metal halide lamps

UNISIO		details	IOS	reference	finish reference
MH IOS MH2		interchangeable optical system	14°/16°	0.11300.00	00
		shield finish 00 clear	IOS MH2	34° 0.11301.00 56°/58° 0.11302.00 Mira* 0.11303.00	
MH IOS MH2 FOOD		interchangeable optical system with selective filters	14°/16°	0.11300.00	64
		shield finish 64 green 65 light blue 66 orange 67 pink	IOS MH2	34° 0.11301.00 56°/58° 0.11302.00 Mira* 0.11303.00	65 66 67
MH IOS MH2 UV/IR		interchangeable optical system	14°/16°	0.11300.00	59
		shield finish 59 IR - 79 anti UV	IOS MH2	34° 0.11301.00 56°/58° 0.11302.00 Mira* 0.11303.00	79 74 75 76 77
MH IOS MH2		shield finish 74 blue dichroic filter 75 green dichroic filter 76 yellow dichroic filter 77 red dichroic filter			
		hole cutter for cut-outs Ø130 mm		0.11330.00	00
		hole cutter handle the handle fits all hole cutters which are available in a range of diameters		0.10099.00	00
		spotlight support for luminaires with cut-out of Ø130 mm trimless		0.10001.00	10
* elliptical beam					
possible configuration				0.11300.00	10

Accessories
metal halide lamps

UNISIO		details	IOS	reference	finish reference
MH IOS MH5		interchangeable optical system	14°	0.11310.00	00
		shield finish 00 clear	IOS MH5	22° 0.11311.00 28° 0.11318.00 48°/50° 0.11312.00 Mira* 0.11313.00	
MH IOS MH5 FOOD		interchangeable optical system with selective filters	14°	0.11310.00	64
		shield finish 64 green 65 light blue 66 orange 67 pink	IOS MH5	22° 0.11311.00 28° 0.11318.00 48°/50° 0.11312.00 Mira* 0.11313.00	65 66 67
MH IOS MH5 UV/IR		interchangeable optical system	14°	0.11310.00	59
		shield finish 59 IR - 79 anti UV	IOS MH5	22° 0.11311.00 28° 0.11318.00 48°/50° 0.11312.00 Mira* 0.11313.00	79 74 75 76 77
MH IOS MH5		shield finish 74 blue dichroic filter 75 green dichroic filter 76 yellow dichroic filter 77 red dichroic filter			
		hole cutter for cut-outs Ø195 mm		0.11345.00	00
		hole cutter handle the handle fits all hole cutters which are available in a range of diameters		0.10099.00	00
		spotlight support for luminaires with cut-out of Ø195 mm trimless		0.10003.00	10
* elliptical beam					
possible configuration				0.11310.00	00

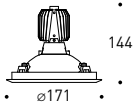
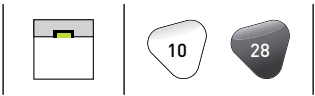


SOMBRA

adjustable recessed luminaire

design by: **Fabio Reggiani**

Round, adjustable recessed luminaire with remote driver

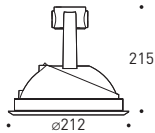


10 W			1000 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL1	▲	nom. lm	K	CRI	
Ø	Ø662	1	15°	HQ	873	3000	>90	10
		2	30°	WW	1044	3000	>80	28
V		3	48°	NN	1166	4000	>80	
D		K	without optics					
T								
possible configuration					Ø, Ø662, 1, HQ, 10			



Accessories (pg. 269).
Photometric data (pg. 702).

Round, adjustable recessed luminaire with remote driver



13 W		1500 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	Ø663	A	11°	HQ	1221	3000	>90	10
		B	15°	WW	1500	3000	>80	28
V		C	21°	NN	1661	4000	>80	
		D	29°					
D		E	51°					
		F	Mira					
T		K	without optics					
possible configuration					Ø, Ø663, A, HQ, 10			

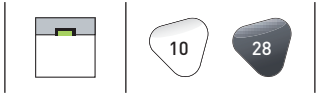
30 W		3500 lm						
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲	nom. lm	K	CRI		
Ø	Ø667	A	11°	HQ	2944	3000	>90	10
		B	15°	WW	3617	3000	>80	28
V		C	21°	NN	3798	4000	>80	
D		D	29°					
		E	51°					
		F	Mira					
		K	without optics					
possible configuration				Ø, Ø667, A, HQ, 10				

22 W			2500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	Ø665	A	11°	HQ	2038	3000	>90	10
		B	15°	WW	2650	3000	>80	28
V		C	21°	NN	2759	4000	>80	
		D	29°					
D		E	51°					
		F	Mira					
T		K	without optics					
possible configuration					Ø, Ø665, A, HQ, 10			



Accessories [pg. 269].
Photometric data [pg. 704-705 / 708-709 / 712-713].

Round, adjustable recessed luminaire with remote driver for metal halide lamps and halogen lamps



MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
20 W			
	0.10602.00	14°	[10]
	0.10604.00	34°	[28]
	0.10606.00	56°	
	0.10608.00	Mira	
35 W			
	0.10610.00	14°	[10]
	0.10612.00	34°	[28]
	0.10614.00	56°	
	0.10616.00	Mira	
50 W			
	0.50046.00	14°	[10]
	0.50047.00	34°	[28]
	0.50048.00	56°	
	0.50049.00	Mira	
70 W			
	0.10618.00	16°	[10]
	0.10620.00	34°	[28]
	0.10622.00	58°	
	0.10624.00	Mira	
possible configuration		0.10602.00 [10]	



HALO IOS	QT-12 GY6.5	IOS HL2 optics	finish reference
50 W / 12 V			
	0.10654.00	18°	[10]
	0.10656.00	24°	[28]
	0.10658.00	30°	
possible configuration		0.10654.00 [10]	

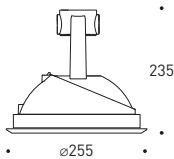


Accessories (pg. 270).
Photometric data (pg. 767).



Accessories (pg. 270).
Photometric data (pg. 772).

Round, adjustable recessed luminaire with remote driver for metal halide lamps



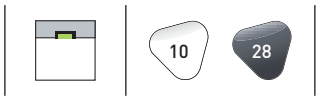
MH IOS	CDM-T G12	IOS MH5 optics	finish reference
20 W	HF control gear		
	Ø.10540.00	14°	[10]
	Ø.10542.00	22°	[28]
	Ø.10546.00	28°	
	Ø.10544.00	50°	
35 W	HF control gear		
	Ø.10256.00	14°	[10]
	Ø.10258.00	22°	[28]
	Ø.10210.00	28°	
	Ø.10260.00	50°	
50 W	HF control gear		
	Ø.50050.00	14°	[10]
	Ø.50051.00	22°	[28]
	Ø.50052.00	28°	
	Ø.50053.00	50°	
70 W	HF control gear		
	Ø.10268.00	14°	[10]
	Ø.10270.00	22°	[28]
	Ø.10214.00	28°	
	Ø.10272.00	50°	
100 W	HF control gear		
	Ø.50054.00	14°	[10]
	Ø.50055.00	22°	[28]
	Ø.50056.00	28°	
	Ø.50057.00	48°	

MH IOS	CDM-T G12	IOS MH5 optics	finish reference
150 W	HF control gear		
	Ø.10280.00	14°	[10]
	Ø.10282.00	22°	[28]
	Ø.10218.00	28°	
	Ø.10284.00	48°	
150 W	HPF control gear		
	Ø.10274.EV	14°	[10]
	Ø.10276.EV	22°	[28]
	Ø.10216.EV	28°	
	Ø.10278.EV	48°	
possible configuration		Ø.10540.00 [10]	



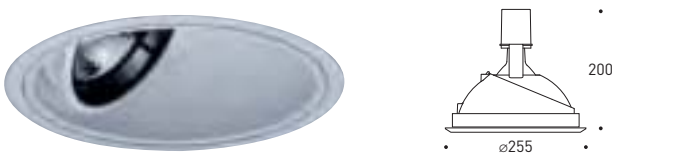
Accessories (pg. 270).
Photometric data (pg. 770-771).

Recessed luminaire for halogen lamps
with built-in reflector



HALO		QR-CB GU5.3	lamp with built-in reflector	finish reference
20 / 35 / 50 W - 12V				
		Ø.10116.00	/	[10]
				[28]
possible configuration			Ø.10116.00[10]	

HALO		HI-SPOT GZ10	lamp with built-in reflector	finish reference
€ 50 W				
		Ø.10118.00	/	[10]
				[28]
possible configuration			Ø.10118.00[10]	



HALO		QR-111 G53	lamp with built-in reflector	finish reference
65 W - 12V				
		Ø.10302.00	/	[10]
				[28]
possible configuration			Ø.10302.00[10]	



Accessories (pg. 271).



Accessories (pg. 271).

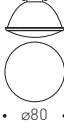
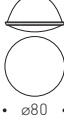
Accessories
LED

SOMBRA	 ø 155	details	IOS		reference	finish reference
LED IOS LL1	 • ø50 •	interchangeable optical system	1	15°	0.35005.00	00
		shield finish 00 clear	2	30°	0.35006.00	
			3	48°	0.35007.00	
LED IOS LL1 FOOD	 • ø50 •	interchangeable optical system with selective filters	IOS LL1	15°	0.35005.00	64
		shield finish 64 green 65 light blue 66 orange 67 pink		30°	0.35006.00	65
				48°	0.35007.00	66
						67
		hole cutter for cut-outs Ø151 mm			0.10151.00	00
		hole cutter handle <i>the handle fits all hole cutters which are available in a range of diameters</i>			0.10099.00	00
		extension lead for LED luminaires three-metre, two-core cable complete with quick-fit plug and socket			0.35100.00	00
		spotlight support for luminaires with cut-out of Ø151 mm			0.10002.00	10
possible configuration					0.35005.00	00

SOMBRA		details	IOS		reference	finish reference
LED IOS LL2 		interchangeable optical system	A	11°	0.35050.00	00
		shield finish 00 clear	B	15°	0.35049.00	
			C	21°	0.35051.00	
			D	29°	0.35052.00	
			E	51°	0.35053.00	
			F	Mira*	0.35054.00	
			H	W. W.	0.35059.00	
			LED IOS LL2 FOOD 		interchangeable optical system with selective filters	IOS LL2
shield finish 64 green 65 light blue 66 orange 67 pink	15°	0.35049.00			65	
	21°	0.35051.00			66	
	29°	0.35052.00			67	
	51°	0.35053.00				
					emergency pack for LED luminaires including Ni/Cd battery with 1h back-up	
		sizes in mm L.160 x P.55 x H.90				
		Hole cutter for cut-outs Ø195 mm			0.11345.00	00
		hole cutter handle <i>the handle fits all hole cutters which are available in a range of diameters</i>			0.10099.00	00
		extension lead for LED luminaires three-metre, two-core cable complete with quick-fit plug and socket			0.35100.00	00
		spotlight support for luminaires with cut-out of Ø195 mm			0.10003.00	10

* elliptical beam

Accessories
metal halide lamps / halogen lamps

SOMBRA		details	IOS		reference	finish reference
MH IOS MH2		interchangeable optical system	IOS MH2	14°/16°	0.11300.00	[00]
		shield finish		34°	0.11301.00	
		00 clear		56°/58°	0.11302.00	
				Mira*	0.11303.00	
	• ø80 •					
MH IOS MH2 FOOD		interchangeable optical system with selective filters	IOS MH2	14°/16°	0.11300.00	[64]
		shield finish		34°	0.11301.00	[65]
		64 green		56°/58°	0.11302.00	[66]
		65 light blue				[67]
		66 orange				
		67 pink				
	• ø80 •					
MH IOS MH2 UV/IR		interchangeable optical system	IOS MH2	14°/16°	0.11300.00	[59]
		shield finish		34°	0.11301.00	[79]
		59 anti UV - 79 IR		56°/58°	0.11302.00	[74]
		74 blue dichroic filter				[75]
		75 green dichroic filter				[76]
		76 yellow dichroic filter				[77]
		77 red dichroic filter				
	• ø80 •					
HALO IOS HL2		interchangeable optical system	IOS HL2	18°	0.11300.00	[00]
		shield finish		24°	0.11301.00	
		00 clear		30°	0.11302.00	
				Mira*	0.11303.00	
	• ø80 •					
HALO IOS HL2 FOOD		interchangeable optical system with selective filters	IOS HL2	18°	0.11300.00	[64]
		shield finish		24°	0.11301.00	[65]
		64 green		30°	0.11302.00	[66]
		65 light blue				[67]
		66 orange				
		67 pink				
	• ø80 •					
HALO IOS HL2 UV/IR		interchangeable optical system	IOS HL2	18°	0.11300.00	[59]
		shield finish		24°	0.11301.00	[79]
		59 anti UV - 79 IR		30°	0.11302.00	[74]
		74 blue dichroic filter				[75]
		75 green dichroic filter				[76]
		76 yellow dichroic filter				[77]
		77 red dichroic filter				
	• ø80 •					
		hole cutter for cut-outs Ø195 mm			0.11345.00	[00]

	hole cutter handle	0.10099.00	[00]
	<i>the handle fits all hole cutters which are available in a range of diameters</i>		
	spotlight support for luminaires with cut-out of Ø195 mm	0.10003.00	[10]

* elliptical beam

possible configuration

0.11300.00 [10]

Accessories
metal halide lamps / halogen lamps

SOMBRA		details	IOS		reference	finish reference
MH IOS MH5		interchangeable optical system	IOS MH5	14°/16°	0.11310.00	[00]
		shield finish		22°	0.11311.00	
		00 clear		28°	0.11318.00	
				48°/50°	0.11312.00	
	• Ø130 •					
MH IOS MH5 FOOD		interchangeable optical system with selective filters	IOS MH5	14°/16°	0.11310.00	[64]
		shield finish		22°	0.11311.00	[65]
		64 green		28°	0.11318.00	[66]
		65 light blue		48°/50°	0.11312.00	[67]
		66 orange				
		67 pink				
	• Ø130 •					
MH IOS MH5 UV/IR		interchangeable optical system	IOS MH5	14°/16°	0.11310.00	[59]
		shield finish		22°	0.11311.00	[79]
		59 anti UV - 79 IR		28°	0.11318.00	[74]
		74 blue dichroic filter		48°/50°	0.11312.00	[75]
		75 green dichroic filter				[76]
		76 yellow dichroic filter				[77]
		77 red dichroic filter				
	• Ø130 •					
		hole cutter for cut-outs Ø235 mm			0.10235.00	[00]
	hole cutter handle	0.10099.00	[00]			
	<i>the handle fits all hole cutters which are available in a range of diameters</i>					
	spotlight support for luminaires with cut-out of Ø235 mm	0.10004.00	[10]			
* elliptical beam						
possible configuration						0.11310.00 [10]

Accessories
halogen lamps

SOMBRA	 Ø 155	details	reference	finish reference
		dichroic filters	Ø.06937.00	[74]
		shield finish	Ø.06937.00	[75]
		74 blue	Ø.06937.00	[76]
		75 green	Ø.06937.00	[77]
		76 yellow	Ø.06937.00	[77]
		77 red		
		hole cutter for cut-outs Ø195 mm	Ø.10151.00	[00]
		hole cutter handle	Ø.10099.00	[00]
		<i>the handle fits all hole cutters which are available in a range of diameters</i>		
		spotlight support for luminaires with cut-out of Ø195 mm	Ø.10002.00	[10]
possible configuration			Ø.06937.00	[00]

Accessories
halogen lamps

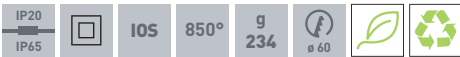
SOMBRA	 ø 235	details	reference	finish reference
		hole cutter for cut-outs Ø235 mm	Ø.11235.00	[00]
		hole cutter handle	Ø.10099.00	[00]
		<i>the handle fits all hole cutters which are available in a range of diameters</i>		
		spotlight support for luminaires with cut-out of Ø235 mm	Ø.10004.00	[10]
possible configuration			Ø.11235.00	[00]



RE LOW LED

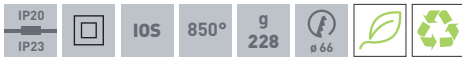
fixed / adjustable recessed luminaire

Fixed Comfort recessed round luminaire with remote driver



10 W			1000 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL1 ▲		nom. lm	K	CRI	
Ø	VE32	1	15°	HW	803	2700	>90	12
		2	30°	HQ	873	3000	>90	28
		3	48°	WW	1044	3000	>80	31
		K	senza ottica	NN	1166	4000	>95	
V								
D								
T								
possible configuration					Ø, VE32, 1, HQ, 10			

Fixed Comfort recessed round luminaire with remote driver



10 W		1000 lm						
LED	driver reference	product reference	optics reference		lumen reference		finish reference	
			IOS LL1	▲	nom. lm	K	CRI	
[Ø]	UE32	[1]	15°	[HW]	803	2700	>90	[12]
		[2]	30°	[HQ]	873	3000	>90	[28]
		[3]	48°	[WW]	1044	3000	>80	[31]
		[K]	without optics	[NN]	1166	4000	>95	
[V]								
[D]								
[T]								
possible configuration					[Ø], UE32, [1], [HQ], [10]			



Accessories (pg. 281).
Photometric data (pg. 702).



Accessories (pg. 281).
Photometric data (pg. 702).

Fixed recessed round luminaire with remote driver

Adjustable Comfort recessed round luminaire with remote driver



10 W			1000 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL1 ▲		nom. lm	K	CRI	
Ø V D T	RE32	1	15°	HW	803	2700	>90	12
		2	30°	HQ	873	3000	>90	28
		3	48°	WW	1044	3000	>80	31
		K	without optics	NN	1166	4000	>95	
		possible configuration				Ø, RE321, HQ10		

10 W		1000 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL1	▲	nom. lm	K	CRI	
[Ø] [V] [D] [T]	TE32	[1]	15°	[HW]	803	2700	>90	[05]*
		[2]	30°	[HQ]	873	3000	>90	[12]
		[3]	48°	[WW]	1044	3000	>80	[28]
		[K]	without optics	[NN]	1166	4000	>95	[31]
		possible configuration						

Special finish 05 please contact Reggiani

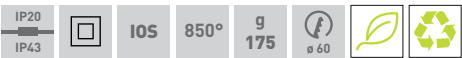


Accessories (pg. 281).
Photometric data (pg. 702).



Accessories (pg. 281).
Photometric data (pg. 702).

Fixed recessed round luminaire with remote driver



10 W		1000 lm				
LED	driver reference	product reference	optics reference	lumen reference		
			IOS LL1 ▲	nom. lm	K	CRI
Ø	HE32	1	15°	HW	803	2700 >90
			30°	HQ	873	3000 >90
			48°	WW	1044	3000 >80
			without optics	NN	1166	4000 >95
V						
D						
T						
possible configuration				Ø-HE321-HQ10		

Special finish 01 please contact Reggiani
Special finish 05 please contact Reggiani

Adjustable recessed round luminaire with retracted tilting optics and remote driver



10 W		1000 lm				
LED	driver reference	product reference	optics reference	lumen reference		
			IOS LL1 ▲	nom. lm	K	CRI
Ø	ME32	1	15°	HW	803	2700 >90
			30°	HQ	873	3000 >90
			48°	WW	1044	3000 >80
			without optics	NN	1166	4000 >95
V						
D						
T						
possible configuration				Ø-ME321-HQ05		

Accessories (pg. 281).
Photometric data (pg. 702).

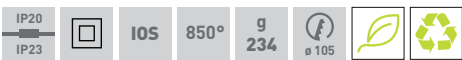


Accessories (pg. 281).
Photometric data (pg. 702).



Fixed Comfort recessed round luminaire with remote driver

Comfort recessed round luminaire with tilting optics and remote driver



10 W		1000 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL1 ▲		nom. lm	K	CRI	
[Ø]	NE32	[1]	15°	[HW]	803	2700	>90	[12]
		[2]	30°	[HQ]	873	3000	>90	[28]
		[3]	48°	[WW]	1044	3000	>80	[31]
		[K]	without optics	[NN]	1166	4000	>95	
[V]								
[D]								
[T]								
possible configuration					[Ø]_NE32[1]_ [HQ]_ [10]			

10 W		1000 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL1 ▲		nom. lm	K	CRI	
[Ø]	PE32	[1]	15°	[HW]	803	2700	>90	[12]
		[2]	30°	[HQ]	873	3000	>90	[28]
		[3]	48°	[WW]	1044	3000	>80	[31]
		[K]	without optics	[NN]	1166	4000	>95	
[V]								
[D]								
[T]								
possible configuration					[Ø].PE32[1].[HQ]05			

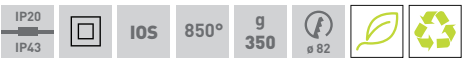


Accessories (pg. 281).
Photometric data (pg. 702).



Accessories (pg. 281).
Photometric data (pg. 702).

Fixed recessed round luminaire in solid brass with remote driver



10 W			1000 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL1	▲	nom. lm	K	CRI	
Ø	GE32	1	15°	HW	803	2700	>90	12
		2	30°	HQ	873	3000	>90	28
V		3	48°	WW	1044	3000	>80	31
D		K	without optics	NN	1166	4000	>95	
T								
possible configuration					Ø GE32 1 HQ 10			

Adjustable recessed round luminaire with retracted tilting optics and remote driver



10 W			1000 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL1 ▲		nom. lm	K	CRI	
Ø	LE32	1	15°	HW	803	2700	>90	12
		2	30°	HQ	873	3000	>90	28
V		3	48°	WW	1044	3000	>80	31
D		K	without optics	NN	1166	4000	>95	
T								
possible configuration					Ø, LE32, 1, HQ, 10			



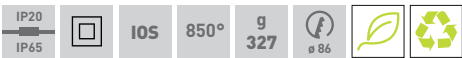
Accessories (pg. 281).
Photometric data (pg. 702).



Accessories (pg. 281).
Photometric data (pg. 702).

Fixed recessed round luminaire (IP65, IK06); prismatic glass diffuser with clear glass central lens

Fixed recessed round luminaire with retracted tilting optics and remote driver



10 W		1000 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL1 ▲		nom. lm	K	CRI	
Ø	CE32	1	15°	HW	803	2700	>90	80
		2	30°	HQ	873	3000	>90	
		3	48°	WW	1044	3000	>80	
		K	without optics	NN	1166	4000	>95	
V								
D								
T								
possible configuration					Ø, CE32, 1, HQ, 10			

10 W		1000 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL1	▲	nom. lm	K	CRI	
Ø	BE32	1	15°	HW	803	2700	>90	05*
		2	30°	HQ	873	3000	>90	10
		3	48°	WW	1044	3000	>80	12
		K	without optics	NN	1166	4000	>95	21
				28				
							31	
possible configuration					Ø, BE32, 1, HQ, 10			

Special finish 05 please contact Reggiani

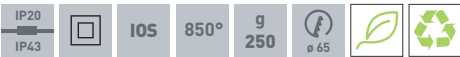
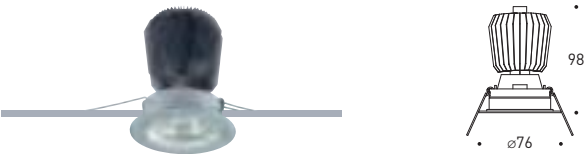


Accessories (pg. 281).
Photometric data (pg. 702).



Accessories (pg. 281).
Photometric data (pg. 702).

Fixed recessed round luminaire in solid brass with remote driver



10 W		1000 lm				
LED	driver reference	product reference	optics reference	lumen reference		
			IOS LL1 ▲	nom. lm	K	CRI
Ø	DE32	1	15°	HW	803	2700 >90
		2	30°	HQ	873	3000 >90
		3	48°	WW	1044	3000 >80
		K	without optics	NN	1166	4000 >95
V						
D						
T						
possible configuration				Ø DE32 1 HQ 10		

Adjustable recessed round luminaire in solid brass with remote driver



10 W		1000 lm				
LED	driver reference	product reference	optics reference	lumen reference		
			IOS LL1 ▲	nom. lm	K	CRI
Ø	FE32	1	15°	HW	803	2700 >90
		2	30°	HQ	873	3000 >90
		3	48°	WW	1044	3000 >80
		K	without optics	NN	1166	4000 >95
V						
D						
T						
possible configuration				Ø FE32 1 HQ 10		



Accessories (pg. 281).
Photometric data (pg. 702).



Accessories (pg. 281).
Photometric data (pg. 702).

Accessories
LED

	details	IOS		reference	finish reference
LED IOS LL1  • ø50 •	interchangeable optical system	1	15°	0.35005.00	00
		2	30°	0.35006.00	
	shield finish 00 clear	3	48°	0.35007.00	
LED IOSLL1 FOOD  • ø50 •	interchangeable optical system with selective filters	IOS LL1	15°	0.35005.00	64
			30°	0.35006.00	65
			48°	0.35007.00	66
	shield finish 64 green 65 light blue 66 orange 67 pink				67
 1 HOUR	emergency pack for LED LUCE luminaires including Ni/Cd battery with 1h back-up			0.35071.00	00
	Extension lead For LED LUCE luminaires Three-metre, two- core cable complete with quick-fit plug and socket			0.35100.00	00
possible configuration				0.12345.00	00



TTILE

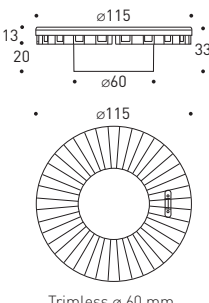
fixed recessed luminaire

design by: **Fabio Reggiani**

Round, fixed recessed luminaire with remote driver

TTile in





Trimless $\varnothing$ 60 mm
Round trim* $\varnothing$ 65 mm
Square trim* $\varnothing$ 65 mm

IP20
IP40



IOS

850°

g
566



$\varnothing$ 60

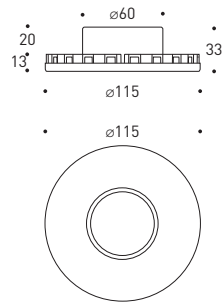




10 W		1000 lm				
LED	driver reference	product reference	optics reference	lumen reference		
			IOS LL1 ▲	nom. lm	K	CRI
Ø	BB52	1	15°	HQ	873	3000 >90
			30°	WW	1044	3000 >80
			48°	NN	1166	4000 >80
			without optics			
V						
D						
T						
possible configuration				Ø BB52 1 HQ 01		

TTile out





IP20
IP40



IOS

850°

g
566

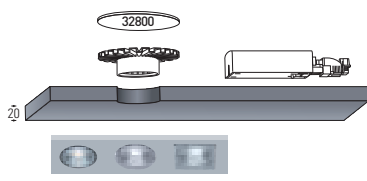


$\varnothing$ 65

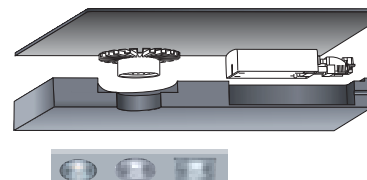




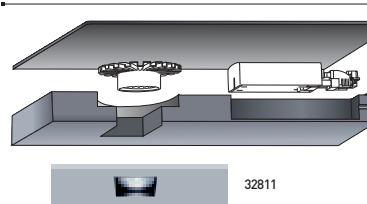
10 W		1000 lm				
LED	driver reference	product reference	optics reference	lumen reference		
			IOS LL1 ▲	nom. lm	K	CRI
Ø	CB52	1	15°	HQ	873	3000 >90
			30°	WW	1044	3000 >80
			48°	NN	1166	4000 >80
			without optics			
V						
D						
T						
possible configuration				Ø CB52 1 HQ 01		



On a 20 mm thick panel, with optional back cover plate (accessory ref. 32800.00).



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. 32811.00000).

LED IOS LL1

LED IOS LL1 FOOD

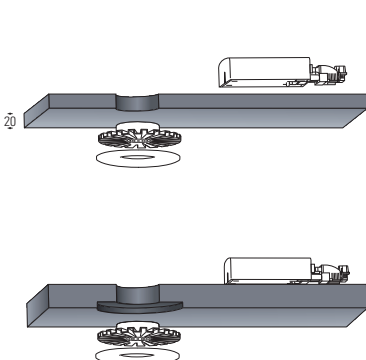








Semi-recessed



LED IOS LL1

LED IOS LL1 FOOD







Accessories (pg. 285).
Photometric data (pg. 702).

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	1	15°	0.35005.00	00
		shield finish 00 clear	2	30°	0.35006.00	
			3	48°	0.35007.00	
 LED IOS LL1 FOOD	 • Ø50 •	interchangeable optical system with selective filters	IOS LL1	15°	0.35005.00	64
		shield finish 64 green 65 light blue 66 orange 67 pink		30°	0.35006.00	65
				48°	0.35007.00	66
		extension lead for LED luminaires	/		0.35100.00	00
		three-metre, two-core cable complete with quick-fit plug and socket				
		Phase cut dimmer (max 400 W) for LED LUCE adjustment	/		0.35110.00	00
		back cover plate only for Ttile in 117 mm x h6 mm	/		0.32800.00	01
						10
						21
						28
		square anti-glare attachment only for Ttile in L65 mm x l65 mm x h14 mm	/		0.32811.00	42
possible configuration					0.35005.00	00

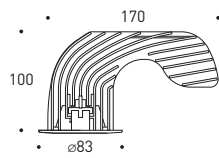
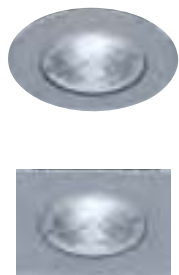
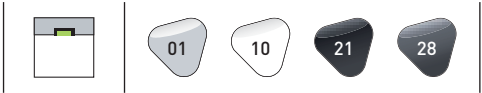


SPLED

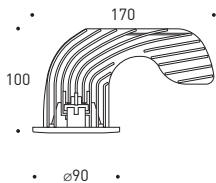
fixed recessed luminaire

design by: **Fabio Reggiani**

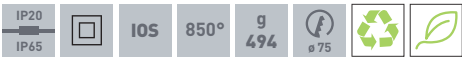
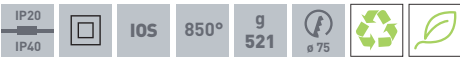
Round, fixed recessed luminaire with remote driver



Round trim* ø 83 mm
Square trim* 83 mm



Prismatic clear* diffuser.



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
I		K	without optics					28
T								
possible configuration					Ø BB42 1 HQ 01			

[*] Round or square trim included in every pack

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



Accessories (pg. 289).
Photometric data (pg. 702).



Accessories (pg. 289).
Photometric data (pg. 702).

Accessories
LED

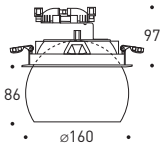
SPLED		details	IOS LL1		reference	finish reference	
 LED 105 LL1	 •ø50•	interchangeable optical system	1	15°	0.35005.00	00	
		shield finish 00 clear	2	30°	0.35006.00		
			3	48°	0.35007.00		
 LED 105 LL1 FOOD	 •ø50•	interchangeable optical system with selective filters	IOS LL1	15°	0.35005.00	64	
		shield finish 64 green 65 light blue 66 orange 67 pink		30°	0.35006.00	65	
				48°	0.35007.00	66	
						67	
		extension lead for LED luminaires			0.35100.00	42	
		three-metre, two-core cable complete with quick-fit plug and socket					
possible configuration					0.12345.00	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			finish reference	
			IOS LL2 ▲	nom. lm	K	CRI		
Ø	BB93	A	11°	HQ	1221	3000	>90	10
V		B	15°	WW	1500	3000	>80	21
D		C	21°	NN	1661	4000	>80	28
		D	29°					
		E	51°					
		F	Mira					
			K	without optics				
possible configuration				Ø BB93 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	BB97	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, BB97, 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	BB95	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 BB95 A HQ 10			



Accessories (pg. 295).
Photometric data (pg. 704-705 / 708-709 / 712-713).

Round, adjustable recessed luminaire with remote driver for metal halide lamps and halogen lamps



MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
20 W			
0.20402.00		7°	[10]
0.20404.00		17°	[21]
0.20406.00		28°	[28]
0.20408.00		Mira	
35 W			
0.20412.00		7°	[10]
0.20414.00		17°	[21]
0.20416.00		28°	[28]
0.20418.00		Mira	
50 W			
0.50039.00		7°	[10]
0.50040.00		17°	[21]
0.50041.00		28°	[28]
0.50042.00		Mira	
70 W			
0.20422.00		8°	[10]
0.20424.00		17°	[21]
0.20426.00		29°	[28]
0.20428.00		Mira	
possible configuration		0.20402.00 [10]	



Accessories (pg. 295).
Photometric data (pg. 767).

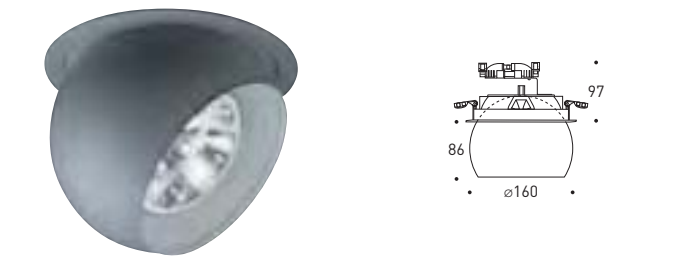


HALO IOS	QT-12 GY6.5	IOS HL2 optics	finish reference
60 W			
0.20432.00		18°	[10]
0.20434.00		24°	[21]
0.20436.00		30°	[28]
possible configuration		0.20432.00 [10]	

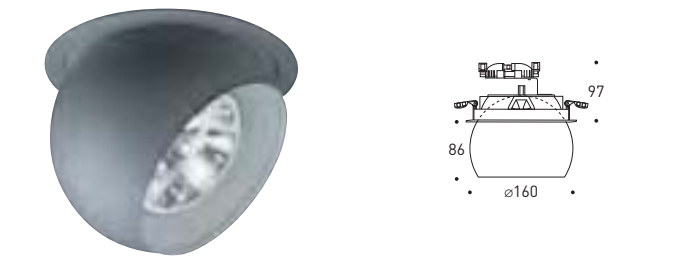


Accessories (pg. 295).
Photometric data (pg. 772).

Round, adjustable recessed luminaire with remote driver for halogen lamps



HALO		QR-111 G53	lamp with built-in reflector	finish reference
75 W				
		0.20440.00	/	10
				21
				28
		possible configuration		
		0.20440.0010		



HALO		CDM-R111 GX8.5	lamp with built-in reflector	finish reference
20 W				
		0.20452.00	/	10
				21
				28
		0.20454.00	/	10
				21
				28
		0.20456.00	/	10
				21
				28
		possible configuration		
		0.20452.0010		

Accessories
LED

IONE		details	IOS		reference	finish reference
		interchangeable optical system	A	11°	0.35050.00	
			B	15°	0.35049.00	
		shield finish 00 clear	C	21°	0.35051.00	
			D	29°	0.35052.00	
			E	51°	0.35053.00	
			F	Mira*	0.35054.00	
			H	W. W.	0.35059.00	
		interchangeable optical system with selective filters	IOS LL2	11°	0.35050.00	
				15°	0.35049.00	
				21°	0.35051.00	
				29°	0.35052.00	
		shield finish		51°	0.35053.00	
		emergency pack for LED luminaires including Ni/Cd battery with 1h back-up			0.35081.00	
		sizes in mm L.160 x P.55 x H.90				
		phase cut dimmer (max 400W) for LED adjustment			0.35110.00	
		extension lead for LED LUCE luminaires			0.35100.00	
		three-metre, two-core cable complete with quick-fit plug and socket				
* elliptical beam						
possible configuration					0.35050.00	

Accessories
halogen lamps / metal halide lamps

IONE		details	IOS		reference	finish reference
MH IOS MH2		interchangeable optical system		14°/16°	0.11300.00	[00]
			IOS MH2	34°	0.11301.00	
		56°/58°		0.11302.00		
		Mira*		0.11303.00		
		shield finish 00 clear				
MH IOS MH2 FOOD		interchangeable optical system with selective filters		14°/16°	0.11300.00	[64]
			IOS MH2	34°	0.11301.00	[65]
		56°/58°		0.11302.00	[66]	
						[67]
		shield finish 64 green 65 light blue 66 orange 67 pink				
MH IOS MH2 UV/IR		interchangeable optical system		14°/16°	0.11300.00	[59]
			IOS MH2	34°	0.11301.00	[79]
		56°/58°		0.11302.00	[74]	
						[75]
		shield finish 59 IR - 79 anti UV 74 blue dichroic filter 75 green dichroic filter 76 yellow dichroic filter 77 red dichroic filter				[76] [77]
HALO IOS HL2		interchangeable optical system		18°	0.11300.00	[00]
			IOS HL2	24°	0.11301.00	
		30°		0.11302.00		
					shield finish 00 clear	
HALO IOS HL2 FOOD		interchangeable optical system with selective filters		18°	0.11300.00	[64]
			IOS HL2	24°	0.11301.00	[65]
		30°		0.11302.00	[66]	
						[67]
		shield finish 64 green 65 light blue 66 orange 67 pink				
HALO IOS HL2 UV/IR		interchangeable optical system		18°	0.11300.00	[59]
			IOS HL2	24°	0.11301.00	[79]
		30°		0.11302.00	[74]	
						[75]
		shield finish 59 IR - 79 anti UV 74 blue dichroic filter 75 green dichroic filter 76 yellow dichroic filter 77 red dichroic filter				[76] [77]
* elliptical beam						
possible configuration					0.11300.00	[10]

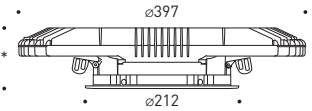
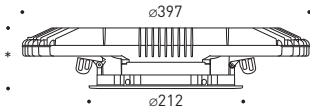


QUADRIPLUS

fixed recessed luminaire

design by: **Fabio Reggiani**

Round, fixed recessed luminaire with remote driver

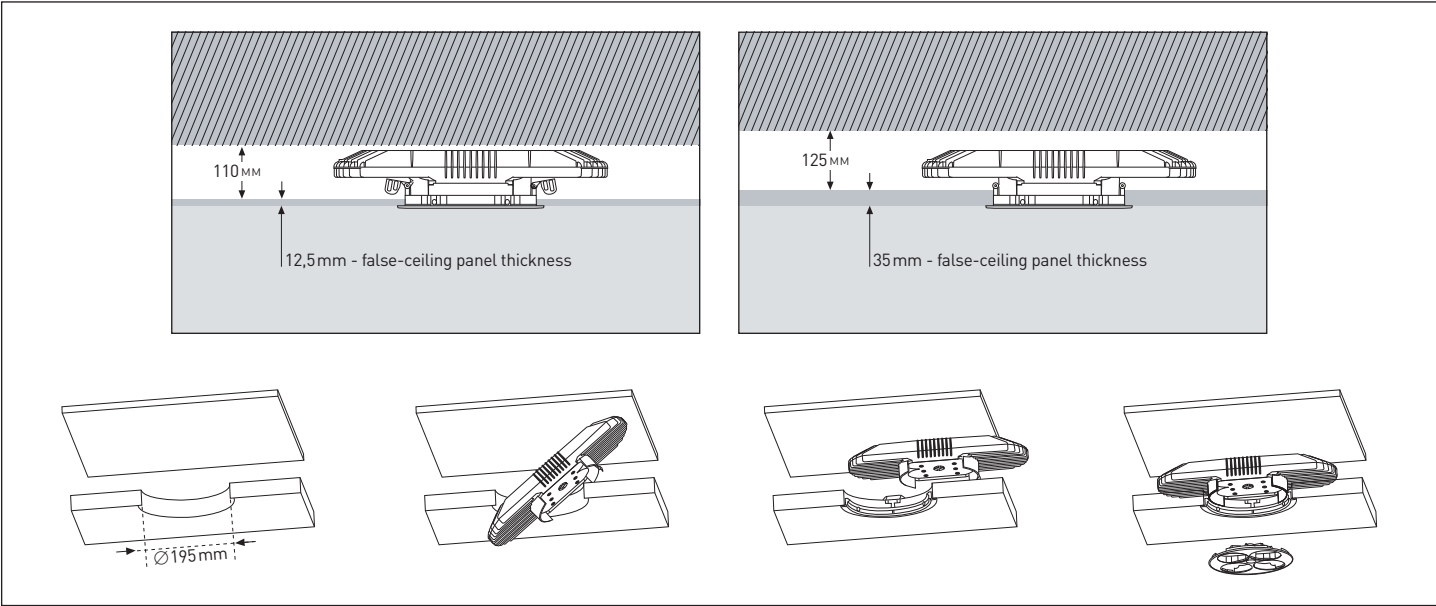


SYMMETRIC					
4x13 W 6000 lm					
LED	driver reference	product reference	optics reference	lumen reference	
			IOS LL4 ▲	nom. lm	K CRI
Ø	BB6T		J 21°	HQ 4480	3000 >90
			V 25°	WW 6000	3000 >80
			W 34°	NN 6640	4000 >80
			X 45°		
V			Y 71°		
D					
possible configuration				Ø BB6T A J HQ 10	



ASYMMETRIC					
2x13 W 3000 lm					
LED	driver reference	product reference	optics reference	lumen reference	
			IOS LL5 ▲	nom. lm	K CRI
Ø	CB6R		0 α 44° β 89°	HQ 2240	3000 >90
				WW 3000	3000 >80
				NN 3320	4000 >80
V					
D					
possible configuration				Ø CB6R 0 J HQ 10	

Recessed housing depth

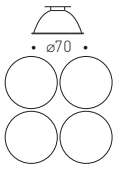


Accessories (pg. 299).
Photometric data (pg. 732-733).



Accessories (pg. 299).
Photometric data (pg. 732-733).

Accessories
LED

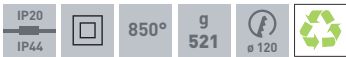
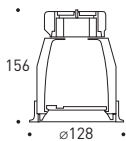
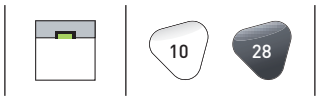
QUADRIPLUS	 $\varnothing 195$	details	IOS		reference	finish reference
 		system with interchangeable and independent optics shield finish 00 clear	J	21°	0.35160.00	00
			V	25°	0.35161.00	
			W	34°	0.35162.00	
			X	45°	0.35163.00	
			Y	71°	0.35164.00	
		emergency pack for LED luminaires including Ni/Cd battery with 1h back-up sizes in mm L.160 x P.55 x H.90			0.35081.00	00
		integral satin shield to position on the optics structure to soften the light beam			0.35067.00	00
		hole cutter for cut-outs $\varnothing 195$ mm			0.11345.00	00
		hole cutter handle <i>the handle fits all hole cutters which are available in a range of diameters</i>			0.10099.00	00
		extension lead for LED luminaires three-metre, two-core cable complete with quick-fit plug and socket			0.35100.00	00
		spotlight support for luminaires with cut-out of $\varnothing 195$ mm			0.10003.00	10
possible configuration					0.35160.00	00



SUPERAXEL

fixed recessed luminaire

Fixed recessed luminaire with control gear technology for compact fluorescent lamps, halogen lamps and metal halide lamps



1x13W				
FLU		TC-TE (GX24q-1) HF control gear	beam width	finish reference
			▲	
Ø.11544.00			56°	<u>10</u>
				<u>28</u>

1x60W				
HALO		QT-14 (G9) mains voltage	beam width	finish reference
			▲	
Ø.11848.00			54°	<u>10</u>
				<u>28</u>

50 W / 12 V				
HALO		QT-12 (GY6.35)	beam width	finish reference
			▲	
Ø.11858.00			54°	<u>10</u>
				<u>28</u>

1x35W				
HALO		CDM-TC (G8.5) HF control gear	beam width	finish reference
			▲	
Ø.11481.00			82°	<u>10</u>
				<u>28</u>

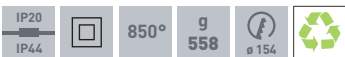
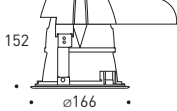
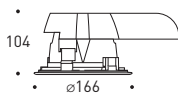
1x70W				
HALO		CDM-TC (G8.5) HF control gear	beam width	finish reference
			▲	
Ø.11483.00			82°	<u>10</u>
				<u>28</u>

1x20W				
HALO		CDM-T (G12) HF control gear	beam width	finish reference
			▲	
Ø.11475.00			82°	<u>10</u>
				<u>28</u>

1x35W				
HALO		CDM-T (G12) HF control gear	beam width	finish reference
			▲	
Ø.11411.00			82°	<u>10</u>
				<u>28</u>

1x70W				
HALO		CDM-T (G12) HF control gear	beam width	finish reference
			▲	
Ø.11413.00			82°	<u>10</u>
				<u>28</u>
possible configuration				Ø.11544.00 <u>10</u>

Fixed recessed COMPACT and COMFORT luminaire with control gear technology for compact fluorescent lamps

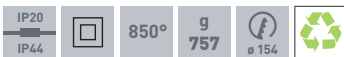


COMPACT

1x13W	FLU	TC-DE (G24q-1) HF control gear	beam width	finish reference
			▲	
		Ø.17100.00	100°	[10]
		HF control gear with emergency pack		[28]
		Ø.17101.00	100°	

1x18W	FLU	TC-DE (G24q-2) HF control gear	beam width	finish reference
			▲	
		Ø.17105.00	100°	[10]
		HF control gear with emergency pack		[28]
		Ø.17106.00	100°	

1x26W	FLU	TC-DE (G24q-3) HF control gear	beam width	finish reference
			▲	
		Ø.17110.00	100°	[10]
		HF control gear with emergency pack		[28]
		Ø.17111.00	100°	
		possible configuration	Ø.17100.00 [10]	



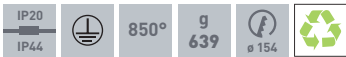
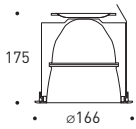
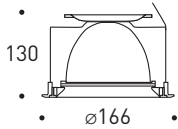
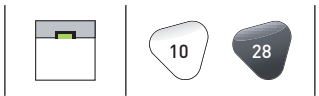
COMFORT

1x13W	FLU	TC-DE (G24q-1) HF control gear	beam width	finish reference
			▲	
		Ø.17160.00	92°	[10]
		HF control gear with emergency pack		[28]
		Ø.17161.00	92°	

1x18W	FLU	TC-DE (G24q-2) HF control gear	beam width	finish reference
			▲	
		Ø.17165.00	92°	[10]
		HF control gear with emergency pack		[28]
		Ø.17166.00	92°	

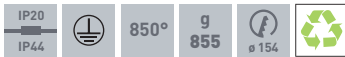
1x26W	FLU	TC-DE (G24q-3) HF control gear	beam width	finish reference
			▲	
		Ø.17170.00	92°	[10]
		HF control gear with emergency pack		[28]
		Ø.17171.00	92°	
		possible configuration	Ø.17160.00 [10]	

Fixed recessed COMPACT and COMFORT luminaire for halogen lamps



COMPACT

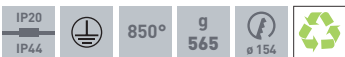
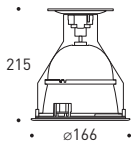
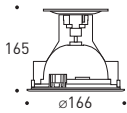
1x120W			
HALO		QT-DE (RX7s) mains voltage	beam width
			finish reference
			80°
			10
			28
1x35W			
MH		HIT-DE (RX7s) HF control gear	beam width
			finish reference
			80°
			10
			28
1x70W			
MH		HIT-DE (RX7s) HF control gear	beam width
			finish reference
			80
			10
			28
possible configuration			10



COMFORT

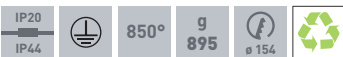
1x120W			
HALO		QT-DE (RX7s) mains voltage	beam width
			finish reference
			54°
			10
			28
1x35W			
MH		HIT-DE (RX7s) HF control gear	beam width
			finish reference
			54°
			10
			28
1x70W			
MH		HIT-DE (RX7s) HF control gear	beam width
			finish reference
			54°
			10
			28
possible configuration			10

Fixed recessed COMPACT and COMFORT luminaire with control gear technology for metal halide lamps



COMPACT

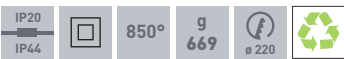
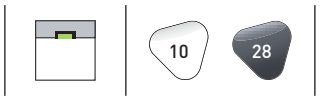
1x20W				
MH		CDM-T (G12) HF control gear	beam width	finish reference
			▲	
Ø.17120.00			52°	[10]
				[28]
1x35W				
MH		CDM-T (G12) HF control gear	beam width	finish reference
			▲	
Ø.17125.00			52°	[10]
				[28]
1x70W				
MH		CDM-T (G12) HF control gear	beam width	finish reference
			▲	
Ø.17130.00			52°	[10]
				[28]
1x150W				
MH		CDM-T (G12) HF control gear	beam width	finish reference
			▲	
Ø.17135.00			52°	[10]
				[28]
possible configuration			Ø.17120.00 [10]	



COMFORT

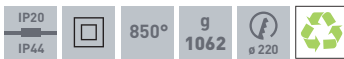
1x20W				
MH		CDM-T (G12) HF control gear	beam width	finish reference
			▲	
Ø.17180.00			68°	[10] [28]
1x35W				
MH		CDM-T (G12) HF control gear	beam width	finish reference
			▲	
Ø.17185.00			68°	[10] [28]
1x70W				
MH		CDM-T (G12) HF control gear	beam width	finish reference
			▲	
Ø.17190.00			68°	[10] [28]
1x150W				
MH		CDM-T (G12) HF control gear	beam width	finish reference
			▲	
Ø.17195.00			68°	[10] [28]
possible configuration			Ø.17180.00[10]	

Fixed recessed COMPACT and COMFORT luminaire with control gear technology for compact fluorescent lamps



COMPACT				
1x18W	FLU	TC-DE [G24q-2] HF control gear	beam width	finish reference
			▲	
		Ø.17220.000	102°	[10]
		HF control gear with emergency pack		[28]
		Ø.17221.000	102°	

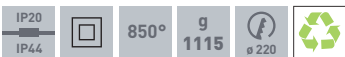
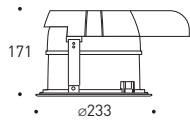
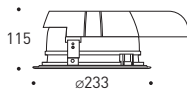
1x26W				
FLU	TC-DE [G24q-3] HF control gear	beam width	finish reference	
		▲		
		Ø.17225.000	102°	[10]
		HF control gear with emergency pack		[28]
		Ø.17226.000	102°	
		possible configuration	Ø.17220.000	[10]



COMFORT				
1x18W	FLU	TC-DE [G24q-2] HF control gear	beam width	finish reference
			▲	
		Ø.17310.000	100°	[10]
		HF control gear with emergency pack		[28]
		Ø.17311.000	100°	

1x26W				
FLU	TC-DE [G24q-3] HF control gear	beam width	finish reference	
		▲		
		Ø.17315.000	100°	[10]
		HF control gear with emergency pack		[28]
		Ø.17316.000	100°	
		possible configuration	Ø.17310.000	[10]

Fixed recessed COMPACT and COMFORT luminaire with control gear technology for compact fluorescent lamps

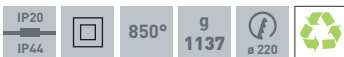


COMPACT

2x13W	FLU	TC-DE (G24q-1) HF control gear	beam width	finish reference
			▲	
		Ø.17240.00	108°	[10]
		HF control gear with emergency pack		[28]
		Ø.17241.00	108°	

2x18W	FLU	TC-DE (G24q-2) HF control gear	beam width	finish reference
			▲	
		Ø.17245.00	108°	[10]
		HF control gear with emergency pack		[28]
		Ø.17246.00	108°	

2x26W	FLU	TC-DE (G24q-3) HF control gear	beam width	finish reference
			▲	
		Ø.17250.00	108°	[10]
		HF control gear with emergency pack		[28]
		Ø.17251.00	108°	
		possible configuration	Ø.17240.00 [10]	



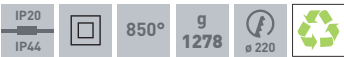
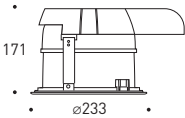
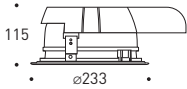
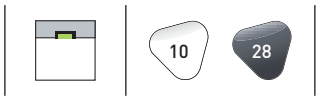
COMFORT

2x13W	FLU	TC-DE (G24q-1) HF control gear	beam width	finish reference
			▲	
		Ø.17330.00	108°	[10]
		HF control gear with emergency pack		[28]
		Ø.17331.00	108°	

2x18W	FLU	TC-DE (G24q-2) HF control gear	beam width	finish reference
			▲	
		Ø.17335.00	108°	[10]
		HF control gear with emergency pack		[28]
		Ø.17336.00	108°	

2x26W	FLU	TC-DE (G24q-3) HF control gear	beam width	finish reference
			▲	
		Ø.17340.00	108°	[10]
		HF control gear with emergency pack		[28]
		Ø.17341.00	108°	
		possible configuration	Ø.17330.00 [10]	

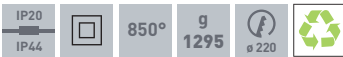
Fixed recessed COMPACT and COMFORT luminaire with control gear technology for compact fluorescent lamps



COMPACT

1x32W				
FLU		TC-TE (GX24q-3) HF control gear	beam width	finish reference
			▲	
Ø.17230.00			102°	[10]
HF control gear with emergency pack				[28]
Ø.17231.00			102°	

1x42W				
FLU		TC-TE (GX24q-4) HF control gear	beam width	finish reference
			▲	
Ø.17235.00			102°	[10]
HF control gear with emergency pack				[28]
Ø.17236.00			102°	
possible configuration			Ø.17230.00 [10]	

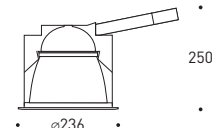
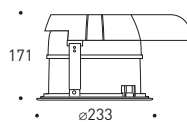
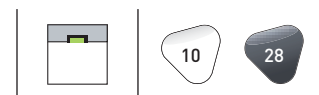


COMFORT

1x32W				
FLU		TC-TE (GX24q-3) HF control gear	beam width	finish reference
			▲	
Ø.17320.00			64°	[10]
HF control gear with emergency pack				[28]
Ø.17321.00			64°	

1x42W				
FLU		TC-TE (GX24q-4) HF control gear	beam width	finish reference
			▲	
Ø.17325.00			64°	[10]
HF control gear with emergency pack				[28]
Ø.17326.00			64°	
possible configuration			Ø.17320.00 [10]	

Fixed recessed COMPACT and COMFORT luminaire with control gear technology for compact fluorescent lamps



IP20
IP23

850°

g
1198

g 220

Recycling symbol

COMPACT

2x13W		compact		beam width		finish reference	
FLU		TC-DE (G24q-1) HF control gear		beam width		finish reference	
							
		0.17345.00		90°		10	
		HF control gear with emergency pack				28	
		0.17346.00		90°			

2x18W			
FLU		TC-DE [G24q-2] HF control gear	beam width finish reference
			▲
	Ø.17350.00		92° [10]
	HF control gear with emergency pack		[28]
	Ø.17351.00		92°
	possible configuration	Ø.17345.00[10]	

IP20 IP23		850°	g 1276	 g 220	

COMFORT

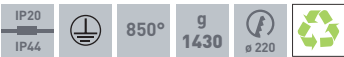
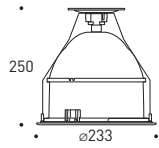
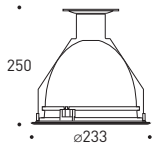
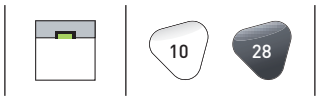
1x35W		HIT-DE (RX7s) HF control gear	beam width	finish reference
MH				
			▲	
		Ø.17415.00	60°	[10]
				[28]

1x70W				
MH		HIT-DE (RX7s) HF control gear	beam width	finish reference
				
		0.17420.00	60°	10
				28

1x150W				
MH		HIT-DE (RX7s) HF control gear	beam width	finish reference
				
			60°	<u>10</u>
				<u>28</u>

1x150W			
MH		HIT-DE (RX7s) HF control gear	beam width
			finish reference
			▲
		Ø.17426.EV	60°
			<u>10</u>
			<u>28</u>
		possible configuration	Ø.17415.00_10_1

Fixed recessed COMPACT and COMFORT luminaire with control gear technology for metal halide lamps



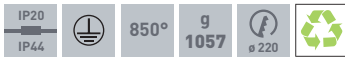
COMPACT

1x35W					
MH		HIT-DE (RX7s) HF control gear	beam width	finish reference	
			▲		
Ø.17260.00			62°	[10]	
				[28]	

1x70W					
MH		HIT-DE (RX7s) HF control gear	beam width	finish reference	
			▲		
Ø.17265.00			62°	[10]	
				[28]	

1x150W					
MH		HIT-DE (RX7s) HF control gear	beam width	finish reference	
			▲		
Ø.17270.00			60°	[10]	
				[28]	

1x150W				
MH		HIT-DE (RX7s) HF control gear	beam width	finish reference
				
Ø.17271.EV			60°	[10]
				[28]
possible configuration			Ø.17260.00 [10]	



COMFORT

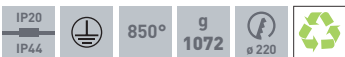
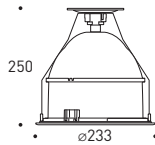
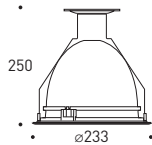
1x35W					
MH		HIT-DE (RX7s) HF control gear	beam width	finish reference	
			▲		
Ø.17360.00			42°	[10]	
				[28]	

1x70W					
MH		HIT-DE (RX7s) HF control gear	beam width	finish reference	
			▲		
Ø.17365.00			42°	[10]	
				[28]	

1x150W					
MH		HIT-DE (RX7s) HF control gear	beam width	finish reference	
			▲		
Ø.17370.00			46°	[10]	
				[28]	

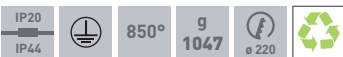
1x150W				
MH		HIT-DE (RX7s) HF control gear	beam width	finish reference
			▲	
Ø.17371.EV			46°	[10]
				[28]
possible configuration			Ø.17360.00 [10]	

Fixed recessed COMPACT and COMFORT luminaire with control gear technology for metal halide lamps



COMPACT

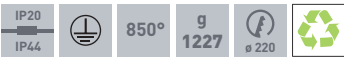
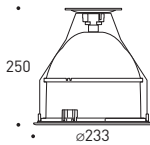
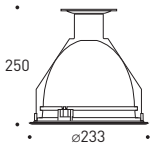
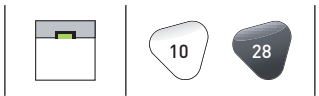
1x20W				
MH		CDM-T (G12) HF control gear	beam width	finish reference
			▲	
Ø.17280.00			10°	[10] [28]
1x35W				
MH		CDM-T (G12) HF control gear	beam width	finish reference
			▲	
Ø.17285.00			10°	[10] [28]
1x70W				
MH		CDM-T (G12) HF control gear	beam width	finish reference
			▲	
Ø.17290.00			12°	[10] [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.17295.00			14°	[10] [28]
possible configuration			Ø.17280.00 [10]	



COMFORT

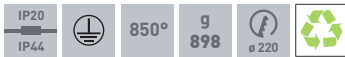
1x20W				
MH		CDM-T (G12) HF control gear	beam width	finish reference
			▲	
Ø.17380.00			10°	10 28
1x35W				
MH		CDM-T (G12) HF control gear	beam width	finish reference
			▲	
Ø.17385.00			10°	10 28
1x70W				
MH		CDM-T (G12) HF control gear	beam width	finish reference
			▲	
Ø.17390.00			14°	10 28
1x150W				
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.17395.00			12°	10 28
possible configuration			Ø.17380.0010	

Fixed recessed COMPACT and COMFORT luminaire with control gear technology for halogen lamps and metal halide lamps



COMPACT

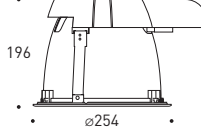
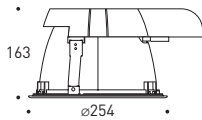
1x230W				
HALO		QT-DE (R7s) mains voltage	beam width	finish reference
			▲	
		Ø.17300.00	88°	[10] [28]
possible configuration			Ø.17300.00 [10]	



COMFORT

1x230W				
HALO		QT-DE (R7s) mains voltage	beam width	finish reference
			▲	
		Ø.17400.00	74°	[10] [28]
possible configuration			Ø.17400.00 [10]	

Fixed recessed COMPACT and COMFORT luminaire with control gear technology for compact fluorescent lamps

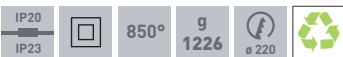


COMPACT

2x18W				
FLU		TC-DE (G24q-2) HF control gear	beam width	finish reference
			▲	
		Ø.17435.00	94°	[10]
		HF control gear with emergency pack		[28]
		Ø.17436.00	94°	

2x26W				
FLU		TC-DE (G24q-3) HF control gear	beam width	finish reference
			▲	
		Ø.17440.00	94°	[10]
		HF control gear with emergency pack		[28]
		Ø.17441.00	94°	

2x32W				
FLU		TC-TE (GX24q-3) HF control gear	beam width	finish reference
			▲	
		Ø.17445.00	104°	[10]
		HF control gear with emergency pack		[28]
		Ø.17446.00	104°	
		possible configuration	Ø.17435.00 [10]	



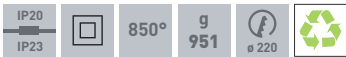
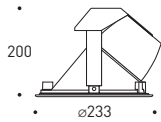
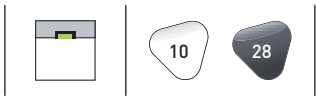
COMFORT

2x18W				
FLU		TC-DE (G24q-2) HF control gear	beam width	finish reference
			▲	
		Ø.17450.00	108°	[10]
		HF control gear with emergency pack		[28]
		Ø.17451.00	108°	

2x26W				
FLU		TC-DE (G24q-3) HF control gear	beam width	finish reference
			▲	
		Ø.17455.00	94°	[10]
		HF control gear with emergency pack		[28]
		Ø.17456.00	94°	

2x32W				
FLU		TC-TE (GX24q-3) HF control gear	beam width	finish reference
			▲	
		Ø.17460.00	102°	[10]
		HF control gear with emergency pack		[28]
		Ø.17461.00	102°	
		possible configuration	Ø.17450.00 [10]	

Fixed recessed luminaire with Wall Washer optics and control gear technology for compact fluorescent lamps and metal halide lamps



2x13W				
FLU		TC-DE (G24q-1) HF control gear	beam width	finish reference
			▲	
		Ø.17470.00	Wall Washer	[10]
		HF control gear with emergency pack		[28]
		Ø.17471.00	Wall Washer	

2x18W				
FLU		TC-DE (G24q-2) HF control gear	beam width	finish reference
			▲	
		Ø.17475.00	Wall Washer	[10]
		HF control gear with emergency pack		[28]
		Ø.17476.00	Wall Washer	

1x35W			
MH		HIT-DE (RX7s) HF control gear	beam width
			▲
		Ø.17485.00	Wall Washer
			[10]
			[28]

1x70W			
MH		HIT-DE (RX7s) HF control gear	beam width
			▲
		Ø.17490.00	Wall Washer
			[10]
			[28]

1x150W			
MH		HIT-DE (RX7s) HF control gear	beam width
			▲
		Ø.17496.EV	Wall Washer
			[10]
			[28]

1x150W			
MH		HIT-DE (RX7s) HF control gear	beam width
			▲
		Ø.17495.00	Wall Washer
			[10]
			[28]
		possible configuration	Ø.17470.00 [10]



Guangzhou Baiyun International Airport

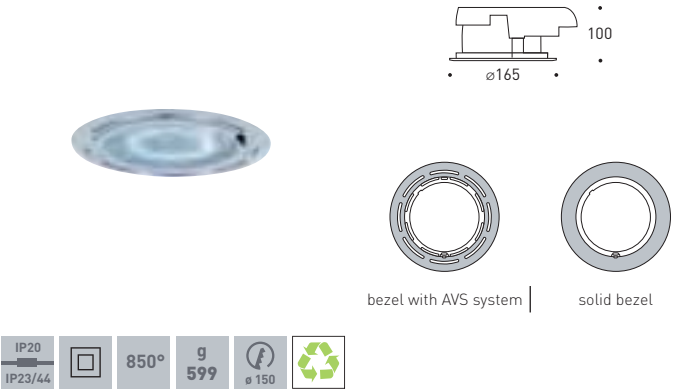


SUPERTECHNE

fixed recessed luminaire

design by: **Fabio Reggiani**

Fixed recessed COMPACT luminaire with control gear technology for compact fluorescent lamps



LUMINAIRES WITH POLYCARBONATE REFLECTOR				
1x13W	FLU	TC-DE (G24q-1) HF control gear	beam width	finish reference
	bezel with AVS system	solid bezel	▲	
	0.06601.00	0.06755.00	110°	10
				21
				28

1x18W	FLU	TC-DE (G24q-2) HF control gear	beam width	finish reference
	bezel with AVS system	solid bezel	▲	
	0.06605.00	0.06503.00	110°	10
	HF control gear with emergency pack			21
	0.06670.00	0.06504.00	110°	28

1x26W	FLU	TC-DE (G24q-3) HF control gear	beam width	finish reference
	bezel with AVS system	solid bezel	▲	
	0.06606.00	0.06579.00	118°	10
	HF control gear with emergency pack			21
	0.06672.00	0.06569.00	118°	28
	possible configuration		0.06601.00	10

LUMINAIRES WITH ALUMINIUM REFLECTOR				
1x13W	FLU	TC-DE (G24q-1) HF control gear	beam width	finish reference
	bezel with AVS system	solid bezel	▲	
	0.16601.00	0.16401.00	110°	10
				21
				28

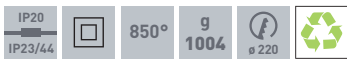
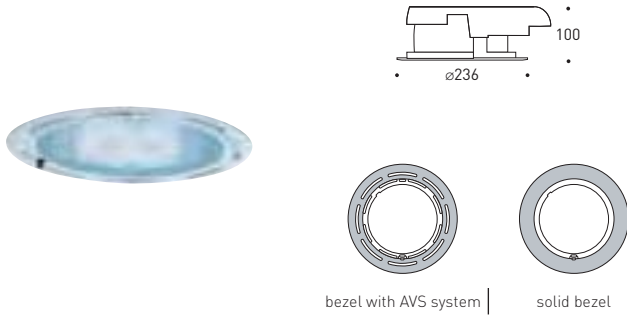
1x18W	FLU	TC-DE (G24q-2) HF control gear	beam width	finish reference
	bezel with AVS system	solid bezel	▲	
	0.16605.00	0.16405.00	110°	10
				21
				28

1x26W	FLU	TC-DE (G24q-3) HF control gear	beam width	finish reference
	bezel with AVS system	solid bezel	▲	
	0.16606.00	0.16579.00	118°	10
				21
				28
	possible configuration		0.16601.00	10



Accessories (pg. 331).

Fixed recessed COMFORT luminaire with control gear technology for compact fluorescent lamps



LUMINAIRES WITH POLYCARBONATE REFLECTOR

1x18W	FLU	TC-DE (G24q-2) HF control gear	beam width	finish reference
		bezel with AVS system	solid bezel	
		0.06611.00	0.06407.00	112°
				10
				21
				28
1x26W	FLU	TC-DE (G24q-3) HF control gear	beam width	finish reference
		bezel with AVS system	solid bezel	
		0.06612.00	0.06408.00	118°
				10
				21
				28
1x32W	FLU	TC-TE (GX24q-3) HF control gear	beam width	finish reference
		bezel with AVS system	solid bezel	
		0.06608.00	0.06417.00	92°
				10
				21
				28
1x42W	FLU	TC-TE (GX24q-4) HF control gear	beam width	finish reference
		bezel with AVS system	solid bezel	
		0.06609.00	0.06425.00	104°
				10
				21
				28
		possible configuration	0.06611.00	10

LUMINAIRES WITH ALUMINIUM REFLECTOR

1x13W	FLU	TC-DE (G24q-1) HF control gear	beam width	finish reference
		bezel with AVS system	solid bezel	
		0.16610.00	0.16410.00	108°
				10
				21
				28
1x18W	FLU	TC-DE (G24q-2) HF control gear	beam width	finish reference
		bezel with AVS system	solid bezel	
		0.16611.00	0.16411.00	112°
				10
				21
				28
1x26W	FLU	TC-DE (G24q-3) HF control gear	beam width	finish reference
		bezel with AVS system	solid bezel	
		0.16612.00	0.16412.00	118°
				10
				21
				28
1x32W	FLU	TC-TE (GX24q-3) HF control gear	beam width	finish reference
		bezel with AVS system	solid bezel	
		0.16608.00	0.16408.00	92°
				10
				21
				28
1x42W	FLU	TC-TE (GX24q-4) HF control gear	beam width	finish reference
		bezel with AVS system	solid bezel	
		0.16609.00	0.16409.00	104°
				10
				21
				28
		possible configuration	0.16610.00	10

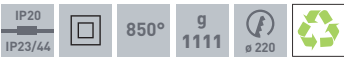
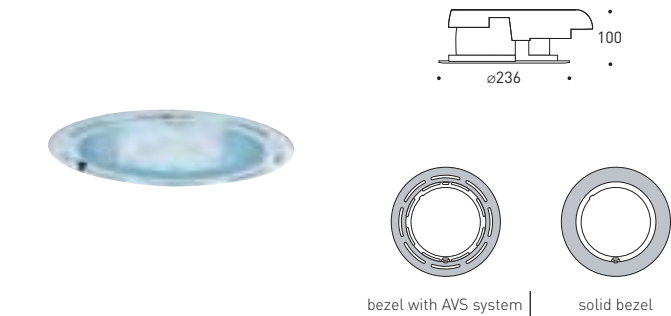


Accessories (pg. 331).

Fixed recessed COMFORT luminaire with control gear technology for compact fluorescent lamps



Special finishes
.01 chrome .02 satin matt chrome .05 gold plated
contact manufacturer for more details



LUMINAIRES WITH POLYCARBONATE REFLECTOR

2x13W		TC-DE [G24q-1] HF control gear		beam width	finish reference
FLU		bezel with AVS system	solid bezel	▲	
		0.06614.00	0.06404.00	98°	10
					21
					28

2x18W		TC-DE [G24q-2] HF control gear		beam width	finish reference
FLU		bezel with AVS system	solid bezel	▲	
		0.06615.00	0.06551.00	98°	10
		HF control gear with emergency pack			21
		0.06650.00	0.06552.00	98°	28

2x26W		TC-DE [G24q-3] HF control gear		beam width	finish reference
FLU		bezel with AVS system	solid bezel	▲	
		0.06616.00	0.06566.00	100°	10
		HF control gear with emergency pack			21
		0.06654.00	0.06599.00	100°	28
		possible configuration		0.06614.00	10

LUMINAIRES WITH ALUMINIUM REFLECTOR

2x13W		TC-DE [G24q-1] HF control gear		beam width	finish reference
FLU		bezel with AVS system	solid bezel	▲	
		0.16614.00	0.16414.00	98°	10
					21
					28

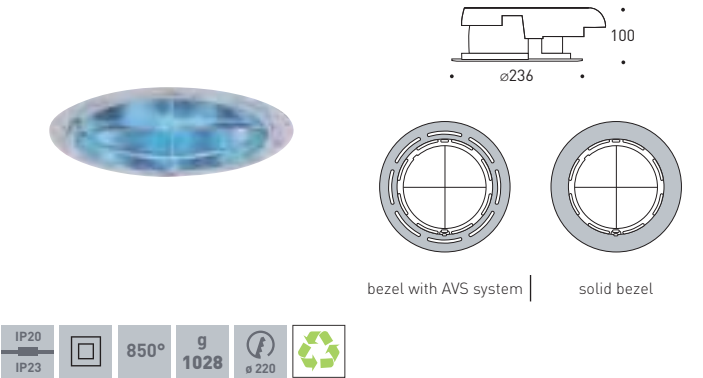
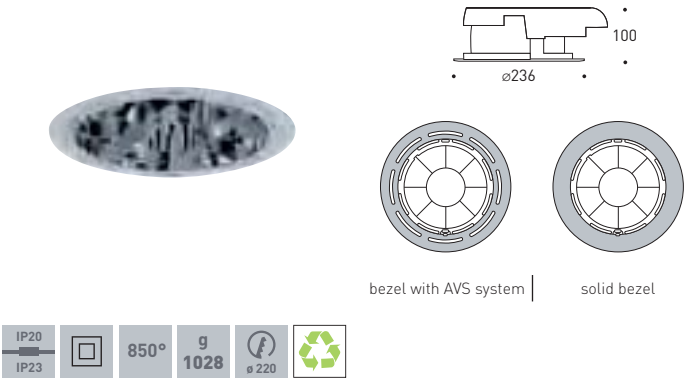
2x18W		TC-DE [G24q-2] HF control gear		beam width	finish reference
FLU		bezel with AVS system	solid bezel	▲	
		0.16615.00	0.16415.00	98°	10
					21
					28

2x26W		TC-DE [G24q-3] HF control gear		beam width	finish reference
FLU		bezel with AVS system	solid bezel	▲	
		0.16616.00	0.16566.00	100°	10
					21
					28
		possible configuration		0.16614.00	10



Accessories (pg. 331).

Fixed recessed luminaire with anti-glare turbo louvre and control gear technology for compact fluorescent lamps



ANTI-GLARE TURBO LOUVRE				
2x18W	FLU	TC-DE [G24q-2] HF control gear	beam width	finish reference
	bezel with AVS system	solid bezel	▲	
	0.06675.00	0.06655.00	94°	10
				21
				28

ANTI-GLARE CROSS-BLADE LOUVRE				
2x18W	FLU	TC-DE [G24q-2] HF control gear	beam width	finish reference
	bezel with AVS system	solid bezel	▲	
	0.06667.00	0.06563.00	94°	10
				21
				28

2x26W	FLU	TC-DE [G24q-3] HF control gear	beam width	finish reference
	bezel with AVS system	solid bezel	▲	
	0.06679.00	0.06640.00	92°	10
				21
				28
possible configuration		0.06675.0010		

2x26W	FLU	TC-DE [G24q-3] HF control gear	beam width	finish reference
	bezel with AVS system	solid bezel	▲	
	0.06668.00	0.06725.00	92°	10
				21
				28
possible configuration		0.06667.0010		



Accessories (pg. 331).

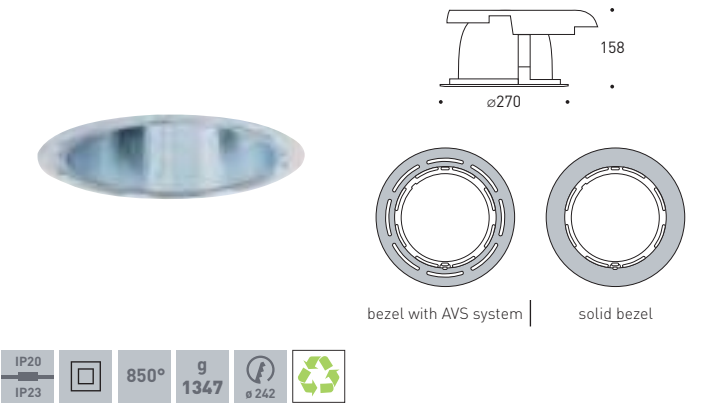
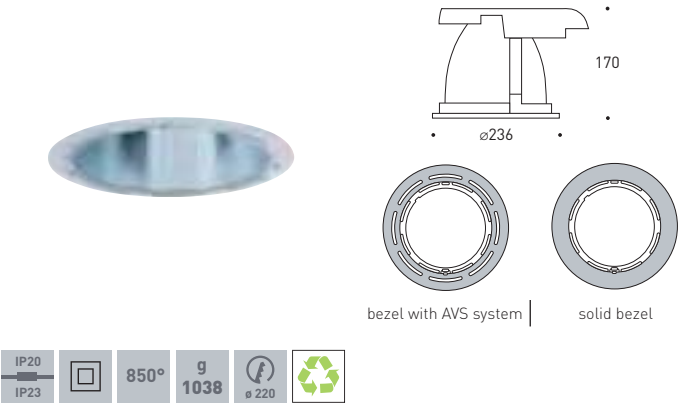


Accessories (pg. 331).

Fixed recessed DARK LIGHT/COMFORT luminaire with control gear technology for compact fluorescent lamps



Special finishes
.01 chrome .02 satin matt chrome .05 gold plated
contact manufacturer for more details



2x13W DARK LIGHT				
FLU		TC-DE [G24q-1] HF control gear	beam width	finish reference
	bezel with AVS system	solid bezel	▲	
	0.06622.00	0.06436.00	90°	10
	HF control gear with emergency pack			21
	0.06648.00	0.06439.00	90°	28

2x18W DARK LIGHT				
FLU		TC-DE [G24q-2] HF control gear	beam width	finish reference
	bezel with AVS system	solid bezel	▲	
	0.06637.00	0.06786.00	94°	10
	HF control gear with emergency pack			21
	0.06653.00	0.06787.00	94°	28

2x18W				
FLU		TC-DE [G24q-2] HF control gear	beam width	finish reference
	bezel with AVS system	solid bezel	▲	
	0.06624.00	0.06450.00	92°	10
	HF control gear with emergency pack			21
	0.06649.00	0.06451.00	92°	28
	possible configuration		0.06622.00	10

2x26W				
FLU		TC-DE [G24q-3] HF control gear	beam width	finish reference
	bezel with AVS system	solid bezel	▲	
	0.06638.00	0.06789.00	94°	10
	HF control gear with emergency pack			21
	0.06657.00	0.06790.00	94°	28
	possible configuration		0.06637.00	10

COMFORT				
FLU		TC-TE [GX24q-3] HF control gear	beam width	finish reference
	bezel with AVS system	solid bezel	▲	
	0.06642.00	0.06452.00	106°	10
	HF control gear with emergency pack			21
	0.06699.00	0.06453.00	106°	28
	possible configuration		0.06642.00	10

COMFORT				
FLU		TC-TE [GX24q-3] HF control gear	beam width	finish reference
	bezel with AVS system	solid bezel	▲	
	0.06642.00	0.06452.00	106°	10
	HF control gear with emergency pack			21
	0.06699.00	0.06453.00	106°	28
	possible configuration		0.06642.00	10



Accessories (pg. 331).

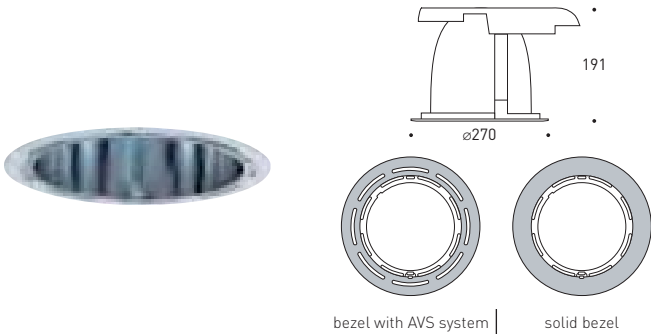


Accessories (pg. 331).

Fixed recessed DARK LIGHT/COMFORT luminaire with control gear technology for compact fluorescent lamps



Special finishes
.01 chrome .02 satin matt chrome .05 gold plated
contact manufacturer for more details



DARK LIGHT

2x18W					
FLU		TC-DE (G24q-2) HF control gear	beam width	finish reference	
		bezel with AVS system	solid bezel	▲	
		Ø.06632.00	Ø.06455.00	94°	10
		HF control gear with emergency pack			21
		Ø.06652.00	Ø.06456.00	94°	28

2x26W					
FLU		TC-DE (G24q-3) HF control gear	beam width	finish reference	
		bezel with AVS system	solid bezel	▲	
		Ø.06633.00	Ø.06594.00	94°	10
		HF control gear with emergency pack			21
		Ø.06656.00	Ø.06568.00	94°	28
		possible configuration		Ø.06632.0010	

COMFORT

2x32W					
FLU		TC-TE (GX24q-3) HF control gear	beam width	finish reference	
		bezel with AVS system	solid bezel	▲	
		Ø.06641.00	Ø.06457.00	102°	10
		HF control gear with emergency pack			21
		Ø.06643.00	Ø.06458.00	102°	28
		possible configuration		Ø.06641.0010	

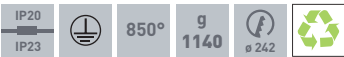
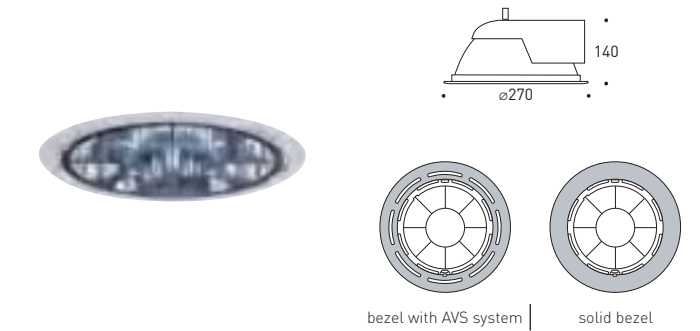


Accessories (pg. 331).

Fixed recessed COMPACT luminaire with control gear technology for compact fluorescent lamps



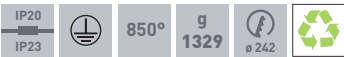
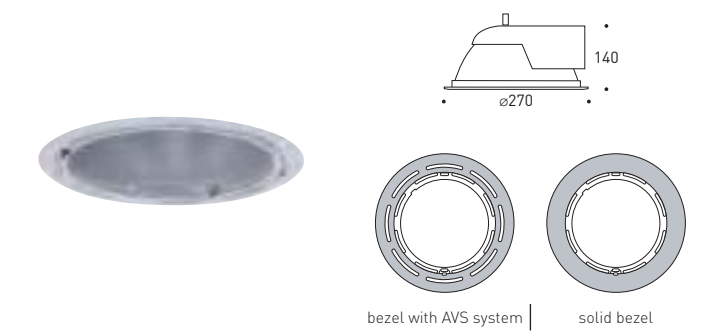
Special finishes
.01 chrome .02 satin matt chrome .05 gold plated
contact manufacturer for more details



ANTI-GLARE TURBO LOUVRE

2x32W				
FLU		TC-TE [GX24q-3] HF control gear	beam width	finish reference
bezel with AVS system		solid bezel		
0.06604.00		0.06466.00	82°	[10]
HF control gear with emergency pack				[21]
0.06671.00		0.06467.00	82°	[28]

2x42W				
FLU		TC-TE (GX24q-3) HF control gear	beam width	finish reference
bezel with AVS system		solid bezel		
Ø.06623.00		Ø.06468.00	94°	[10]
HF control gear with emergency pack				[21]
Ø.06673.00		Ø.06469.00	94°	[28]
possible configuration			Ø.06604.00 [10]	



COMPACT

2x32W				
FLU		TC-TE (GX24q-3) HF control gear	beam width	finish reference
bezel with AVS system		solid bezel		
0.06602.00		0.06459.00	62°	[10]
HF control gear with emergency pack				[21]
0.06666.00		0.06462.00	62°	[28]

2x42W				
FLU		TC-TE (GX24q-3) HF control gear	beam width	finish reference
bezel with AVS system		solid bezel		
0.06603.00		0.06463.00	61°	[10]
HF control gear with emergency pack				[21]
0.06669.00		0.06494.00	61°	[28]
possible configuration			0.06602.00 [10]	



Accessories (pg. 331).

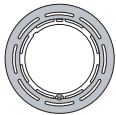
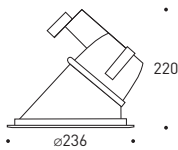
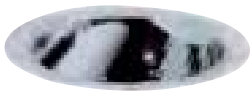


Accessories (pg. 331).

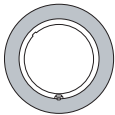
Fixed recessed luminaire with WALL WASHER optics and control gear technology for compact fluorescent lamps



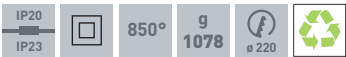
Special finishes
.01 chrome .02 satin matt chrome .05 gold plated
contact manufacturer for more details



bezel with AVS system



solid bezel



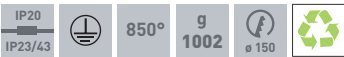
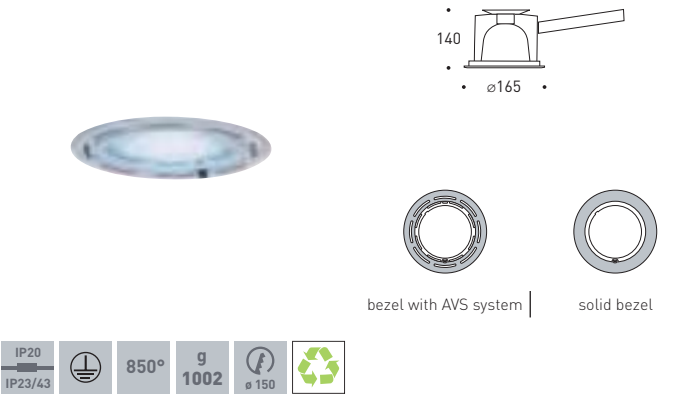
2x18W

FLU		TC-DE (G24q-2) HF control gear	beam width	finish reference
	bezel with AVS system	solid bezel	▲	
	Ø.06665.00	Ø.06559.00	Wall Washer	10
				21
				28
possible configuration			Ø.06665.0010	



Accessories (pg. 331).

Fixed recessed luminaire with control gear technology for metal halide lamps



1x20W				
MH	CDM-T (G12) HF control gear	beam width	finish reference	
bezel with AVS system	solid bezel	▲		
0.06845.00	0.06847.00	58°	10	
			21	
			28	

1x35W				
MH	CDM-T (G12) HF control gear	beam width	finish reference	
bezel with AVS system	solid bezel	▲		
0.06740.00	0.06736.00	58°	10	
			21	
			28	

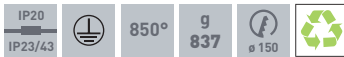
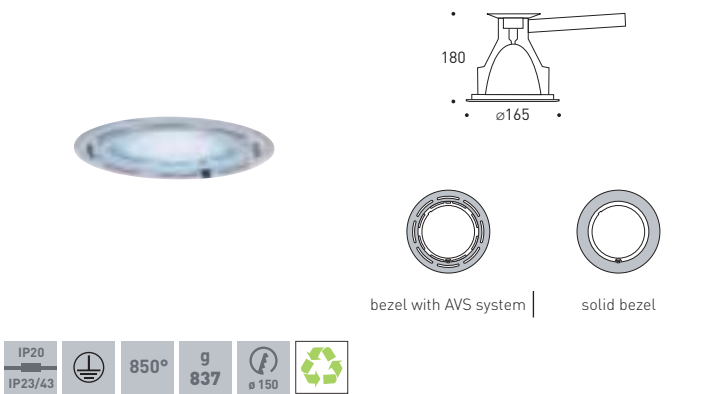
1x70W				
MH	CDM-T (G12) HF control gear	beam width	finish reference	
bezel with AVS system	solid bezel	▲		
0.06741.00	0.06728.00	66°	10	
			21	
			28	

1x150W				
MH	CDM-T (G12) HPF control gear	beam width	finish reference	
bezel with AVS system	solid bezel	▲		
0.06742.EV	0.06729.EV	68°	10	
			21	
			28	

1x70W				
MH		HIT-DE (RX7s) HF control gear	beam width	finish reference
bezel with AVS system		solid bezel		
0.06743.00		0.06739.00	62°	10
				21
				28
possible configuration			0.06845.00 10	



Accessories (pg. 331).



1x20W				
MH	CDM-T (G12) HF control gear	beam width	finish reference	
bezel with AVS system	solid bezel	▲		
0.06846.00	0.06848.00	42°	10	
			21	
			28	

1x35W				
MH	CDM-T (G12) HF control gear	beam width	finish reference	
bezel with AVS system	solid bezel	▲		
0.06745.00	0.06737.00	42°	10	
			21	
			28	

1x70W				
MH	CDM-T (G12) HF control gear	beam width	finish reference	
bezel with AVS system	solid bezel	▲		
0.06746.00	0.06744.00	44°	10	
			21	
			28	

1x150W				
MH		CDM-T (G12) HPF control gear	beam width	finish reference
bezel with AVS system		solid bezel	▲	
Ø.06747.EV		Ø.06748.EV	54°	<u>10</u>
				<u>21</u>
				<u>28</u>
possible configuration			Ø.06846.00 <u>10</u>	

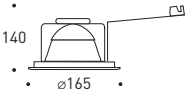


Accessories (pg. 331).

Fixed recessed luminaire with control gear technology for halogen lamps



Special finishes
.01 chrome .02 satin matt chrome .05 gold plated
contact manufacturer for more details



bezel with AVS system | solid bezel



1x100W / 12 V				
HALO		QT-12 (GY6.35)	beam width	finish reference
	bezel with AVS system	solid bezel	▲	
	0.06300.00	0.06335.00	38°	[10]
1x150W / 24 V				
	0.06300.00	0.06335.00	38°	[21]
				[28]

1x150W				
HALO		QT-DE (R7s) mains voltage	beam width	finish reference
	bezel with AVS system	solid bezel	▲	
	0.06301.00	0.06336.00	70°	[10]
				[21]
				[28]
possible configuration			0.06300.00 [10]	



bezel with AVS system | solid bezel



1x150W H/mm 160				
HALO		QT-32 (E27) mains voltage	beam width	finish reference
	bezel with AVS system	solid bezel	▲	
	0.06306.00	0.06337.00	64°	[10]
1x150W H/mm 200				
	0.06332.00	0.06338.00	88°	[21]
				[28]
possible configuration			0.06306.00 [10]	



Accessories (pg. 331).



Accessories (pg. 331).

Fixed recessed luminaire with control gear technology for metal halide lamps



Special finishes
.01 chrome .02 satin matt chrome .05 gold plated
contact manufacturer for more details



1x150W			
MH	HIT-DE (RX7s) HPF control gear	beam width	finish reference
bezel with AVS system	solid bezel	▲	
Ø.06770.EV	Ø.06774.EV	60°	[10] [21] [28]
possible configuration		Ø.06770.EV[10]	



1x20W			
MH	CDM-T (G12) HF control gear	beam width	finish reference
bezel with AVS system	solid bezel	▲	
Ø.06855.00	Ø.06858.00	44°	[10] [21] [28]

1x35W			
MH	CDM-T (G12) HF control gear	beam width	finish reference
bezel with AVS system	solid bezel	▲	
Ø.06749.00	Ø.06808.00	44°	[10] [21] [28]

1x150W			
MH	CDM-T (G12) HPF control gear	beam width	finish reference
bezel with AVS system	solid bezel	▲	
Ø.06751.EV	Ø.06818.EV	50°	[10] [21] [28]
possible configuration		Ø.06855.00[10]	

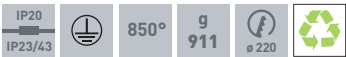


Accessories (pg. 331).

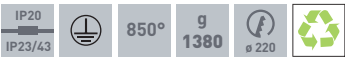
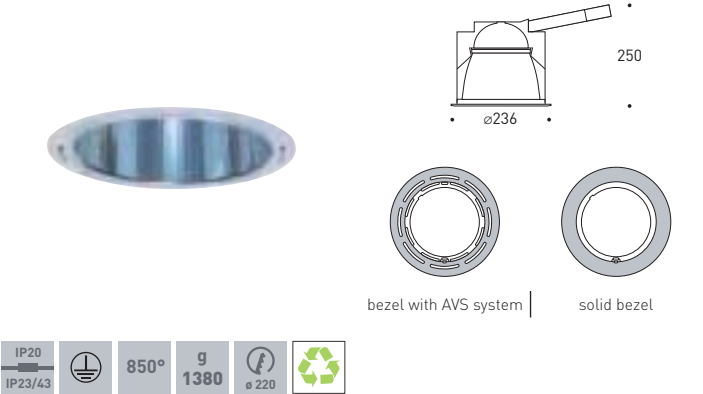


Accessories (pg. 331).

Fixed recessed luminaire with control gear technology for metal halide lamps and halogen lamps



1x230W				beam width	finish reference
HALO	1142	QT-DE (R7s) mains voltage			
		bezel with AVS system	solid bezel		
		0.06340.00	0.06347.00	74°	10
					21
					28
possible configuration				0.06340.00 10	



1x70W				beam width	finish reference
MH	1142	HIT-DE (RX7s) HF control gear			
		bezel with AVS system	solid bezel		
		0.06791.00	0.06793.00	60°	10
					21
					28

1x150W				beam width	finish reference
MH	1142	HIT-DE (RX7s) HPF control gear			
		bezel with AVS system	solid bezel		
		0.06782.EV	0.06733.EV	60°	10
					21
					28

1x150W				beam width	finish reference
MH	1142	HIT-DE (RX7s) HF control gear			
		bezel with AVS system	solid bezel		
		0.06792.00	0.06794.00	60°	10
					21
					28

1x230W				beam width	finish reference
HALO	1142	QT-DE (R7s) mains voltage			
		bezel with AVS system	solid bezel		
		0.06326.00	0.06356.00	62°	10
					21
					28
possible configuration				0.06846.00 10	

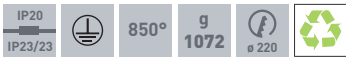
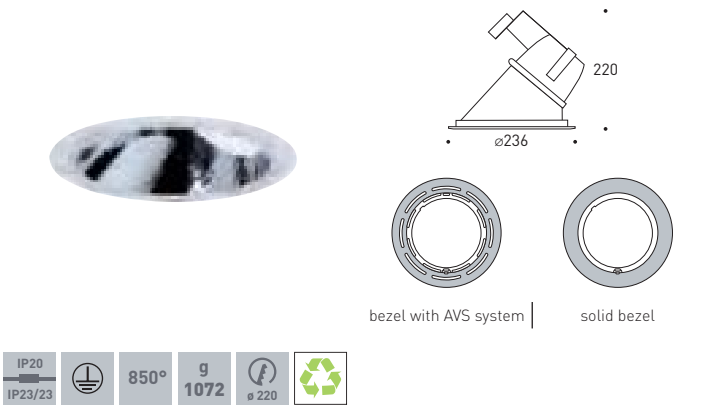


Accessories (pg. 331).

Fixed recessed luminaire with WALL WASHER optics and control gear technology for metal halide lamps



Special finishes
.01 chrome .02 satin matt chrome .05 gold plated
contact manufacturer for more details



1x20W				
MH		CDM-T (G12) HF control gear	beam width	finish reference
	bezel with AVS system	solid bezel		
	0.06856.00	0.06859.00	asymmetric	10
				21
				28

1x35W				
MH		CDM-T (G12) HF control gear	beam width	finish reference
	bezel with AVS system	solid bezel		
	0.06783.00	0.06824.00	asymmetric	10
				21
				28

1x70W				
MH		CDM-T (G12) HF control gear	beam width	finish reference
	bezel with AVS system	solid bezel		
	0.06784.00	0.06825.00	asymmetric	10
				21
				28

1x70W				
MH		HIT-DE (RX7s) HF control gear	beam width	finish reference
	bezel with AVS system	solid bezel		
	0.06756.00	0.06826.00	asymmetric	10
				21
				28

1x150W				
MH		HIT-DE (RX7s) HPF control gear	beam width	finish reference
	bezel with AVS system	solid bezel		
	0.06757.EV	0.06827.EV	asymmetric	10
				21
				28
possible configuration			0.06856.00	10



Accessories (pg. 331).

Accessories

SUPERTECHNE	 ø 150	details	reference	finish reference
		selective filters	0.06933.00	[64]
		shield finish	0.06933.00	[65]
		64 green	0.06933.00	[66]
		65 light blue	0.06933.00	[67]
		66 orange	0.06933.00	[67]
		67 pink		
		safety filters	0.06933.00	[79]
		shield finish	0.06933.00	[80]
		79 anti UV	0.06933.00	[81]
		80 clear		
		81 matt		
		image glass	0.06930.00	[72]
		glass finishes	0.06930.00	[73]
		72 matt centre	0.06930.00	[80]
		73 clear centre		
		80 clear		
		glass cylinder	0.06980.00	[81]
		glass finishes		
		81 matt		
		anti-glare louvre	0.06963.00	[21]
		container for concrete ceilings	0.03865.00	[00]
		sizes in mm Ø460 x h 151 mm		
possible configuration			0.12345.00	[10]

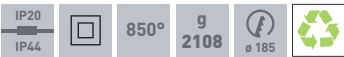
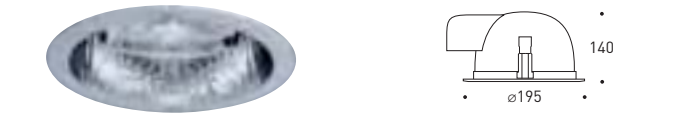
SUPERTECHNE		 ø 220	details	reference	finish reference
			selective filters	0.06934.00	[65]
			shield finish	0.06934.00	[66]
			65 light blue	0.06934.00	[67]
			66 orange		
			67 pink		
			safety filters	0.06934.00	[79]
			shield finish	0.06934.00	[80]
			79 anti UV	0.06934.00	[81]
			80 clear		
			81 matt		
			image glass	0.06931.00	[72]
			glass finishes	0.06931.00	[73]
			72 matt centre	0.06931.00	[80]
			73 clear centre		
			80 clear		
			anti-glare louvre	0.06964.00	[21]
			container for concrete ceilings	0.03866.00	[00]
			sizes in mm Ø460 x h 151 mm		
SUPERTECHNE		 ø 242	details	reference	finish reference
			image glass	0.06932.00	[72]
			glass finishes	0.06932.00	[73]
			72 matt centre	0.06932.00	[80]
			73 clear centre		
			80 clear		
possible configuration				0.12345.00	[10]



MIMO

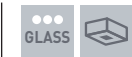
fixed recessed luminaire

Round, fixed recessed luminaire with remote driver for compact fluorescent lamps and control gear technology

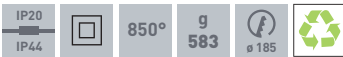
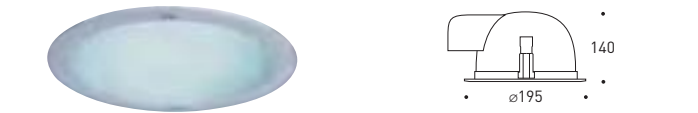


PRISMATIC SHIELD

1x18W	FLU	TC-DE (G24q-2) HF control gear	beam width	finish reference
			▲	
			0.07014.00	82° - 114° [10]
1x26W	FLU	TC-DE (G24q-3) HF control gear	beam width	finish reference
			▲	
			0.07018.00	84° - 114° [10]
2x13W	FLU	TC-DE (G24q-1) HF control gear	beam width	finish reference
			▲	
			0.07013.00	80° - 106° [10]
2x18W	FLU	TC-DE (G24q-2) HF control gear	beam width	finish reference
			▲	
			0.07015.00	82° - 104° [10]
		HF control gear with emergency pack		
			0.07047.00	82° - 88°
2x26W	FLU	TC-DE (G24q-2) HF control gear	beam width	finish reference
			▲	
			0.07016.00	84° - 110° [10]
		HF control gear with emergency pack		
			0.07048.00	76° - 88°
		possible configuration		0.07014.00 [10]



Accessories (pg. 338).



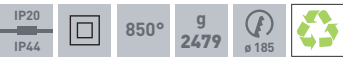
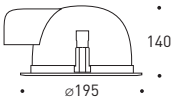
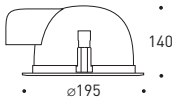
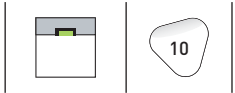
INTEGRAL SHIELD

1x18W	FLU	TC-DE (G24q-2) HF control gear	beam width	finish reference
			▲	
			0.04894.00	82° - 114° [10]
1x26W	FLU	TC-DE (G24q-3) HF control gear	beam width	finish reference
			▲	
			0.04898.00	84° - 114° [10]
2x13W	FLU	TC-DE (G24q-1) HF control gear	beam width	finish reference
			▲	
			0.04893.00	80° - 106° [10]
2x18W	FLU	TC-DE (G24q-2) HF control gear	beam width	finish reference
			▲	
			0.04895.00	82° - 104° [10]
		HF control gear with emergency pack		
			0.04869.00	82° - 88°
2x26W	FLU	TC-DE (G24q-2) HF control gear	beam width	finish reference
			▲	
			0.04896.00	84° - 110° [10]
		HF control gear with emergency pack		
			0.04858.00	76° - 88°
		possible configuration		0.04894.00 [10]



Accessories (pg. 338).

Round, fixed recessed luminaire with remote driver for compact fluorescent lamps



PRISMATIC SHIELD

1x32W				
FLU		TC-TE (GX24q-3) HF control gear	beam width	finish reference
				
0.07019.00			86° - 104°	[10]
possible configuration			0.07019.00[10]	



INTEGRAL SHIELD

1x32W				
FLU		TC-TE (GX24q-3) HF control gear	beam width	finish reference
				
Ø.04899.00			86° - 104°	[10]
possible configuration			Ø.04899.00[10]	

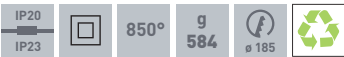
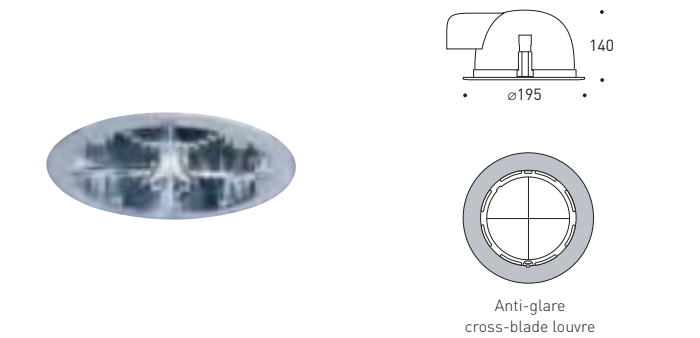


Accessories (pg. 338).



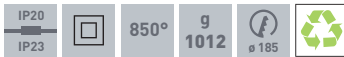
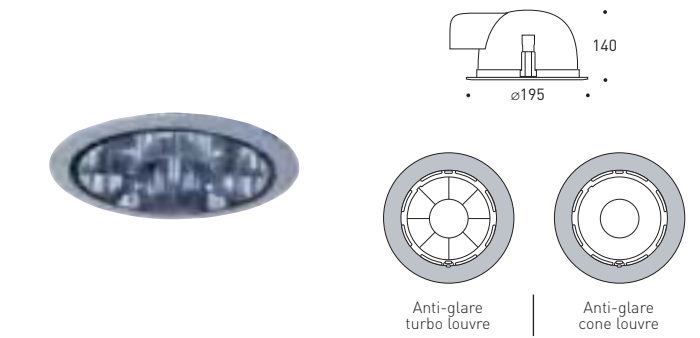
Accessories (pg. 338).

Round, fixed recessed luminaire with remote driver for compact fluorescent lamps



ANTI-GLARE CROSS-BLADE LOUVRE

2x13W				
FLU		TC-DE (G24q-1) HF control gear	beam width	finish reference
			▲	
		Ø.07073.00	104°	10
2x18W				
FLU		TC-DE (G24q-2) HF control gear	beam width	finish reference
			▲	
		Ø.07075.00	104°	10
		HF control gear with emergency pack		
		Ø.07087.00	82°	
2x26W				
FLU		TC-DE (G24q-3) HF control gear	beam width	finish reference
			▲	
		Ø.07077.00	104°	10
		HF control gear with emergency pack		
		Ø.07088.00	74°	
1x32W				
FLU		TC-TE (GX24q-3) HF control gear	beam width	finish reference
			▲	
		Ø.07015.00	114°	10
		possible configuration	Ø.07073.00	10



ANTI-GLARE TURBO LOUVRE / ANTI-GLARE CONE LOUVRE

2x13W				
FLU		TC-DE (G24q-1) HF control gear	beam width	finish reference
		Anti-glare turbo louver	Anti-glare cone louver	▲
		Ø.27030.00	Ø.27020.00	102°
				10
2x18W				
FLU		TC-DE (G24q-2) HF control gear	beam width	finish reference
			▲	
		Anti-glare turbo louver	Anti-glare cone louver	
		Ø.27032.00	Ø.27022.00	102°
				10
		HF control gear with emergency pack		
		Ø.27034.00	Ø.27024.00	102°
2x26W				
FLU		TC-DE (G24q-3) HF control gear	beam width	finish reference
			▲	
		Anti-glare turbo louver	Anti-glare cone louver	
		Ø.27036.00	Ø.27026.00	102°
				10
		HF control gear with emergency pack		
		Ø.27038.00	Ø.27028.00	102°
possible configuration			Ø.27030.00	10

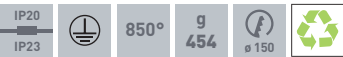
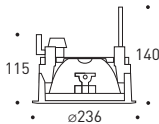
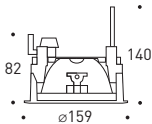
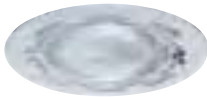


Accessories (pg. 338).



Accessories (pg. 338).

Fixed recessed luminaire with control gear technology for metal halide lamps



1x70W

MH	HIT-DE (RX7s) HF control gear	beam width	finish reference
		74°	10J
possible configuration		0.04855.0010J	



1x70W

MH	HIT-DE (RX7s) HF control gear	beam width	finish reference
		76°	10J
possible configuration		0.04863.0010J	

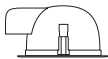


Accessories (pg. 339).



Accessories (pg. 339).

Accessories
compact fluorescent lamps



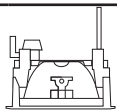
MIMO	 details	reference	finish reference
 GLASS	image glass, clear centre	0.06967.00	10
			01
			21
			28
			05
 GLASS	image glass, matt centre	0.06977.00	10
			01
			21
			28
			05
	container for concrete ceilings	0.03867.00	00
	sizes in mm Ø421 x h 151 mm		
possible configuration		0.06967.00	10

Accessories
metal halide lamps



MIMO	 details	reference	finish reference
 FILTERS	protection filters	0.06938.00	79
	shield finish	0.06938.00	80
	79 anti UV	0.06938.00	81
	80 clear		
	81 matt		
	anti-glare attachment	0.08170.00	21
	barn doors	0.08172.00	21
	louvre	0.08174.00	21
MOLLE	special spring clips for thin false ceilings	0.01988.00	00
possible configuration		0.06938.00	79

Accessories
metal halide lamps



MIMO	 details	reference	finish reference
 FILTERS	protection filters	0.06939.00	79
	shield finish	0.06939.00	80
	79 anti UV	0.06939.00	81
	80 clear		
	81 matt		
	anti-glare attachment	0.08171.00	21
	barn doors	0.08173.00	21
	louvre	0.08175.00	21
MOLLE	special spring clips for thin false ceilings	0.01988.00	00
possible configuration		0.06939.00	79



DOWNSPOT

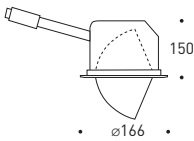
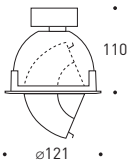
adjustable recessed luminaire

design by: **Fabio Reggiani**

Adjustable recessed luminaire for low voltage halogen lamps with built-in reflector and metal halide lamps



Special finishes
.01 chrome .02 satin matt chrome .05 gold plated
contact manufacturer for more details



1x20/35/50 W

HALO		QR-CB [GU5.3]	lamp with built-in reflector	finish reference
				
Ø.08011.00			/	(10]
				(21]
				(28]
possible configuration			Ø.08011.00(10]	



1x35W

MH		CDM-T (G12) HF	beam width	finish reference
				
			64°	
				
				

1x70W

MH		CDM-T (G12) HF	beam width	finish reference
				
Ø.08431.00			12°	[10]
				[21]
				[28]

1x70W

MH		CDM-T (G12) HF	beam width	finish reference
				
Ø.08432.00			44°	[10]
				[21]
				[28]

1x70W

MH		CDM-T (G12) HF	beam width	finish reference
				
Ø.08433.00			66°	(10) (21) (28)
possible configuration			Ø.08430.00(10)	



Accessories (pg. 343).



Accessories (pg. 343).

Accessories
halogen lamps / metal halide lamps

DOWNSPOT	 Ø 105	details	reference	finish reference
		dichroic filters	0.06937.00	74
		shield finish	0.06937.00	75
		74 blue	0.06937.00	76
		75 green	0.06937.00	77
		76 yellow	0.06937.00	
		77 red		
		barn doors	0.01914.00	21
		anti-glare attachment	0.01946.00	21
		wing framing projector [round, square or rectangular tight frames]	0.01912.00	21
		round framing projector	0.01913.00	21
		container for concrete ceilings	0.03863.00	00
		sizes in mm		
		Ø263 x h 151 mm		
possible configuration			0.12345.00	10

DOWNSPOT	 Ø 154	details	reference	finish reference
		dichroic filters	0.06942.00	[74]
		shield finish	0.06942.00	[75]
		74 blue	0.06942.00	[76]
		75 green	0.06942.00	[77]
		76 yellow	0.06942.00	
		77 red		
		selective filters	0.06938.00	[65]
		shield finish	0.06938.00	[66]
		65 light blue	0.06938.00	[67]
		66 orange		
		67 pink		
		protection filters	0.06938.00	[79]
		shield finish	0.06938.00	[80]
		79 anti UV	0.06938.00	[81]
		80 transparent		
		81 matt		
		anti-glare attachment	0.08170.00	[21]
		barn doors	0.08172.00	[21]
		louvre	0.08174.00	[21]
		container for concrete ceilings	0.03865.00	[00]
		sizes in mm Ø460 x h 151 mm		
possible configuration			0.12345.00	[10]



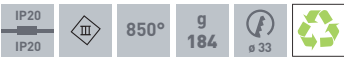
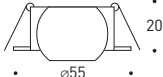
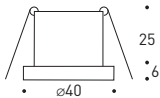
LOW VOLTAGE / BIJOU / SPLASH

fixed / adjustable projector

Fixed and adjustable solid brass recessed luminaire for low voltage halogen lamps



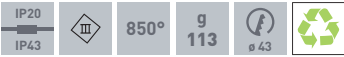
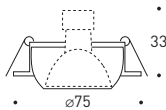
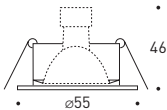
Special finishes
.01 chrome .02 satin matt chrome .05 gold plated
contact manufacturer for more details



1x20W					
HALO		QT (G4) lamp with built-in reflector	finish reference		
		0.03707.00	10	21	28
possible configuration		0.03707.00	10		



1x20W					
HALO		QT (G4) lamp with built-in reflector	finish reference		
		0.02000.00	10	21	28
possible configuration		0.02000.00	10		



1x20/35W					
HALO		QR-CB (GU4) lamp with built-in reflector	finish reference		
		0.03709.00	10	21	28
possible configuration		0.03709.00	10		



1x20/35W					
HALO		QR-CB (GU4) lamp with built-in reflector	finish reference		
		0.02001.00	10	21	28
possible configuration		0.02001.00	10		



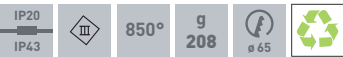
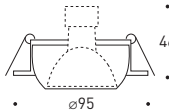
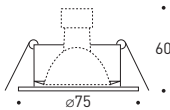
Accessories (pg. 355).

Accessories (pg. 355).

Fixed and adjustable solid brass recessed luminaire for low voltage halogen lamps with dichroic reflector



Special finishes
.01 chrome .02 satin matt chrome .05 gold plated
contact manufacturer for more details



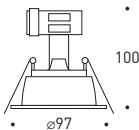
1x20/35/50W

HALO		QR-CB (GU5.3) lamp with built-in reflector	finish reference
		Ø.03711.00	10 21 28
possible configuration		Ø.03711.0010	



1x20/35/50W

HALO		QR-CB (GU5.3) lamp with built-in reflector	finish reference
		Ø.02002.00	10 21 28
possible configuration		Ø.02002.0010	



COMFORT

1x20/35/50W

HALO		QR-CB (GU5.3) lamp with built-in reflector	finish reference
		Ø.02009.00	10 21 28
possible configuration		Ø.02009.0010	



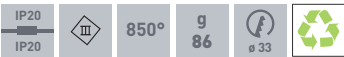
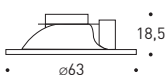
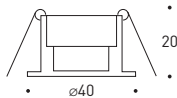
Accessories (pg. 355).

Accessories (pg. 355).

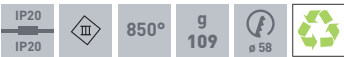
Fixed and adjustable recessed luminaire for low voltage halogen lamps



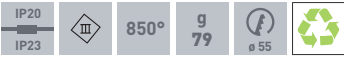
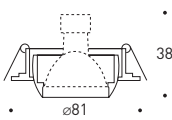
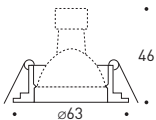
Special finishes
.01 chrome .02 satin matt chrome .05 gold plated
contact manufacturer for more details



1x20W	HALO	QT (G4) lamp with built-in reflector	finish reference
		0.03718.00	10 21 28
possible configuration		0.03718.00	10



1x20W	HALO	QT (G4) lamp with built-in reflector	finish reference
		0.04874.00	10 21 28
possible configuration		0.04874.00	10



1x20/35W	HALO	QR-CB (GU4) lamp with built-in reflector	finish reference
		0.07709.00	10 21 28
possible configuration		0.07709.00	10



1x20/35W	HALO	QR-CB (GU4) lamp with built-in reflector	finish reference
		0.02007.00	10 21 28
possible configuration		0.02007.00	10



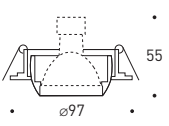
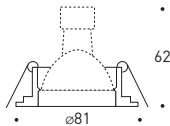
Accessories (pg. 356).



Accessories (pg. 356).

Fixed and adjustable recessed luminaire for low voltage halogen lamps with dichroic reflector

Special finishes
.01 chrome .02 satin matt chrome .05 gold plated
contact manufacturer for more details



IP20
IP23

850°

g
110

1x20/35/50W

HALO		QR-CB (GU5.3) lamp with built-in reflector	finish reference
		0.07711.00	10 21 28
possible configuration		0.07711.0010	



IP20
IP23

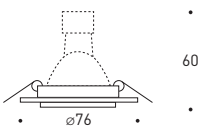
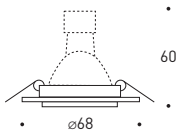
850°

28°

g
217

1x20/35/50W

HALO		QR-CB (GU5.3) lamp with built-in reflector	finish reference
		0.02008.00	10 21 28
possible configuration		0.02008.0010	



IP20
IP43

850°

g
78

1x20/35/50W

HALO		QR-CB (GU5.3) lamp with built-in reflector	finish reference
		0.03790.00	10 21 28
possible configuration		0.03790.0010	



Accessories (pg. 356).

IP20
IP43

850°

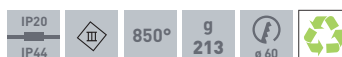
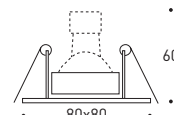
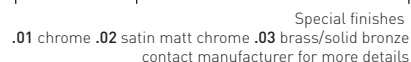
g
105

1x20/35/50W

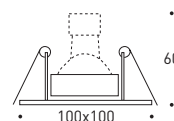
HALO		QR-CB (GU5.3) lamp with built-in reflector	finish reference
		0.03789.00	10 21 28
possible configuration		0.03789.0010	



Accessories (pg. 356).



HALO		QR-CB [GU5.3] lamp with built-in reflector	finish reference
Ø.03991.00			10
			21
			28
possible configuration			Ø.03991.00 ₁₀



HALO		QR-CB [GU5.3] lamp with built-in reflector	finish reference
Ø.03992.00			10
			21
			28
possible configuration			Ø.03992.00 ₁₀

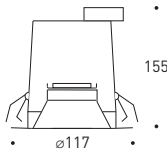
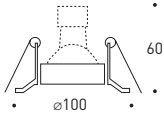


Accessories (pg. 356).

Fixed and adjustable recessed luminaire for low voltage halogen lamps with dichroic reflector



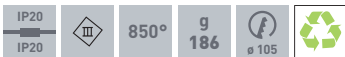
Special finishes
.01 chrome .03 brass/solid bronze
contact manufacturer for more details



RETRACTED TILTING OPTICS

1x20/35/50W

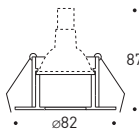
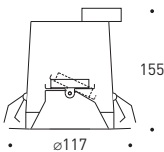
HALO		QR-CB (GU5.3) lamp with built-in reflector	finish reference
		0.03760.00	[10]
			[21]
			[28]
possible configuration		0.03760.00[10]	



COMFORT

1x20/35/50W

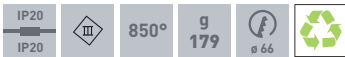
HALO		QR-CB (GU5.3) lamp with built-in reflector	finish reference
		0.03420.00	[10]
			[21]
			[28]
possible configuration		0.03420.00[10]	



COMFORT TILTING OPTICS

1x20/35/50W

HALO		QR-CB (GU5.3) lamp with built-in reflector	finish reference
		0.03430.00	[10]
			[21]
			[28]
possible configuration		0.03430.00[10]	



COMFORT

1x20/35/50W

HALO		QR-CB (GU5.3) lamp with built-in reflector	finish reference
		0.03758.00	[10]
			[21]
			[28]
possible configuration		0.03758.00[10]	



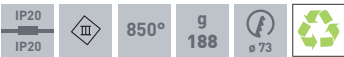
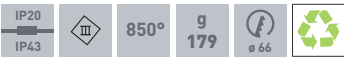
Accessories (pg. 356).

Accessories (pg. 356).

Fixed and adjustable recessed luminaire for low voltage halogen lamps with dichroic reflector



Special finishes
.01 chrome .03 brass/solid bronze
contact manufacturer for more details



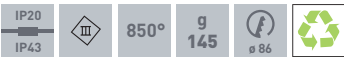
GLASS DIFFUSER

1x20/35/50W

HALO		QR-CB (GU5.3) lamp with built-in reflector	finish reference
0.03418.00			10 21 28
possible configuration			0.03418.00 10

1x20/35/50W

HALO		QR-CB (GU5.3) lamp with built-in reflector	finish reference
0.03475.00			10 21 28
possible configuration			0.03475.00 10



1x20/35/50W

HALO		QR-CB (GU5.3) lamp with built-in reflector	finish reference
0.03476.00			10 21 28
possible configuration			0.03476.00 10

1x20/35/50W

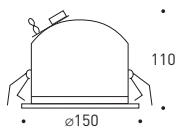
HALO		QR-CB (GU5.3) lamp with built-in reflector	finish reference
0.03704.00			10 21 28
possible configuration			0.03704.00 10



Accessories (pg. 356).

Accessories (pg. 356).

Fixed and adjustable recessed luminaire for low voltage halogen lamps with dichroic reflector

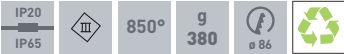
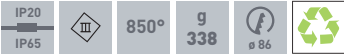
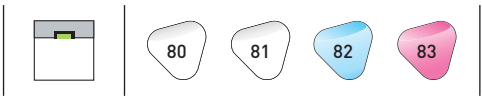


WITH BACK HOUSING

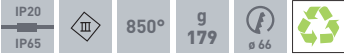
1x20/35/50 W

HALO		QR-CB (GU5.3) lamp with built-in reflector	finish reference
Ø.03714.00			10
			21
			28
possible configuration			Ø.03714.0010

Fixed recessed luminaire for low voltage halogen lamps



1x20/35W		1x20W	
HALO		HALO	
QR-CB (GU4) lamp with built-in reflector		QT (G4) lamp with built-in reflector	
finish reference		finish reference	
Ø.07490.00		Ø.07491.00	
		80	
		81	
		82	
		83	
possible configuration		possible configuration	
		Ø.07490.0010	
		Ø.07491.0010	



1x20/35/50W	
HALO	
QR-CB (GU5.3) lamp with built-in reflector	
finish reference	
Ø.03759.00	
80	
81	
82	
83	
possible configuration	
Ø.03759.0010	

Accessories (pg. 355).

Accessories
halogen lamps

BIJOU	details	reference	finish reference
 FILTERS	safety filters	0.06936.00	79
	shield finish	0.06936.00	81
	79 anti UV		
	81 matt		
	ref. 03709-02001 dichroic filters	0.06936.00	74
	shield finish	0.06936.00	75
	74 blue	0.06936.00	76
	75 green	0.06936.00	77
	76 yellow		
	ref. 03711-02002 02009 dichroic filters	0.06937.00	74
	shield finish	0.06937.00	75
	74 blue	0.06937.00	76
	75 green	0.06937.00	77
	76 yellow		
	reflector aluminium	0.01917.00	07
	container for concrete ceilings	0.03860.00	00
	sizes in mm Ø263 x h 151 mm		
possible configuration		0.06936.00	79

SPLASH	details	reference	finish reference
	anti-theft ring glass	0.07498.00	10
			21
	back housing	0.07499.00	79
possible configuration		0.07498.00	10

Accessories
halogen lamps

LOW VOLTAGE	details	reference	finish reference
	ref. 03718-04874 safety filters	0.06936.00	79
	07709-02007 shield finish	0.06936.00	81
	03701-03475 79 anti UV		
	03476 81 matt		
	ref. 03704-03427 filters	0.06937.00	79
	shield finish	0.06937.00	81
	79 anti UV	0.06937.00	86
	81 matt	0.06937.00	87
	86 elliptic		
	ref. 03709-02001 dichroic filters	0.06936.00	74
	03701 shield finish	0.06936.00	75
	74 blue	0.06936.00	76
	75 green	0.06936.00	77
	76 yellow		
	77 red		
	ref. 07711-02008 dichroic filters	0.06937.00	74
	03790-03789 shield finish	0.06937.00	75
	03991-03702 74 blue	0.06937.00	76
	03760-03704 75 green	0.06937.00	77
	03427 76 yellow		
	77 red		
	ref. 03718-04874 aluminium reflector	0.01917.00	07
	07709-02007		
	03701-03475		
	03476		
	ref. 07711-02008 aluminium reflector	0.01915.00	07
	03790-03789	0.01916.00	07
	03991-03702		
	03992-03760		
	ref. 03701 container for concrete ceilings	0.03860.00	00
	sizes in mm		
	Ø263 x h 151 mm		
	ref. 02007-07711	0.03861.00	00
	ref. 03702	0.03862.00	00
	barn doors (Ø 50 mm) with Polyblok	0.01914.00	21
possible configuration		0.06936.00	79

LOW VOLTAGE	details	reference	finish reference
	anti-glare attachment (Ø 50 mm) with Polyblok	0.01946.00	00
	special spring clips for thin false ceilings	0.01987.00	00
possible configuration		0.01946.00	00



ABSA Bank , Johannesburg - South Africa Bernhard Kristinn Photography

Ceiling and Wall mounted luminaires

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
Kyl ios	502
Kaze	508
Trisio	518
Low voltage	536
Binari	546
Cyl light	554
Narancia	564
Ladder	572

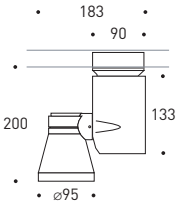
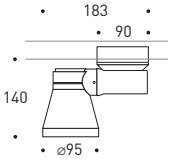


VARIOS

adjustable projector

design by: **LAPD**

Adjustable projector for 3-circuit track mounting



13 W			1500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2	▲	nom. lm	K	CRI	
Ø	CA43	A	11°	HQ	1221	3000	>90	10
V*		B	15°	WW	1500	3000	>80	21
D*		C	21°	NN	1661	4000	>80	28
		D	29°					
		E	51°					
		F	Mira					
T**		K	without optics					
possible configuration					Ø CA43 A HQ 10			

								
13 W			1500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2	▲	nom. lm	K	CRI	
Ø	DA43	A	11°	HQ	1221	3000	>90	10
V*		B	15°	WW	1500	3000	>80	21
D*		C	21°	NN	1661	4000	>80	28
		D	29°					
		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 Dalí) 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.

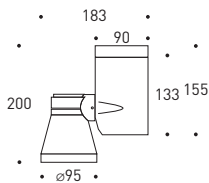
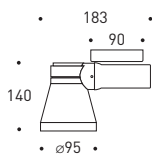


Accessories (pg. 385). Components for track (pg. 548-553).
 Photometric data (pg. 704-705).



Accessories (pg. 385). Components for track (pg. 548-553).
 Photometric data (pg. 704-705).

Adjustable projector for surface mounting



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
		[B]	15°	[WW]	1500	3000	>80
[V]*		[C]	21°	[NN]	1661	4000	>80
[D]*		[D]	29°				
		[E]	51°				
[T]**		[F]	Mira				
		[K]	without optics				
possible configuration				[Ø], FA43 [A], [HQ], [10]			



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
		[B]	15°	[WW]	1500	3000	>80
[V]*		[C]	21°	[NN]	1661	4000	>80
[D]*		[D]	29°				
		[E]	51°				
[T]**		[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.



Accessories (pg. 385).
Photometric data (pg. 704-705).



Accessories (pg. 385).
Photometric data (pg. 704-705).

Adjustable projector for 3-circuit track mounting



13 W			1500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø V* D* T**	MA43		A	11°	HQ	1221	3000 >90	10
			B	15°	WW	1500	3000 >80	21
			C	21°	NN	1661	4000 >80	28
			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			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø V* D*	MA47		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 MA47 A HQ 10			

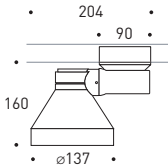
22 W			2500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø V* D*	MA45		A	11°	HQ	2038	3000 >90	10
			B	15°	WW	2650	3000 >80	21
			C	21°	NN	2759	4000 >80	28
			D	29°				
			E	51°				
			F	Mira				
			K	without optics				
possible configuration					Ø MA45 A HQ 10			

* The track-mounted projectors with dimming provision (1-10V DC and Dalí) 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.



Accessories (pg. 385). 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			finish reference	
			IOS LL7 ▲	nom. lm	K	CRI		
[Ø]	MA49	[N]	14°	[HQ]	4147	3000	>90	[10]
		[P]	21°	[WW]	5017	3000	>80	[21]
		[Q]	30°	[NN]	5196	4000	>80	[28]
[V]*		[R]	36°					
[D]*		[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.



Accessories (pg. 385). Components for track (pg. 548-553).
Photometric data (pg. 738-739).

Adjustable projector for 3-circuit track mounting



13 W			1500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	NA43	A	11°	HQ	1221	3000	>90	10
		B	15°	WW	1500	3000	>80	21
		C	21°	NN	1661	4000	>80	28
		D	29°					
		E	51°					
		F	Mira					
V*								
D*								
T**			K	without optics				
possible configuration					Ø, NA43, 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]	NA47	[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					
[V]*								
[D]*								
			[K]	without optics				
possible configuration					[Ø] NA47 [A] [HQ] [10]			

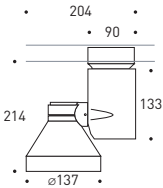
22 W			2500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	NA45	A	11°	HQ	2038	3000	>90	10
		B	15°	WW	2650	3000	>80	21
		C	21°	NN	2759	4000	>80	28
		D	29°					
		E	51°					
		F	Mira					
V*								
D*			K	without optics				
possible configuration					Ø, NA45, A, HQ, 10			

* The track-mounted projectors with dimming provision (1-10V DC and Dalí) 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.



Accessories (pg. 385). 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			finish reference	
			IOS LL7 ▲		nom. lm	K	CRI	
[Ø]	NA49	[N]	14°	[HQ]	4147	3000	>90	[10]
		[P]	21°	[WW]	5017	3000	>80	[21]
		[Q]	30°	[NN]	5196	4000	>80	[28]
[V]*		[R]	36°					
[D]*		[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.



Accessories (pg. 385). Components for track (pg. 548-553).
Photometric data (pg. 738-739).

Adjustable projector for surface mounting



13 W			1500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2	▲	nom. lm	K	CRI	
Ø V* D* T**	PA43		A	11°	HQ	1221	3000 >90	10
			B	15°	WW	1500	3000 >80	21
			C	21°	NN	1661	4000 >80	28
			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			finish reference	
			IOS LL2	▲	nom. lm	K	CRI		
Ø V* D*	PA47		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, PA47, A, HQ, 10				

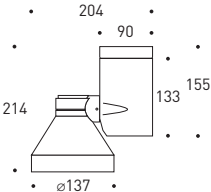
22 W			2500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø V* D*	PA45		A	11°	HQ	2038	3000 >90	10
			B	15°	WW	2650	3000 >80	21
			C	21°	NN	2759	4000 >80	28
			D	29°				
			E	51°				
			F	Mira				
			K	without optics				
possible configuration					Ø PA45 A HQ 10			

* The track-mounted projectors with dimming provision (1-10V DC and Dalí) 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.



Accessories (pg. 385).
 Photometric data (pg. 704-705 / 708-709 / 712-713).

Adjustable projector for surface mounting



13 W				1500 lm				
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲		nom. lm	K	CRI	
[Ø]	RA43	[A]	11°	[HQ]	1221	3000	>90	[10]
		[B]	15°	[WW]	1500	3000	>80	[21]
		[C]	21°	[NN]	1661	4000	>80	[28]
		[D]	29°					
		[E]	51°					
[V]*		[F]	Mira					
[D]*								
[T]**		[K]	without optics					
possible configuration				[Ø] RA43 [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	RA47	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°					
V*		F	Mira					
D*		K	without optics					
possible configuration				Ø, RA47, 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]	RA45	[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°					
[V]*		[F]	Mira					
[D]*		[K]	without optics					
possible configuration				[Ø] RA45 [A] [HQ] [10]				

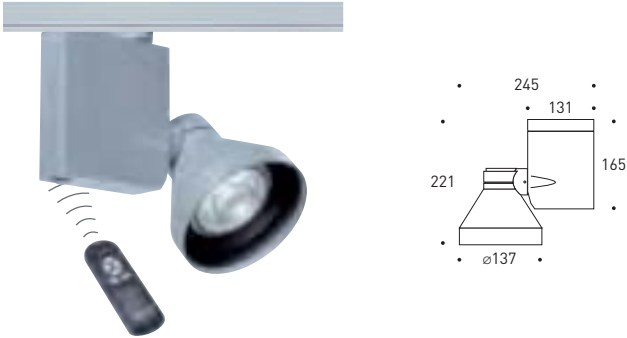
* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

**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.



Adjustable projector for 3-circuit track mounting



13 W			1500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
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
		D	29°					
		E	51°					
		F	Mira					
T**		K	without optics					
possible configuration					Ø, TA43, 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	TA47		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°					
D*			F	Mira					
			K	without optics					
possible configuration					Ø, TA47, A, HQ, 10				

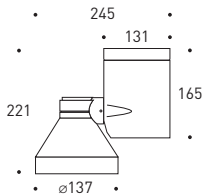
22 W			2500 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
			IOS LL2 ▲		nom. lm	K	CRI		
Ø	TA45		A	11°	HQ	2038	3000	>90	10
			B	15°	WW	2650	3000	>80	21
V*			C	21°	NN	2759	4000	>80	28
			D	29°					
			E	51°					
D*			F	Mira					
			K	without optics					
possible configuration					Ø, TA45, A, HQ, 10				

* The track-mounted projectors with dimming provision (1-10V DC and Dalí) 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.



Accessories (pg. 385). Components for track (pg. 548-553).
 Photometric data (pg. 704-705 / 708-709 / 712-713).

Adjustable projector for 3-circuit track mounting

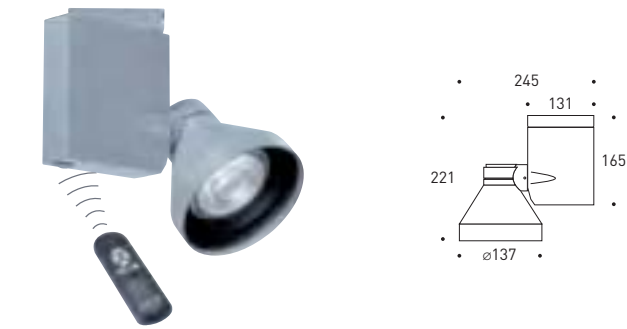


46 W		4500 lm						
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL7 ▲	nom. lm	K	CRI		
[Ø]	TA49	[N]	14°	[HQ]	4147	3000	>90	[10]
		[P]	21°	[WW]	5017	3000	>80	[21]
[V]*		[Q]	30°	[NN]	5196	4000	>80	[28]
[D]*		[R]	36°					
		[S]	40°					
		[T]	69°					
		[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.



Adjustable projector for surface mounting



13 W			1500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	UA43	A	11°	HQ	1221	3000	>90	10
		B	15°	WW	1500	3000	>80	21
		C	21°	NN	1661	4000	>80	28
		D	29°					
		E	51°					
		F	Mira					
V*								
D*								
T**			K	without optics				
possible configuration					Ø, UA43, 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	UA47	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 UA47 A HQ 10				

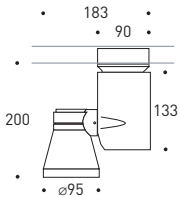
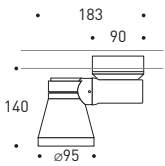
22 W			2500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø V* D*	UA45		A	11°	HQ	2038	3000 >90	10
			B	15°	WW	2650	3000 >80	21
			C	21°	NN	2759	4000 >80	28
			D	29°				
			E	51°				
			F	Mira				
			K	without optics				
possible configuration					Ø UA45 A HQ 10			

* The track-mounted projectors with dimming provision (1-10V DC and Dalí) 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.



Accessories (pg. 385).
 Photometric data (pg. 704-705 / 708-709 / 712-713).

Adjustable projector for 3-circuit track mounting



MH IOS		CDM-T G12	IOS MH3 optics	finish reference
20 W				
		Ø.19635.00	12°	[10]
		Ø. 19636.00	24°	[21]
		Ø.19637.00	74°	[28]
		Ø.19638.00	Mira	
35 W				
		Ø.19640.00	12°	[10]
		Ø.19641.00	22°	[21]
		Ø.19642.00	74°	[28]
		Ø.19643.00	Mira	
50 W				
		Ø.50120.00	12°	[10]
		Ø.50121.00	24°	[21]
		Ø.50122.00	74°	[28]
		Ø.50123.00	Mira	
70 W				
		Ø.19645.00	14°	[10]
		Ø.19646.00	24°	[21]
		Ø.19647.00	78°	[28]
		Ø.19648.00	Mira	
possible configuration			Ø.19635.00 [10]	

MH IOS		CDM-T G12	IOS MH3 optics	finish reference
20 W				
		Ø.19510.00	12°	[10]
		Ø. 19511.00	24°	[21]
		Ø.19512.00	74°	[28]
		Ø.19513.00	Mira	
35 W				
		Ø.19515.00	12°	[10]
		Ø.19516.00	22°	[21]
		Ø.19517.00	74°	[28]
		Ø.19518.00	Mira	
50 W				
		Ø.50128.00	12°	[10]
		Ø.50129.00	24°	[21]
		Ø.50130.00	74°	[28]
		Ø.50131.00	Mira	
70 W				
		Ø.19520.00	14°	[10]
		Ø.19521.00	24°	[21]
		Ø.19522.00	78°	[28]
		Ø.19523.00	Mira	
possible configuration			Ø.19510.00 [10]	

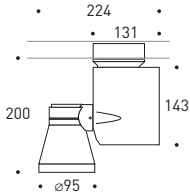


Accessories (pg. 386). Components for track (pg. 548-553).
Photometric data (pg. 768).



Accessories (pg. 386). Components for track (pg. 548-553).
Photometric data (pg. 768).

Adjustable projector for 3-circuit track mounting

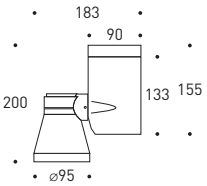
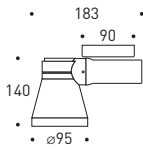


MH IOS		CDM-T G12	IOS MH3 optics	finish reference
20 W				
		0.20110.00	12°	[10]
		0.20111.00	24°	[21]
		0.20112.00	74°	[28]
		0.20113.00	Mira	
35 W				
		0.20116.00	12°	[10]
		0.20117.00	22°	[21]
		0.20118.00	74°	[28]
		0.20119.00	Mira	
50 W				
		0.50136.00	12°	[10]
		0.50137.00	24°	[21]
		0.50138.00	74°	[28]
		0.50139.00	Mira	
70 W				
		0.20122.00	14°	[10]
		0.20123.00	24°	[21]
		0.20124.00	78°	[28]
		0.20125.00	Mira	
possible configuration			0.20110.00 [10]	



Accessories (pg. 386). Components for track (pg. 548-553).
 Photometric data (pg. 768).

Adjustable projector for surface mounting



MH IOS		CDM-T G12	IOS MH3 optics	finish reference
20 W				
		Ø.19821.00	12°	[10]
		Ø. 19822.00	24°	[21]
		Ø.19823.00	74°	[28]
		Ø.19824.00	Mira	
35 W				
		Ø.19826.00	12°	[10]
		Ø.19827.00	22°	[21]
		Ø.19828.00	74°	[28]
		Ø.19829.00	Mira	
50 W				
		Ø.50124.00	12°	[10]
		Ø.50125.00	24°	[21]
		Ø.50126.00	74°	[28]
		Ø.50127.00	Mira	
70 W				
		Ø.19831.00	14°	[10]
		Ø.19832.00	24°	[21]
		Ø.19833.00	78°	[28]
		Ø.19834.00	Mira	
possible configuration			Ø.19821.00 [10]	

MH IOS		CDM-T G12	IOS MH3 optics	finish reference
20 W				
		Ø.19802.00	12°	[10]
		Ø. 19803.00	24°	[21]
		Ø.19804.00	74°	[28]
		Ø.19805.00	Mira	
35 W				
		Ø.19807.00	12°	[10]
		Ø.19808.00	22°	[21]
		Ø.19809.00	74°	[28]
		Ø.19810.00	Mira	
50 W				
		Ø.50132.00	12°	[10]
		Ø.50133.00	24°	[21]
		Ø.50134.00	74°	[28]
		Ø.50135.00	Mira	
70 W				
		Ø.19812.00	14°	[10]
		Ø.19813.00	24°	[21]
		Ø.19814.00	78°	[28]
		Ø.19815.00	Mira	
possible configuration			Ø.19802.00 [10]	

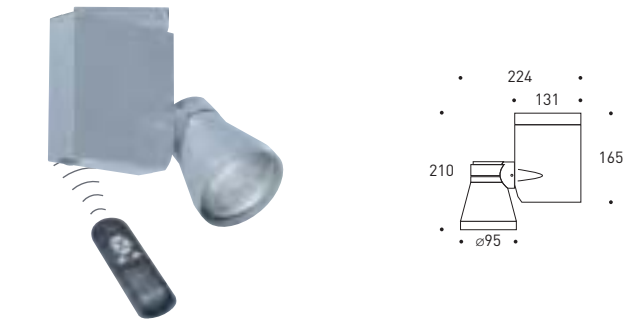


Accessories (pg. 386).
Photometric data (pg. 768).



Accessories (pg. 386).
Photometric data (pg. 768).

Adjustable projector for surface mounting

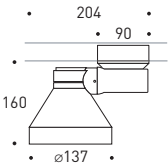
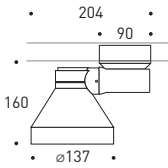


MH IOS	CDM-T G12	IOS MH3 optics	finish reference
20 W		▲	
0.20180.00		12°	[10]
0.20181.00		24°	[21]
0.20182.00		74°	[28]
0.20183.00		Mira	
35 W			
0.20186.00		12°	[10]
0.20187.00		22°	[21]
0.20188.00		74°	[28]
0.20189.00		Mira	
50 W			
0.50140.00		12°	[10]
0.50141.00		24°	[21]
0.50142.00		74°	[28]
0.50143.00		Mira	
70 W			
0.20192.00		14°	[10]
0.20193.00		24°	[21]
0.20194.00		78°	[28]
0.20195.00		Mira	
possible configuration		0.20180.00 [10]	



Accessories (pg. 386).
Photometric data (pg. 768).

Adjustable projector for 3-circuit track mounting



MH IOS	CDM-T G12	IOS MH5 optics	finish reference
20 W			
Ø.19650.00		14°	[10]
Ø. 19651.00		22°	[21]
Ø.19544.00		28°	[28]
Ø.19652.00		50°	
Ø.19653.00		Mira	
35 W			
Ø.19655.00		14°	[10]
Ø.19656.00		22°	[21]
Ø.19545.00		28°	[28]
Ø.19657.00		50°	
Ø.19658.00		Mira	
50 W			
Ø.50144.00		14°	[10]
Ø.50145.00		22°	[21]
Ø.50146.00		28°	[28]
Ø.50147.00		50°	
Ø.50148.00		Mira	
70 W			
Ø.19660.00		14°	[10]
Ø.19661.00		22°	[21]
Ø.19546.00		28°	[28]
Ø.19662.00		50°	
Ø.19663.00		Mira	
possible configuration		Ø.19650.00 [10]	

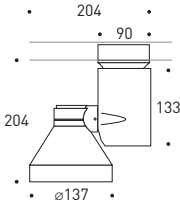
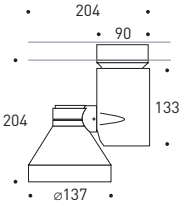
HALO IOS	QT-14 G9	IOS HL5 optics	finish reference
60 W			
Ø.19665.00		16°	[10]
Ø. 19666.00		22°	[21]
Ø.19547.00		28°	[28]
Ø. 19667.00		50°	
Ø.19668.00		Mira	
possible configuration		Ø.19665.00 [10]	



Accessories (pg. 386). Components for track (pg. 548-553).
Photometric data (pg. 770-771).

Accessories (pg. 386). Components for track (pg. 548-553).
Photometric data (pg. 773).

Adjustable projector for 3-circuit track mounting



MH IOS	CDM-T G12	IOS MH5 optics	finish reference
20 W			
	0.19550.00	14°	[10]
	0.19551.00	22°	[21]
	0.19540.00	28°	[28]
	0.19552.00	50°	
	0.19553.00	Mira	
35 W			
	0.19555.00	14°	[10]
	0.19556.00	22°	[21]
	0.19541.00	28°	[28]
	0.19557.00	50°	
	0.19558.00	Mira	
50 W			
	0.50154.00	14°	[10]
	0.50155.00	22°	[21]
	0.50156.00	28°	[28]
	0.50157.00	50°	
	0.50158.00	Mira	
70 W			
	0.19560.00	14°	[10]
	0.19561.00	22°	[21]
	0.19542.00	28°	[28]
	0.19562.00	50°	
	0.19563.00	Mira	
possible configuration		0.19550.00[10]	

HALO IOS	QT-14 G9	IOS HL5 optics	finish reference
60 W			
	0.19565.00	16°	[10]
	0.19566.00	22°	[21]
	0.19543.00	28°	[28]
	0.19567.00	50°	
	0.19568.00	Mira	
possible configuration		0.19565.00[10]	

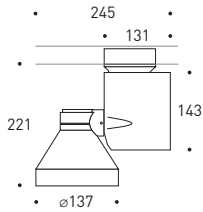
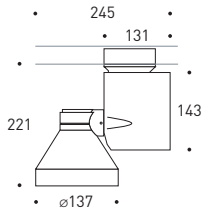


Accessories (pg. 386). Components for track (pg. 548-553).
 Photometric data (pg. 770-771).



Accessories (pg. 386). Components for track (pg. 548-553).
 Photometric data (pg. 773).

Adjustable projector for 3-circuit track mounting



MH IOS	CDM-T G12	IOS MH5 optics	finish reference
20 W		▲	
Ø.20140.00		14°	[10]
Ø.20141.00		22°	[21]
Ø.20144.00		28°	[28]
Ø.20142.00		50°	
Ø.20143.00		Mira	
35 W			
Ø.20146.00		14°	[10]
Ø.20147.00		22°	[21]
Ø.20150.00		28°	[28]
Ø.20148.00		50°	
Ø.20149.00		Mira	
50 W			
Ø.50164.00		14°	[10]
Ø.50165.00		22°	[21]
Ø.50166.00		28°	[28]
Ø.50167.00		50°	
Ø.50168.00		Mira	
70 W			
Ø.20152.00		14°	[10]
Ø.20153.00		22°	[21]
Ø.20156.00		28°	[28]
Ø.20154.00		50°	
Ø.20155.00		Mira	
possible configuration		Ø.20140.00 [10]	

HALO IOS	QT-14 G9	IOS HL5 optics	finish reference
60 W		▲	
Ø.20160.00		16°	[10]
Ø.20161.00		22°	[21]
Ø.20164.00		28°	[28]
Ø.20162.00		50°	
Ø.20163.00		Mira	
possible configuration		Ø.20160.00 [10]	



Accessories (pg. 386). Components for track (pg. 548-553).
Photometric data (pg. 770-771).



Accessories (pg. 386). Components for track (pg. 548-553).
Photometric data (pg. 773).

Adjustable projector for surface mounting



MH IOS	CDM-T G12	IOS MH5 optics	finish reference
20 W			
	0.19876.00	14°	[10]
	0.19877.00	22°	[21]
	0.19890.00	28°	[28]
	0.19878.00	50°	
	0.19879.00	Mira	
35 W			
	0.19881.00	14°	[10]
	0.19882.00	22°	[21]
	0.19891.00	28°	[28]
	0.19883.00	50°	
	0.19884.00	Mira	
50 W			
	0.50149.00	14°	[10]
	0.50150.00	22°	[21]
	0.50151.00	28°	[28]
	0.50152.00	50°	
	0.50153.00	Mira	
70 W			
	0.19886.00	14°	[10]
	0.19887.00	22°	[21]
	0.198>90.00	28°	[28]
	0.19888.00	50°	
	0.19889.00	Mira	
possible configuration		0.19876.00 [10]	

HALO IOS	QT-14 G9	IOS HL5 optics	finish reference
60 W			
	0.20001.00	16°	[10]
	0.20002.00	22°	[21]
	0.20005.00	28°	[28]
	0.20003.00	50°	
	0.20004.00	Mira	
possible configuration		0.20001.00 [10]	

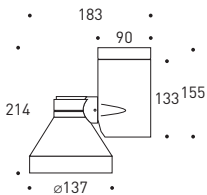
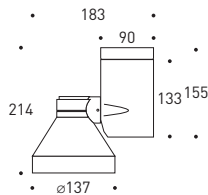


Accessories (pg. 386).
 Photometric data (pg. 770-771).



Accessories (pg. 386).
 Photometric data (pg. 773).

Adjustable projector for surface mounting



MH IOS	CDM-T G12	IOS MH5 optics	finish reference
20 W		▲	
	Ø.19856.00	14°	[10]
	Ø.19857.00	22°	[21]
	Ø.19870.00	28°	[28]
	Ø.19858.00	50°	
	Ø.19859.00	Mira	
35 W			
	Ø.19861.00	14°	[10]
	Ø.19862.00	22°	[21]
	Ø.19871.00	28°	[28]
	Ø.19863.00	50°	
	Ø.19864.00	Mira	
50 W			
	Ø.50159.00	14°	[10]
	Ø.50160.00	22°	[21]
	Ø.50161.00	28°	[28]
	Ø.50162.00	50°	
	Ø.50163.00	Mira	
70 W			
	Ø.19866.00	14°	[10]
	Ø.19867.00	22°	[21]
	Ø.19872.00	28°	[28]
	Ø.19868.00	50°	
	Ø.19869.00	Mira	
possible configuration		Ø.19856.00 [10]	

HALO IOS	QT-14 G9	IOS HL5 optics	finish reference
60 W		▲	
	Ø.19996.00	16°	[10]
	Ø.19997.00	22°	[21]
	Ø.19994.00	28°	[28]
	Ø.19998.00	50°	
	Ø.19999.00	Mira	
possible configuration		Ø.19996.00 [10]	

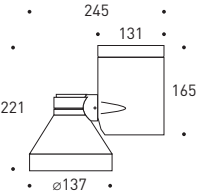
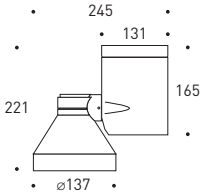


Accessories (pg. 386).
Photometric data (pg. 770-771).



Accessories (pg. 386).
Photometric data (pg. 773).

Adjustable projector for surface mounting



MH IOS		CDM-T G12	IOS MH5 optics	finish reference
20 W				
		Ø.20220.00	14°	[10]
		Ø. 20221.00	22°	[21]
		Ø.20224.00	28°	[28]
		Ø.20222.00	50°	
		Ø.20223.00	Mira	
35 W				
		Ø.20226.00	14°	[10]
		Ø.20227.00	22°	[21]
		Ø.20230.00	28°	[28]
		Ø.20228.00	50°	
		Ø.20229.00	Mira	
50 W				
		Ø.50169.00	14°	[10]
		Ø.50170.00	22°	[21]
		Ø.50171.00	28°	[28]
		Ø.50172.00	50°	
		Ø.50173.00	Mira	
70 W				
		Ø.20232.00	14°	[10]
		Ø.20233.00	22°	[21]
		Ø.20236.00	28°	[28]
		Ø.20234.00	50°	
		Ø.20235.00	Mira	
possible configuration			Ø.20220.00 [10]	

HALO IOS		QT-14 G9	IOS HL5 optics	finish reference
60 W				
		Ø.20250.00	16°	[10]
		Ø. 20251.00	22°	[21]
		Ø.20254.00	28°	[28]
		Ø. 20252.00	50°	
		Ø.20253.00	Mira	
possible configuration			Ø.20250.00 [10]	

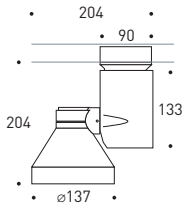
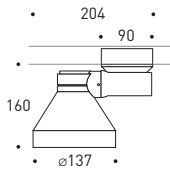


Accessories (pg. 386).
 Photometric data (pg. 770-771).



Accessories (pg. 386).
 Photometric data (pg. 773).

Adjustable projector for 3-circuit track mounting

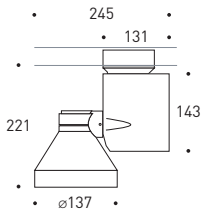


65 W - 12V

HALO		QR-111 (G53) lamps with built-in reflector	finish reference
		0.19670.00	10 21 28
possible configuration		0.19670.00 10	

65 W - 12V

HALO		QR-111 (G53) lamps with built-in reflector	finish reference
		0.19570.00	10 21 28
possible configuration		0.19570.00 10	



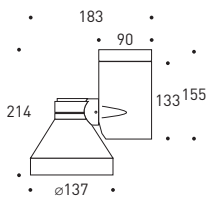
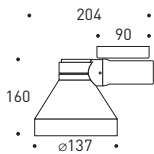
65 W - 12V

HALO		QR-111 (G53) lamps with built-in reflector	finish reference
		0.20168.00	10 21 28
possible configuration		0.20168.00 10	



Accessories (pg. 386). Components for track (pg. 548-553).

Adjustable projector for surface mounting



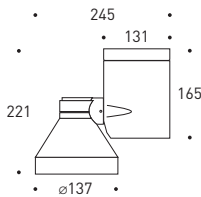
65 W - 12V

HALO		QR-111 (G53) lamps with built-in reflector	finish reference
		Ø.20016.00	[10]
			[21]
			[28]
possible configuration		Ø.20016.00[10]	



65 W - 12V

HALO		QR-111 (G53) lamps with built-in reflector	finish reference
		Ø.20010.00	[10]
			[21]
			[28]
possible configuration		Ø.20010.00[10]	



65 W - 12V

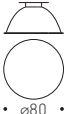
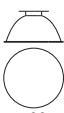
HALO		QR-111 (G53) lamps with built-in reflector	finish reference
		Ø.20258.00	[10]
			[21]
			[28]
possible configuration		Ø.20258.00[10]	



Accessories (pg. 386).

Accessories
LED



VARIOS	details	IOS	▲	reference	finish reference
LED IOS LL2 	interchangeable optical system	A	11°	0.35050.00	[00]
	shield finish 00 clear	B	15°	0.35049.00	
		C	21°	0.35051.00	
		D	29°	0.35052.00	
		E	51°	0.35053.00	
		F	Mira*	0.35054.00	
		H	W. W.	0.35059.00	
LED IOS LL2 FOOD 	interchangeable optical system with selective filters		11°	0.35050.00	[64]
	shield finish 64 green 65 light blue 66 orange 67 pink	IOS LL2	15°	0.35049.00	[65]
			21°	0.35051.00	[66]
			29°	0.35052.00	[67]
			51°	0.35053.00	
	Anti-glare louvre			0.23990.00	[21]
possible configuration				0.35050.00	[00]



VARIOS		details	IOS	▲	reference	finish reference
LED IOS LL2		interchangeable optical system	A	11°	0.35050.00	[00]
		shield finish 00 clear	B	15°	0.35049.00	
			C	21°	0.35051.00	
			D	29°	0.35052.00	
			E	51°	0.35053.00	
			F	Mira*	0.35054.00	
			H	W. W.	0.35059.00	
LED IOS LL2 FOOD		interchangeable optical system with selective filters		11°	0.35050.00	[64]
		shield finish 64 green 65 light blue 66 orange 67 pink	IOS LL2	15°	0.35049.00	[65]
				21°	0.35051.00	[66]
				29°	0.35052.00	[67]
				51°	0.35053.00	
LED IOS LL7		interchangeable optical system	N	14°	0.35169.00	[00]
		shield finish 00 clear	P	21°	0.35170.00	
			Q	30°	0.35171.00	
			R	36°	0.35172.00	
			S	40°	0.35173.00	
			T	69°	0.35174.00	
			U	Mira*	0.35175.00	
LED IOS LL7 FOOD		interchangeable optical system with selective filters		14°	0.35169.00	[64]
		shield finish 64 green 65 light blue 66 orange 67 pink	IOS LL7	21°	0.35170.00	[65]
				30°	0.35171.00	[66]
				36°	0.35172.00	[67]
				40°	0.35173.00	
		radio frequency remote control with laser pointer			0.20015.00	[00]
		possible configuration				0.35050.00 [00]

Accessories
 metal halide lamps / halogen lamps



VARIOS		details	IOS		reference	finish reference
MH IOS MH3	 • ø80 •	interchangeable optical system		12°/14°	0.11305.00	[00]
			IOS MH3	22°/24°	0.11306.00	
		shield finish		74°/78°	0.11307.00	
		00 clear		Mira*	0.11308.00	
MH IOS MH3 FOOD	 • ø80 •	interchangeable optical system with selective filters		12°/14°	0.11305.00	[64]
			IOS MH3	22°/24°	0.11306.00	[65]
		shield finish		74°/78°	0.11307.00	[66]
		64 green 65 light blue 66 orange 67 pink				[67]
MH IOS MH3 UV/IR	 • ø80 •	interchangeable optical system		12°/14°	0.11305.00	[59]
			IOS MH3	22°/24°	0.11306.00	[79]
		shield finish		74°/78°	0.11307.00	[74]
		59 IR - 79 anti UV 74 blue dichroic filter 75 green dichroic filter 76 yellow dichroic filter 77 red dichroic filter				[75] [76] [77]
		radio frequency remote control with laser pointer			0.20015.00	[00]

* elliptical beam

possible configuration	0.11305.00 [00]



VARIOS		details	IOS		reference	finish reference
MH IOS MH5	 • Ø130 •	interchangeable optical system		14°	0.11310.00	[00]
			IOS MH5	22°	0.11311.00	
		shield finish		28°	0.11318.00	
		00 clear		50°	0.11312.00	
				Mira*	0.11313.00	
MH IOS MH5 FOOD	 • Ø130 •	interchangeable optical system with selective filters		14°	0.11310.00	[64]
			IOS MH5	22°	0.11311.00	[65]
		shield finish		28°	0.11318.00	[66]
		64 green 65 light blue 66 orange 67 pink		50°	0.11312.00	[67]
MH IOS MH5 UV/IR	 • Ø130 •	interchangeable optical system		14°	0.11310.00	[59]
			IOS MH5	22°	0.11311.00	[79]
		shield finish		28°	0.11318.00	[74]
		59 IR - 79 anti UV 74 blue dichroic filter 75 green dichroic filter 76 yellow dichroic filter 77 red dichroic filter		50°	0.11312.00	[75] [76] [77]
HALO IOS HL5	 • Ø130 •	interchangeable optical system		16°	0.11310.00	[00]
			IOS MH5	22°	0.11311.00	
		shield finish		28°	0.11318.00	
		00 clear		50°	0.11312.00	
				Mira*	0.11313.00	

HALO IOS HL5 FOOD	 • Ø130 •	interchangeable optical system with selective filters		16°	0.11310.00	[64]
			IOS MH5	22°	0.11311.00	[65]
		shield finish		28°	0.11318.00	[66]
		64 green 65 light blue 66 orange 67 pink		50°	0.11312.00	[67]
HALO IOS HL5 UV/IR	 • Ø130 •	interchangeable optical system		16°	0.11310.00	[59]
			IOS MH5	22°	0.11311.00	[79]
		shield finish		28°	0.11318.00	[74]
		59 IR - 79 anti UV 74 blue dichroic filter 75 green dichroic filter 76 yellow dichroic filter 77 red dichroic filter		50°	0.11312.00	[75] [76] [77]
		radio frequency remote control with laser pointer			0.20015.00	[00]

* elliptical beam

possible configuration	0.11305.00 [00]



Next Home - Shoreham, UK

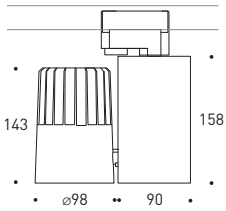
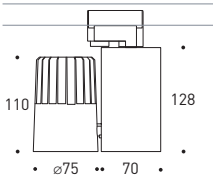


ENVIOS

adjustable projector

design by: **L.A.P.D**

Adjustable projector for 3-circuit track mounting



10 W			1000 lm						
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					
possible configuration					Ø, CB82, 1, HQ, 10				



13 W			1500 lm					
LED	driver reference	product reference	optics reference		lumen reference		finish reference	
			IOS LL2 ▲		nom. lm	K	CRI	
0	DB83	A	11°	HQ	1221	3000	>90	10
		B	15°	WW	1500	3000	>80	21
		C	21°	NN	1661	4000	>80	28
		D	29°					
		E	51°					
		F	Mira					
D								
T								
T			K	without optics				
possible configuration					0, DB83, A, HQ, B1			

22 W			2500 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲	nom. lm	K	CRI		
0	DB85	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					
D*		K	without optics					
possible configuration				0, DB85 A, HQ B1				

* The track-mounted projectors with dimming provision (1-10V DC and Dalí) 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.

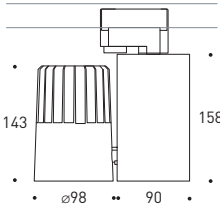
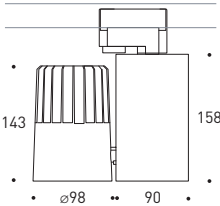


Accessories (pg. 394). Components for track (pg. 548-553).
Photometric data (pg. 702).



Accessories (pg. 394). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709).

Adjustable projector for 3-circuit track mounting



30 W			3500 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	DB87	A	11°	HQ	2944	3000	>90	10
		B	15°	WW	3617	3000	>80	21
V*		C	21°	NN	3798	4000	>80	28
D*		D	29°					
		E	51°					
		F	Mira					
		K	without optics					
possible configuration				Ø, DB87, A, HQ, B, I				

38 W		4000 lm						
LED	driver reference	product reference	optics reference		lumen reference		finish reference	
			IOS LL7 ▲		nom. lm	K	CRI	
Ø	DB88	N	14°	HQ	3578	3000	>90	10
		P	21°	WW	4329	3000	>80	21
V*		Q	30°	NN	4480	4000	>80	28
D*		R	36°					
		S	40°					
		T	69°					
		U	Mira					
		K	without optics					
possible configuration					Ø DB88 A HQ B			

* The track-mounted projectors with dimming provision (1-10V DC and Dalí) require specific adapters and tracks.

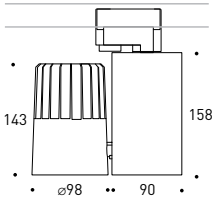
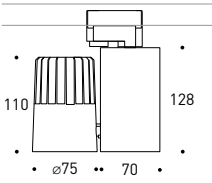
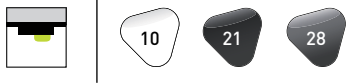


Accessories (pg. 394). Components for track (pg. 548-553).
Photometric data (pg. 712-713).



Accessories (pg. 394). Components for track (pg. 548-553).
Photometric data (pg. 736-737).

Adjustable projector for halogen lamps



HALO		QR-CB GU5.3	lamp with built-in reflector	finish reference
20 / 35 / 50 W - 12V				
Ø.21780.00			/	(10) (21) (28)
possible configuration			Ø.21780.00(10)	

HALO IOS		QT-12 GY6.35	IOS HL2 optics	finish reference
60 W / 12V				
Ø.21761.00			18°	(10)
Ø.21762.00			24°	(21)
Ø.21763.00			30°	(28)
possible configuration			Ø.21761.00(10)	

HALO		HI-SPOT GZ10	lamp with built-in reflector	finish reference
50 W				
Ø.21785.00			/	(10) (21) (28)
possible configuration			Ø.21785.00(10)	

HALO		BRITESPOT GX10	lamp with built-in reflector	finish reference
20 W				
Ø.21790.00			/	(10) (21) (28)
35 W				
Ø.21795.00			/	(10) (21) (28)
possible configuration			Ø.21790.00(10)	

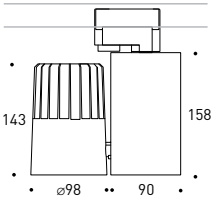


Accessories (pg. 395). Components for track (pg. 548-553).



Accessories (pg. 395). Components for track (pg. 548-553).
Photometric data (pg. 772).

Adjustable projector for metal halide lamps

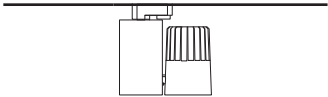


MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
20 W		▲	
	Ø.21701.00	14°	[10]
	Ø.21702.00	34°	[21]
	Ø.21703.00	56°	[28]
	Ø.21704.00	Mira	
35 W			
	Ø.21721.00	14°	[10]
	Ø.21722.00	34°	[21]
	Ø.21723.00	56°	[28]
	Ø.21724.00	Mira	
50 W			
	Ø.50058.00	14°	[10]
	Ø.50059.00	34°	[21]
	Ø.50060.00	56°	[28]
	Ø.50061.00	Mira	
70 W			
	Ø.21741.00	16°	[10]
	Ø.21742.00	34°	[21]
	Ø.21743.00	58°	[28]
	Ø.21744.00	Mira	
possible configuration		Ø.21701.00[10]	



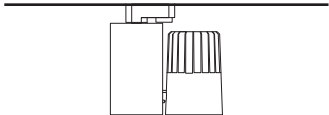
Accessories (pg. 395). Components for track (pg. 548-553).
Photometric data (pg. 767).

Accessories
LED



ENVIOS	details	IOS	▲	reference	finish reference
LED IOS LL1	 • ø50 •	interchangeable optical system		1 15° 0.35005.00	[00]
		shield finish		2 30° 0.35006.00	
		00 clear		3 48° 0.35007.00	
LED IOS LL1 FOOD	 • ø50 •	IOS LL1	15°	0.35005.00	[64]
			30°	0.35006.00	[65]
			48°	0.35007.00	[66]
					[67]
	accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track			0.02289.00	[10]
					[21]
					[28]
possible configuration				0.35005.00	[00]

Accessories
LED



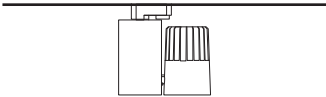
ENVIOS	details	IOS	▲	reference	finish reference
LED IOS LL2	 • ø80 •	interchangeable optical system		A 11° 0.35050.00	[00]
		shield finish		B 15° 0.35049.00	
		00 clear		C 21° 0.35051.00	
				D 29° 0.35052.00	
				E 51° 0.35053.00	
				F Mira* 0.35054.00	
				H W. W. 0.35059.00	
LED IOS LL2 FOOD	 • ø80 •	IOS LL2	11° 0.35050.00	[64]	
			15° 0.35049.00	[65]	
			21° 0.35051.00	[66]	
			29° 0.35052.00	[67]	
			51° 0.35053.00		
LED IOS LL7	 • ø80 •	interchangeable optical system		N 14° 0.35169.00	[00]
		shield finish		P 21° 0.35170.00	
		00 clear		Q 30° 0.35171.00	
				R 36° 0.35172.00	
				S 40° 0.35173.00	
				T 69° 0.35174.00	
				U Mira* 0.35175.00	
LED IOS LL7 FOOD	 • ø80 •	IOS LL2	14° 0.35169.00	[64]	
			21° 0.35170.00	[65]	
			30° 0.35171.00	[66]	
			36° 0.35172.00	[67]	
			40° 0.35173.00		
			69° 0.35174.00		
	anti-glare louvre			0.39498.00	[21]

	accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track			0.02289.00	[10]
					[21]
					[28]

* elliptical beam

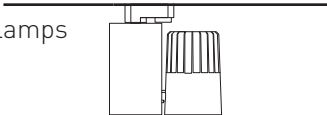
possible configuration				0.35005.00	[00]

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			0.02289.00	10
					21
					28
				possible configuration	

Accessories
metal halide lamps / halogen lamps



ENVIOS		details	IOS		reference	finish reference
 • ø80 •		interchangeable optical system shield finish 00 clear	IOS MH2	14°/16°	0.11300.00	 00
				34°	0.11301.00	
				56°/58°	0.11302.00	
				Mira*	0.11303.00	
 • ø80 •		interchangeable optical system with selective filters shield finish 64 green 65 light blue 66 orange 67 pink	IOS MH2	14°/16°	0.11300.00	 64
				34°	0.11301.00	 65
				56°/58°	0.11302.00	 66
						 67
 • ø80 •		interchangeable optical system shield finish 59 IR - 79 anti UV 74 blue dichroic 75 green dichroic 76 yellow dichroic 77 red dichroic	IOS MH2	14°/16°	0.11300.00	 59
				34°	0.11301.00	 79
				56°/58°	0.11302.00	 74
						 75
						 76
		 77				
 • ø80 •		interchangeable optical system shield finish 00 clear	IOS HL2	18°	0.11300.00	 00
				24°	0.11301.00	
				30°	0.11302.00	
 • ø80 •		interchangeable optical system with selective filters shield finish 64 green 65 light blue 66 orange 67 pink	IOS HL2	18°	0.11300.00	 64
				24°	0.11301.00	 65
				30°	0.11302.00	 66
						 67
 • ø80 •		interchangeable optical system shield finish 59 IR - 79 anti UV 74 blue dichroic 75 green dichroic 76 yellow dichroic 77 red dichroic	IOS HL2	18°	0.11300.00	 59
				24°	0.11301.00	 79
				30°	0.11302.00	 74
						 75
						 76
		 77				
		anti-glare louvre			0.14505.00	 21
		accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track			0.02289.00	 10
						 21
						 28
					possible configuration	

* elliptical beam

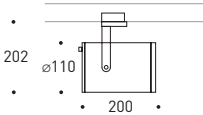
* elliptical beam



ROLL IOS

adjustable projector

Adjustable projector for 3-circuit track mounting



13 W			1500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	BC23	A	11°	HQ	1221	3000	>90	10
		B	15°	WW	1500	3000	>80	21
		C	21°	NN	1661	4000	>80	28
V*		D	29°					
T**		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			finish reference	
			IOS LL2 ▲	nom. lm	K	CRI		
Ø	BC27	A	11°	HQ	2944	3000	>90	10
		B	15°	WW	3617	3000	>80	21
		C	21°	NN	3798	4000	>80	28
V*		D	29°					
		E	51°					
		F	Mira					
		K	without optics					
possible configuration				Ø, BC27, A, HQ, 10				

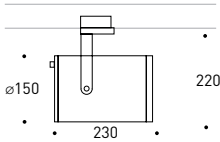
22 W			2500 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	BC25	A	11°	HQ	2038	3000	>90	10
		B	15°	WW	2650	3000	>80	21
		C	21°	NN	2759	4000	>80	28
V*		D	29°					
		E	51°					
		F	Mira					
		K	without optics					
possible configuration				Ø, BC25, A, HQ, 10				

* The track-mounted projectors with dimming provision (1-10V DC and Dalí) 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.



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



13 W			1500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
[Ø]	CC23	[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] CC23 [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]	CC27	[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], CC27, [A], [HQ], [10]			

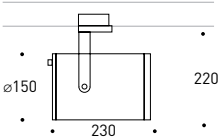
22 W			2500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
[Ø]	CC25	[A]	11°	[HQ]	2038	3000	>90	[10]
		[B]	15°	[WW]	2650	3000	>80	[21]
[V]*		[C]	21°	[NN]	2759	4000	>80	[28]
		[D]	29°					
[D]*		[E]	51°					
		[F]	Mira					
		[K]	without optics					
possible configuration					[Ø] 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.



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



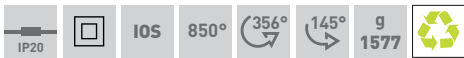
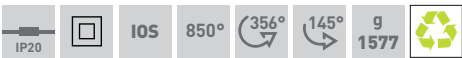
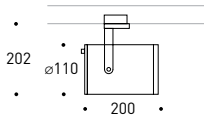
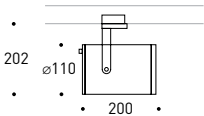
46 W			4500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL7 ▲		nom. lm	K	CRI	
Ø	CC29	N	14°	HQ	4147	3000	>90	10
		P	21°	WW	5017	3000	>80	21
		Q	30°	NN	5196	4000	>84	28
		R	36°					
V*		S	40°					
D*		T	69°					
		U	Mira					
		K	without optics					
possible configuration					Ø CC29 N HQ 10			

* The track-mounted projectors with dimming provision (1-10V DC and Datil) require specific adapters and tracks.



Accessories [pg. 403]. Components for track [pg. 548-553].
Photometric data [pg. 738-739].

Adjustable projector for metal halide lamps and halogen lamps



MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
20 W		▲	
Ø.12251.00		14°	[10]
Ø.12252.00		34°	[21]
Ø.12253.00		56°	[28]
Ø.12254.00		Mira	
35 W			
Ø.12256.00		14°	[10]
Ø.12257.00		34°	[21]
Ø.12258.00		56°	[28]
Ø.12259.00		Mira	
50 W			
Ø.12271.00		14°	[10]
Ø.12272.00		34°	[21]
Ø.12273.00		56°	[28]
Ø.12274.00		Mira	
possible configuration	Ø.12251.00[10]		

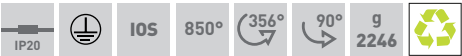
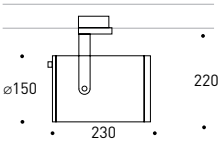
HALO IOS	QT-12 GY6.35	IOS HL2 optics	finish reference
60 W / 12V		▲	
Ø.12261.00		18°	[10]
Ø.12262.00		24°	[21]
Ø.12263.00		30°	[28]
possible configuration	Ø.23411.00[10]		



Accessories (pg. 404). Components for track (pg. 548-553).
Photometric data (pg. 767).

Accessories (pg. 404). Components for track (pg. 548-553).
Photometric data (pg. 772).

Adjustable projector for metal halide lamps



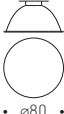
MH IOS	CDM-T G12	IOS MH5 optics	finish reference
20 W			
	Ø.12131.00	14°	(10)
	Ø. 12132.00	22°	(21)
	Ø.12133.00	28°	(28)
	Ø.12134.00	50°	
	Ø.12135.00	Mira	
35 W			
	Ø.12141.00	14°	(10)
	Ø.12142.00	22°	(21)
	Ø.12143.00	28°	(28)
	Ø.12144.00	50°	
	Ø.12145.00	Mira	
50 W			
	Ø.50095.00	14°	(10)
	Ø.50096.00	22°	(21)
	Ø.50097.00	28°	(28)
	Ø.50098.00	50°	
	Ø.50099.00	Mira	
70 W			
	Ø.12151.00	14°	(10)
	Ø.12152.00	22°	(21)
	Ø.12153.00	28°	(28)
	Ø.12154.00	50°	
	Ø.12155.00	Mira	
possible configuration		Ø.12131.00(10)	

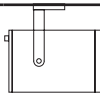


Accessories (pg. 404). Components for track (pg. 548-553).
Photometric data (pg. 771).

Accessories
LED



ROLL IOS	details	IOS		reference	finish reference
LED IOS LL2 	interchangeable optical system shield finish 00 clear	A	11°	0.35050.00	[00]
		B	15°	0.35049.00	
		C	21°	0.35051.00	
		D	29°	0.35052.00	
		E	51°	0.35053.00	
		F	Mira*	0.35054.00	
		H	W. W.	0.35059.00	
LED IOS LL2 FOOD 	interchangeable optical system with selective filters shield finish 64 green 65 light blue 66 orange 67 pink	IOS LL2	11°	0.35050.00	[64]
			15°	0.35049.00	[65]
			21°	0.35051.00	[66]
			29°	0.35052.00	[67]
			51°	0.35053.00	
	honeycomb louvre ø 110 mm			0.38030.00	[21]
	anti-glare shield ø 110 mm			0.38036.00	[21]
	accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track			0.02289.00	[10]
					[21]
					[28]
	barn doors			0.38037.00	[21]
* elliptical beam					
	possible configuration			0.35050.00	[00]



ROLL IOS	details	IOS		reference	finish reference
LED IOS LL2 	interchangeable optical system shield finish 00 clear	A	11°	0.35050.00	[00]
		B	15°	0.35049.00	
		C	21°	0.35051.00	
		D	29°	0.35052.00	
		E	51°	0.35053.00	
		F	Mira*	0.35054.00	
		H	W. W.	0.35059.00	
LED IOS LL2 FOOD 	interchangeable optical system with selective filters shield finish 64 green 65 light blue 66 orange 67 pink	IOS LL2	11°	0.35050.00	[64]
			15°	0.35049.00	[65]
			21°	0.35051.00	[66]
			29°	0.35052.00	[67]
			51°	0.35053.00	
LED IOS LL7 	interchangeable optical system shield finish 00 clear	N	14°	0.35169.00	[00]
		P	21°	0.35170.00	
		Q	30°	0.35171.00	
		R	36°	0.35172.00	
		S	40°	0.35173.00	
		T	69°	0.35174.00	
		U	Mira*	0.35175.00	
LED IOS LL7 FOOD 	interchangeable optical system with selective filters shield finish 64 green 65 light blue 66 orange 67 pink	IOS LL7	14°	0.35169.00	[64]
			21°	0.35170.00	[65]
			30°	0.35171.00	[66]
			36°	0.35172.00	[67]
			40°	0.35173.00	
	accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track			0.02289.00	[10]
					[21]
					[28]
	barn doors			0.38038.00	[21]
* elliptical beam					
	possible configuration			0.35050.00	[00]

Accessories
metal halide lamps



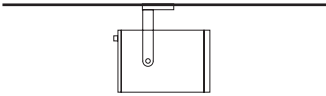
ROLL IOS		details	IOS	▲	reference	finish reference
MH IOS MH2		interchangeable optical system		14°/16°	0.11300.00	00
		shield finish	IOS	34°	0.11301.00	
		00 clear	MH2	56°/58°	0.11302.00	
				Mira*	0.11303.00	
	• ø80 •					
MH IOS MH2 FOOD		interchangeable optical system with selective filters		14°/16°	0.11300.00	64
		shield finish	IOS	34°	0.11301.00	65
		64 green	MH2	56°/58°	0.11302.00	66
		65 light blue				67
		66 orange				
		67 pink				
	• ø80 •					
MH IOS MH2 UV/IR		interchangeable optical system		14°/16°	0.11300.00	59
		shield finish		34°	0.11301.00	79
		59 IR - 79 anti UV	IOS	56°/58°	0.11302.00	74
		74 blue dichroic filter	MH2			75
		75 green dichroic filter				76
		76 yellow dichroic filter				77
		77 red dichroic filter				
	• ø80 •					
HALO IOS HL2		interchangeable optical system		18°	0.11300.00	00
		shield finish	IOS	24°	0.11301.00	
		00 clear	HL2	30°	0.11302.00	
	• ø80 •					
HALO IOS HL2 FOOD		interchangeable optical system with selective filters		18°	0.11300.00	64
		shield finish	IOS	24°	0.11301.00	65
		64 green	HL2	30°	0.11302.00	66
		65 light blue				67
		66 orange				
		67 pink				
	• ø80 •					
HALO IOS HL2 UV/IR		interchangeable optical system		18°	0.11300.00	59
		shield finish		24°	0.11301.00	79
		59 IR - 79 anti UV	IOS	30°	0.11302.00	74
		74 blue dichroic filter	HL2			75
		75 green dichroic filter				76
		76 yellow dichroic filter				77
		77 red dichroic filter				
	• ø80 •					

* elliptical beam

possible configuration	0.11300.00 00

ROLL IOS		details	IOS	▲	reference	finish reference
		honeycomb louvre ø 110 mm			0.38030.00	21
		anti-glare shield ø 110 mm			0.38036.00	21
		accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track			0.02289.00	10
						21
						28
		barn doors			0.38037.00	21
		possible configuration			0.38030.00 00	

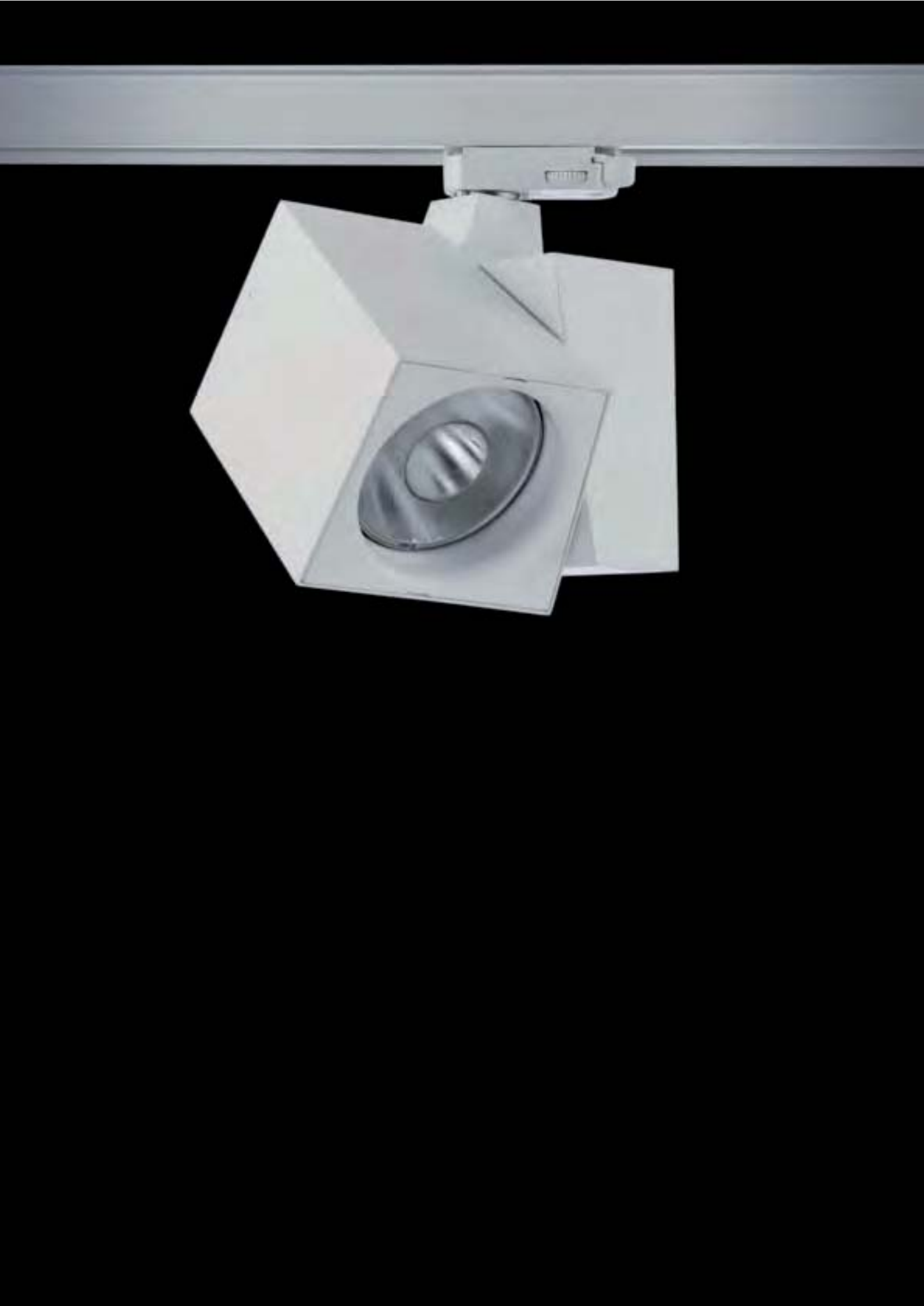
Accessories
metal halide lamps



ROLL IOS	details	IOS MH5	reference	finish reference
MH IOS MH5  • ø130 •	interchangeable optical system shield finish 00 clear	14°	Ø.11310.00	00
		22°	Ø.11311.00	
		28°	Ø.11318.00	
		50°	Ø.11312.00	
		Mira*	Ø.11313.00	
MH IOS MH5 FOOD  • ø130 •	interchangeable optical system with selective filters shield finish 64 green 65 light blue 66 orange 67 pink	14°	Ø.11310.00	64
		22°	Ø.11311.00	65
		28°	Ø.11318.00	66
		50°	Ø.11312.00	67
MH IOS MH5 UV/IR MH IOS MH5  • ø130 •	interchangeable optical system	14°	Ø.11310.00	59
		22°	Ø.11311.00	79
	shield finish 59 IR - 79 anti UV 74 blue dichroic filter 75 green dichroic filter 76 yellow dichroic filter 77 red dichroic filter	28°	Ø.11318.00	74
		50°	Ø.11312.00	75
				76
				77
	anti-glare louvre ø 150 mm		Ø.38035.00	21
	accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track		Ø.02289.00	10
				21
				28
	barn doors		Ø.38038.00	21

* elliptical beam

possible configuration	Ø.11310.00 00



HAKO

adjustable projector

design by: **Setsu & Shinobu Ito**

Adjustable projector for 3-circuit track mounting



13 W		1500 lm						
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	ØD83	A	11°	HQ	1221	3000	>90	B1
		B	15°	WW	1500	3000	>80	28
		C	21°	NN	1661	4000	>80	42
		D	29°					
		E	51°					
V*		F	Mira					
T**		K	without optics					
possible configuration				Ø, ØD83, A, HQ, B1				

30 W			3500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	ØD87	A	11°	HQ	2944	3000	>90	B1
		B	15°	WW	3617	3000	>80	28
		C	21°	NN	3798	4000	>80	42
		D	29°					
		E	51°					
V*		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			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	ØD85	A	11°	HQ	2038	3000	>90	B1
		B	15°	WW	2650	3000	>80	28
		C	21°	NN	2759	4000	>80	42
		D	29°					
		E	51°					
V*		F	Mira					
		K	without optics					
possible configuration					Ø, ØD85A, HQ, B1			

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

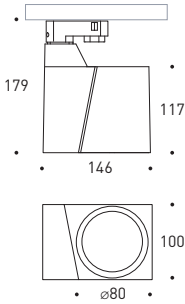
**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.

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.



Accessories (pg. 411). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709 / 712-713).

Adjustable projector for 3-circuit track mounting



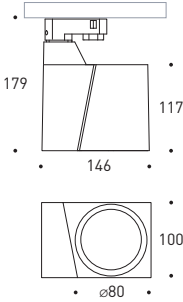
38 W		4000 lm						
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL7 ▲	nom. lm	K	CRI		
[Ø]	ØD88	[N]	14°	[HQ]	3578	3000	>90	[B1]
		[P]	21°	[WW]	4329	3000	>80	[28]
[V]*		[Q]	30°	[NN]	4480	4000	>80	[42]
		[R]	36°					
		[S]	40°					
		[T]	69°					
		[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.



Accessories (pg. 411). Components for track (pg. 548-553).
Photometric data (pg. 736-737).

Adjustable projector for metal halide lamps

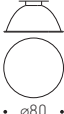
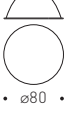
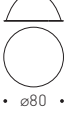
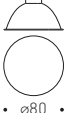


MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
20 W			
	0.29471.00	14°	B1
	0.29472.00	34°	28
	0.29473.00	56°	42
	0.29474.00	Mira	
35 W			
	0.29476.00	14°	B1
	0.29477.00	34°	28
	0.29478.00	56°	42
	0.29479.00	Mira	
50 W			
	0.29481.00	14°	B1
	0.29482.00	34°	28
	0.29483.00	56°	42
	0.29484.00	Mira	
possible configuration		0.29471.00B1	



Accessories (pg. 411). Components for track (pg. 548-553).
Photometric data (pg. 767).

Accessories
LED

HAKO	details	IOS	▲	reference	finish reference
LED IOS LL2 	interchangeable optical system	A	11°	0.35050.00	[00]
		B	15°	0.35049.00	
	shield finish 00 clear	C	21°	0.35051.00	
		D	29°	0.35052.00	
		E	51°	0.35053.00	
		F	Mira*	0.35054.00	
		H	W. W.	0.35059.00	
LED IOS LL2 FOOD 	interchangeable optical system with selective filters		11°	0.35050.00	[64]
			15°	0.35049.00	[65]
	shield finish 64 green 65 light blue 66 orange 67 pink	IOS LL2	21°	0.35051.00	[66]
			29°	0.35052.00	[67]
			51°	0.35053.00	
LED IOS LL7 	interchangeable optical system	N	14°	0.35169.00	[00]
		P	21°	0.35170.00	
	shield finish 00 clear	Q	30°	0.35171.00	
		R	36°	0.35172.00	
		S	40°	0.35173.00	
		T	69°	0.35174.00	
		U	Mira*	0.35175.00	
LED IOS LL7 FOOD 	interchangeable optical system with selective filters		14°	0.35169.00	[64]
			21°	0.35170.00	[65]
	shield finish 64 green 65 light blue 66 orange 67 pink	IOS LL7	30°	0.35171.00	[66]
			36°	0.35172.00	[67]
			40°	0.35173.00	
			69°	0.35174.00	
	anti-glare louvre			0.29501.00	[42]
	accessory for the installation of surface-maounted and recessed projectors with adapter for 3-circuit track			0.02289.00	[10] [21] [28]

* elliptical beam

possible configuration	0.35050.00 [00]

Accessories
metal halide lamps

HAKO	details	IOS	▲	reference	finish reference
MH IOS MH2 	interchangeable optical system		14°/16°	0.11300.00	[00]
			34°	0.11301.00	
	shield finish 00 clear	IOS MH2	56°/58°	0.11302.00	
			Mira*	0.11303.00	
MH IOS MH2 FOOD 	interchangeable optical system with selective filters		14°/16°	0.11300.00	[64]
			34°	0.11301.00	[65]
	shield finish 64 green 65 light blue 66 orange 67 pink	IOS MH2	56°/58°	0.11302.00	[66] [67]
MH IOS MH2 UV/IR 	interchangeable optical system		14°/16°	0.11300.00	[59]
			34°	0.11301.00	[79]
	shield finish 59 IR - 79 anti UV 74 blue dichroic filter 75 green dichroic filter 76 yellow dichroic filter 77 red dichroic filter	IOS MH2	56°/58°	0.11302.00	[74] [75] [76] [77]
	anti-glare louvre			0.29500.00	[42]
	accessory for the installation of surface-maounted and recessed projectors with adapter for 3-circuit track			0.02289.00	[10] [21] [28]

* elliptical beam

possible configuration	0.11300.00 [00]

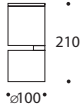
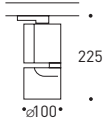
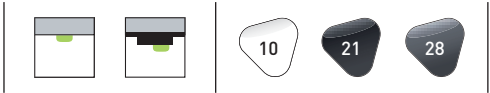


SUN LUCE_SUNIOS

adjustable projector

design by: **Fabio Reggiani**

Adjustable projector for 3-circuit track mounting/surface mounting



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
		C	21°	NN	1661	4000	>80	28
T**		D	29°					
V		E	51°					
		F	Mira					
		K	without optics					
possible configuration				Ø, BB23, A, HQ, 10				

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]
		[C]	21°	[NN]	1661	4000	>80	[28]
[T]**		[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
		C	21°	NN	2759	4000	>80	28
V		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]
		[C]	21°	[NN]	2759	4000	>80	[28]
[V]		[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

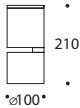
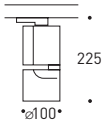
*** With built-in dimmer for luminous intensity adjustment of each single luminaire



Accessories (pg. 417). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709).

Accessories (pg. 417).
Photometric data (pg. 704-705 / 708-709).

Adjustable projector for 3-circuit track mounting/surface mounting



MH IOS	MT OSRAM/GE GU6.5	IOS MH1 optics	finish reference
20 W			
	0.23007.00	14°	[10]
	0.23008.00	28°	[21]
	0.23009.00	50°	[28]
	0.23010.00	Mira	
35 W			
	0.23025.00	14°	[10]
	0.23026.00	28°	[21]
	0.23027.00	50°	[28]
	0.23028.00	Mira	
possible configuration		0.23007.00 [10]	

MH IOS	MT OSRAM/GE GU6.5	IOS MH1 optics	finish reference
20 W			
	0.23001.00	14°	[10]
	0.23002.00	28°	[21]
	0.23003.00	50°	[28]
	0.23004.00	Mira	
35 W			
	0.23019.00	14°	[10]
	0.23020.00	28°	[21]
	0.23021.00	50°	[28]
	0.23022.00	Mira	
possible configuration		0.23001.00 [10]	

MH IOS	MT PHILIPS GU6.5	IOS MH1 optics	finish reference
50 W			
	0.23031.00	14°	[10]
	0.23032.00	28°	[21]
	0.23033.00	54°	[28]
	0.23034.00	Mira	
possible configuration		0.23031.00 [10]	

MH IOS	MT PHILIPS GU6.5	IOS MH1 optics	finish reference
50 W			
	0.23013.00	14°	[10]
	0.23014.00	28°	[21]
	0.23015.00	54°	[28]
	0.23016.00	Mira	
possible configuration		0.23013.00 [10]	

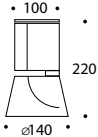
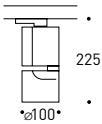
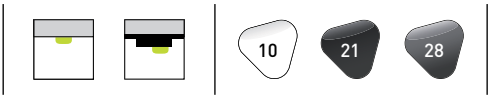


Accessories (pg. 418). Components for track (pg. 548-553). Photometric data (pg. 766).



Accessories (pg. 418). Components for track (pg. 548-553). Photometric data (pg. 766).

Adjustable projector for 3-circuit track mounting/surface mounting



HALO		QR-111 G53	lamp with built-in reflector	finish reference
65 W				
		Ø.23037.00	/	[10]
		*** Ø.23043.00		[21]
				[28]
possible configuration			Ø.23037.00 [10]	

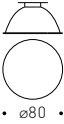
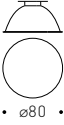
HALO		QR-111 G53	lamp with built-in reflector	finish reference
65 W				
		Ø.23036.00	/	[10]
		*** Ø.23042.00		[21]
				[28]
possible configuration			Ø.23036.00 [10]	

*** 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	A	11°	0.35050.00	00
	shield finish 00 clear	B	15°	0.35049.00	
		C	21°	0.35051.00	
		D	29°	0.35052.00	
		E	51°	0.35053.00	
		F	Mira*	0.35054.00	
		H	W. W.	0.35059.00	
LED IOS LL2 FOOD  • ø80 •	interchangeable optical system with selective filters		11°	0.35050.00	64
	shield finish 64 green 65 light blue 66 orange 67 pink		15°	0.35049.00	65
		IOS LL2	21°	0.35051.00	66
			29°	0.35052.00	67
			51°	0.35053.00	
 1 HOUR	emergency pack including Ni/Cd battery with 1h back-up			0.35087.00	10
					21
					28

	framing projector for square or rectangular light frames	0.35105.00	21

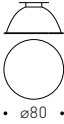
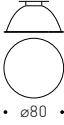
	framing projector for round light	0.35106.00	21

	anti-glare louvre	0.14505.00	21

* elliptical beam

possible configuration	0.35050.00 00



SUN LUCE	details	IOS		reference	finish reference
LED IOS LL2  • ø80 •	interchangeable optical system	A	11°	0.35050.00	00
	shield finish 00 clear	B	15°	0.35049.00	
		C	21°	0.35051.00	
		D	29°	0.35052.00	
		E	51°	0.35053.00	
		F	Mira*	0.35054.00	
		H	W. W.	0.35059.00	
LED IOS LL2 FOOD  • ø80 •	interchangeable optical system with selective filters		11°	0.35050.00	64
	shield finish 64 green 65 light blue 66 orange 67 pink		15°	0.35049.00	65
		IOS LL2	21°	0.35051.00	66
			29°	0.35052.00	67
			51°	0.35053.00	
 1 HOUR	emergency pack including Ni/Cd battery with 1h back-up			0.35087.00	10
					21
					28

	framing projector for square or rectangular light frames	0.35105.00	21

	framing projector for round light	0.35106.00	21

	anti-glare louvre	0.14505.00	21

* elliptical beam

possible configuration	0.35050.00 00

Accessories
halogen lamps / metal halide lamps

SUN LUCE		details	IOS		reference	finish reference
MH IOS MH1	 • ø80 •	interchangeable optical system	IOS MH2	14°	0.23100.00	00
				28°	0.23101.00	
				50°/54°	0.23102.00	
				Mira*	0.23103.00	
MH IOS MH1 FOOD	 • ø80 •	interchangeable optical system with selective filters	IOS MH2	14°	0.23100.00	64
				28°	0.23101.00	65
				50°/54°	0.23102.00	66
						67
MH IOS MH1 UV/IR MH IOS MH1 	 • ø80 •	interchangeable optical system	IOS MH2	14°	0.23100.00	59
				28°	0.23101.00	79
				50°/54°	0.23102.00	74
						75
						76
						77
	anti-glare louvre			0.14505.00	21	

* elliptical beam

possible configuration	0.12345.00	10



Palazzo di Propaganda Fide - Rome, Italy

Adjustable projector for 3-circuit track mounting



13 W			1500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
[Ø]**	B903	[A]	11°	[HQ]	1221	3000	>90	[10]
		[B]	15°	[WW]	1500	3000	>80	[28]
[V]*		[C]	21°	[NN]	1661	4000	>80	[21]
[D]*		[D]	29°					
		[E]	51°					
[T]**		[F]	Mira					
		[K]	without optics					
possible configuration					[Ø] B903 [A] [HQ] [B]			

30 W			3500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
[Ø]**	B907	[A]	11°	[HQ]	2944	3000	>90	[10]
		[B]	15°	[WW]	3617	3000	>80	[28]
[V]*		[C]	21°	[NN]	3798	4000	>80	[21]
[D]*		[D]	29°					
		[E]	51°					
		[F]	Mira					
		[K]	without optics					
possible configuration					[Ø] B907 [A] [HQ] [B]			

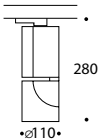
22 W			2500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2	▲	nom. lm	K	CRI	
[Ø]**	B905	[A]	11°	[HQ]	2038	3000	>90	[10]
		[B]	15°	[WW]	2650	3000	>80	[28]
[V]*		[C]	21°	[NN]	2759	4000	>80	[21]
[D]*		[D]	29°					
		[E]	51°					
		[F]	Mira					
		[K]	without optics					
possible configuration					[Ø] B905 [A] [HQ] [B]			

* 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



Accessories [pg. 426]. Components for track [pg. 548-553].
Photometric data [pg. 704-705 / 708-709 / 712-713].

Adjustable projector for 3-circuit track mounting



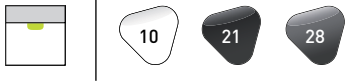
38 W		4000 lm						
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL7 ▲		nom. lm	K	CRI	
[Ø]**	B908	[N]	14°	[HQ]	3578	3000	>90	[10]
		[P]	21°	[WW]	4329	3000	>80	[28]
[V]*		[Q]	30°	[NN]	4480	4000	>80	[21]
[D]*		[R]	36°					
		[S]	40°					
		[T]	69°					
		[U]	Mira					
		[K]	without optics					
possible configuration				[Ø] B908 [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



Accessories (pg. 426). Components for track (pg. 548-553).
Photometric data (pg. 736-737).

Adjustable projector for surface mounting



13 W			1500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
[Ø]**	C903	[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] C903 [A] [HQ] [B]			

30 W			3500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2	▲	nom. lm	K	CRI	
[0]**	C907	[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					[0] C907 [A] [HQ] [B]			

22 W			2500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2	▲	nom. lm	K	CRI	
[Ø]**	C905	[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] C905 [A] [HQ] [B]			

* 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 (on demand).



Accessories [pg. 426].
Photometric data [pg. 704-705 / 708-709 / 712-713].

Adjustable projector for surface mounting



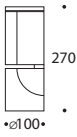
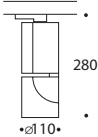
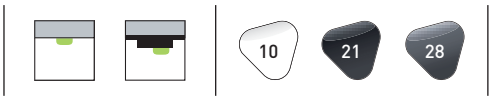
38 W		4000 lm						
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL7 ▲		nom. lm	K	CRI	
[Ø]**	C908	[N]	14°	[HQ]	3578	3000	>90	[10]
		[P]	21°	[WW]	4329	3000	>80	[28]
[V]*		[Q]	30°	[NN]	4480	4000	>80	[21]
[D]*		[R]	36°					
		[S]	40°					
		[T]	69°					
		[U]	Mira					
		[K]	without optics					
possible configuration				[Ø] C908 [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



Accessories (pg. 426).
Photometric data (pg. 736-737).

Adjustable projector for 3-circuit track mounting/surface mounting



MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
20 W			
	0.14016.00	14°	10
	0.14017.00	34°	21
	0.14018.00	56°	28
35 W			
	0.14021.00	14°	10
	0.14022.00	34°	21
	0.14023.00	56°	28
50 W			
	0.50100.00	14°	10
	0.50101.00	34°	21
	0.50102.00	56°	28
70 W			
	0.14026.00	16°	10
	0.14027.00	34°	21
	0.14028.00	58°	28
possible configuration		0.14016.00 10	

MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
20 W			
	0.14031.00	14°	10
	0.14032.00	34°	21
	0.14033.00	56°	28
35 W			
	0.14036.00	14°	10
	0.14037.00	34°	21
	0.14038.00	56°	28
50 W			
	0.50103.00	14°	10
	0.50104.00	34°	21
	0.50105.00	56°	28
70 W			
	0.14041.00	16°	10
	0.14042.00	34°	21
	0.14043.00	58°	28
possible configuration		0.14031.00 10	

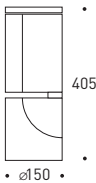
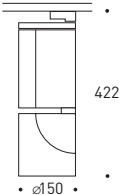


Accessories (pg. 427). Components for track (pg. 548-553). Photometric data (pg. 767).



Accessories (pg. 427). Photometric data (pg. 767).

Adjustable projector for 3-circuit track mounting/surface mounting



MH IOS		CDM-T G12	IOS MH5 optics	finish reference
70 W				
		Ø.14081.00	14°	[10]
		Ø. 14082.00	22°	[21]
		Ø.14084.00	28°	[28]
		Ø.14083.00	50°	
100 W				
		Ø.50106.00	16°	[10]
		Ø.50107.00	22°	[21]
		Ø.50108.00	28°	[28]
		Ø.50109.00	48°	
150 W				
		Ø.14071.EV	14°	[10]
		Ø.14072.EV	22°	[21]
		Ø.14074.EV	28°	[28]
		Ø.14073.EV	48°	
possible configuration			Ø.14081.00 [10]	

MH IOS		CDM-T G12	IOS MH5 optics	finish reference
70 W				
		Ø.14106.00	14°	[10]
		Ø. 14107.00	22°	[21]
		Ø.14109.00	28°	[28]
		Ø.14108.00	50°	
100 W				
		Ø.50110.00	16°	[10]
		Ø.50111.00	22°	[21]
		Ø.50112.00	28°	[28]
		Ø.50113.00	48°	
150 W				
		Ø.14096.EV	14°	[10]
		Ø.14097.EV	22°	[21]
		Ø.14099.EV	28°	[28]
		Ø.14098.EV	48°	
possible configuration			Ø.14106.00 [10]	

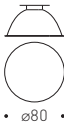
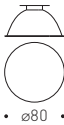


Accessories (pg. 427). Components for track (pg. 548-553).
Photometric data (pg. 771).



Accessories (pg. 427).
Photometric data (pg. 771).

Accessories
LED

SUNIOS	details	IOS		reference	finish reference
LED IOS LL2	 • ø80 •	interchangeable optical system		A 11° 0.35050.00	[00]
		shield finish		B 15° 0.35049.00	
		00 clear		C 21° 0.35051.00	
				D 29° 0.35052.00	
				E 51° 0.35053.00	
				F Mira* 0.35054.00	
				H W. W. 0.35059.00	
LED IOS LL2 FOOD	 • ø80 •	interchangeable optical system with selective filters		11° 0.35050.00	[64]
				15° 0.35049.00	[65]
		IOS LL2	21° 0.35051.00	[66]	
			29° 0.35052.00	[67]	
			51° 0.35053.00		
LED IOS LL7	 • ø80 •	interchangeable optical system		N 14° 0.35169.00	[00]
		shield finish		P 21° 0.35170.00	
		00 clear		Q 30° 0.35171.00	
				R 36° 0.35172.00	
				S 40° 0.35173.00	
				T 69° 0.35174.00	
				U Mira* 0.35175.00	
		LED IOS LL7 FOOD	 • ø80 •	interchangeable optical system with selective filters	
				21° 0.35170.00	[65]
IOS LL7	30° 0.35171.00			[66]	
	36° 0.35172.00			[67]	
	40° 0.35173.00				
	69° 0.35174.00				
* elliptical beam					
possible configuration				0.35050.00 [00]	

Accessories
metal halide lamps

SUNIOS		details	IOS		reference	finish reference
MH IOS MH2		interchangeable optical system shield finish 00 clear	IOS MH2	14°/16°	0.11300.00	00
				34°	0.11301.00	
				56°/58°	0.11302.00	
				• ø80 •		
MH IOS MH2 FOOD		interchangeable optical system with selective filters shield finish 64 green 65 light blue 66 orange 67 pink	IOS MH2	14°/16°	0.11300.00	64
				34°	0.11301.00	65
				56°/58°	0.11302.00	66
				• ø80 •		
MH IOS MH2 UV/IR		interchangeable optical system shield finish 59 IR - 79 anti UV 74 blue dichroic filter 75 green dichroic filter 76 yellow dichroic filter 77 red dichroic filter	IOS MH2	14°/16°	0.11300.00	59
				34°	0.11301.00	79
				56°/58°	0.11302.00	74
				• ø80 •		
		anti-glare louvre ø 100 mm			0.14505.00	21
		accessory for side entry of cables, to use when the power system has external cables			0.14140.00	10
						21
						28
possible configuration						0.11300.00 10

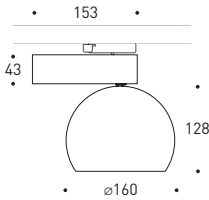
SUNIOS		details	IOS		reference	finish reference
MH IOS MH5		interchangeable optical system shield finish 00 clear	IOS MH5	14°/16°	0.11310.00	00
				22°	0.11311.00	
				28°	0.11318.00	
				48°/50°	0.11312.00	
• ø130 •						
MH IOS MH5 FOOD		interchangeable optical system with selective filters shield finish 64 green 65 light blue 66 orange 67 pink	IOS MH5	14°/16°	0.11310.00	64
				22°	0.11311.00	65
				28°	0.11318.00	66
				48°/50°	0.11312.00	67
• ø130 •						
MH IOS MH5 UV/IR		interchangeable optical system shield finish 59 IR - 79 anti UV 74 blue dichroic filter 75 green dichroic filter 76 yellow dichroic filter 77 red dichroic filter	IOS MH5	14°/16°	0.11310.00	59
				22°	0.11311.00	79
				28°	0.11318.00	74
				48°/50°	0.11312.00	75
• ø130 •						
		anti-glare louvre ø 150 mm			0.14605.00	21
		accessory for side entry of cables, to use when the power system has external cables			0.14141.00	10
						21
						28
						possible configuration
						0.11310.00 10



IONE

adjustable projector

Adjustable projector for 3-circuit track mounting



13 W		1500 lm						
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲	nom. lm	K	CRI		
Ø	CB93	A	11°	HQ	1221	3000	>90	10
		B	15°	WW	1500	3000	>80	21
		C	21°	NN	1661	4000	>80	28
		D	29°					
		E	51°					
D*			F	Mira				
T**			K	without optics				
possible configuration				Ø, CB93, 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	CB97	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°					
V*		F	Mira					
D*		K	without optics					
possible configuration					Ø, CB97, A, HQ, 10			

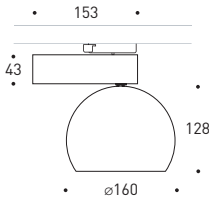
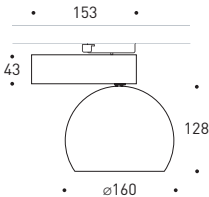
22 W			2500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	CB95	A	11°	HQ	2038	3000	>90	10
		B	15°	WW	2650	3000	>80	21
		C	21°	NN	2759	4000	>80	28
		D	29°					
		E	51°					
V*		F	Mira					
D*		K	without optics					
possible configuration					Ø, CB95, A, HQ, 10			

* The track-mounted projectors with dimming provision (1-10V DC and Dalí) 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.



Accessories (pg. 433). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709 / 712-713).

Adjustable projector for metal halide lamps and halogen lamps



MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
20 W			
	0.20301.00	14°	[10]
	0.20302.00	34°	[21]
	0.20303.00	56°	[28]
	0.20304.00	Mira	
35 W			
	0.20311.00	14°	[10]
	0.20312.00	34°	[21]
	0.20313.00	56°	[28]
	0.20314.00	Mira	
50 W			
	0.50091.00	14°	[10]
	0.50092.00	34°	[21]
	0.50093.00	56°	[28]
	0.50094.00	Mira	
70 W			
	0.20321.00	16°	[10]
	0.20322.00	34°	[21]
	0.20323.00	58°	[28]
	0.20324.00	Mira	
possible configuration		0.20301.00 [10]	

HALO IOS	QT-12 GY6.35	IOS HL2 optics	finish reference
60 W / 12V			
	0.20331.00	18°	[10]
	0.20332.00	24°	[21]
	0.20333.00	30°	[28]
possible configuration		0.20331.00 [10]	



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



HALO		QR-111 G53	lamp with built-in reflector	finish reference
65 W				
		0.20340.00	/	10
				21
				28
		possible configuration		
		0.20340.00 10		

HALO		CDM-R111 GX8.5	lamp with built-in reflector	finish reference
20 W				
		0.20351.00	/	10
				21
				28
35 W				
		0.20352.00	/	10
				21
				28
70 W				
		0.20353.00	/	10
				21
				28
		possible configuration		
		0.20351.00 10		

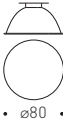


Accessories (pg. 433). Components for track (pg. 548-553).



Accessories (pg. 433). Components for track (pg. 548-553).

Accessories
LED

IONE	details	IOS		reference	finish reference	
LED IOS LL2	 • ø80 •	interchangeable optical system				
		A	11°	0.35050.00		
		B	15°	0.35049.00		
		C	21°	0.35051.00		
		D	29°	0.35052.00		
		E	51°	0.35053.00		
		F	Mira*	0.35054.00		
H	W. W.	0.35059.00				
LED IOS LL2 FOOD	 • ø80 •	interchangeable optical system with selective filters				
		IOS LL2	11°	0.35050.00		
			15°	0.35049.00		
			21°	0.35051.00		
			29°	0.35052.00		
			51°	0.35053.00		
	accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track					
						
						
* elliptical beam						
possible configuration				0.35050.00		

Accessories
metal halide lamps / halogen lamps

IONE	details	IOS		reference	finish reference	
MH IOS MH2	 • ø80 •	interchangeable optical system				
		IOS MH2	14°/16°	0.11300.00	[00]	
			34°	0.11301.00		
			56°/58°	0.11302.00		
			Mira*	0.11303.00		
MH IOS MH2 FOOD	 • ø80 •	interchangeable optical system with selective filters				
		IOS MH2	14°/16°	0.11300.00	[64]	
			34°	0.11301.00	[65]	
			56°/58°	0.11302.00	[66]	
					[67]	
MH IOS MH2 UV/IR	 • ø80 •	interchangeable optical system				
		IOS MH2	14°/16°	0.11300.00	[59]	
			34°	0.11301.00	[79]	
			56°/58°	0.11302.00	[74]	
					[75]	
MH IOS MH2	 • ø80 •	shield finish				
		IOS MH2	59	IR - 79	anti UV	[76]
			74	blue dichroic filter		[75]
			75	green dichroic filter		[76]
			76	yellow dichroic filter		[77]
HALO IOS HL2	 • ø80 •	interchangeable optical system				
		IOS HL2	18°	0.11300.00	[00]	
			24°	0.11301.00		
			30°	0.11302.00		
		shield finish				
HALO IOS HL2 FOOD	 • ø80 •	interchangeable optical system with selective filters				
		IOS HL2	18°	0.11300.00	[64]	
			24°	0.11301.00	[65]	
			30°	0.11302.00	[66]	
					[67]	
HALO IOS HL2 UV/IR	 • ø80 •	interchangeable optical system				
		IOS HL2	18°	0.11300.00	[59]	
			24°	0.11301.00	[79]	
			30°	0.11302.00	[74]	
					[75]	
HALO IOS HL2	 • ø80 •	shield finish				
		IOS HL2	59	IR - 79	anti UV	[76]
			74	blue dichroic filter		[75]
			75	green dichroic filter		[76]
			76	yellow dichroic filter		[77]
	accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track			0.02289.00	[10]	
					[21]	
					[28]	
* elliptical beam						
possible configuration				0.11300.00 [00]		

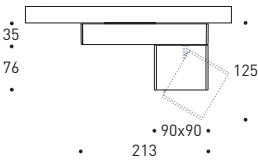
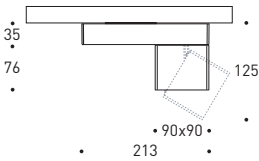


CUBIOS

adjustable projector

design by: **Fabio Reggiani**

Adjustable projector for 3-circuit track mounting



22 W			2500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
[Ø]	BC15	IOS LL2 ▲		nom. lm	K	CRI		
		[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]			



38 W			4000 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
Ø	BC18	IOS LL7 ▲	nom. lm	K	CRI			
		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			

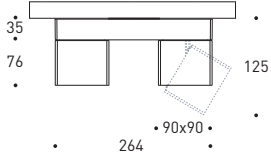
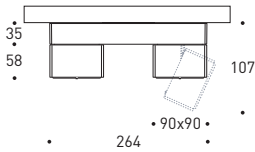
30 W			3500 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
LED	BC17	IOS LL2 ▲			nom. lm	K	CRI		
			A	11°	HQ	2944	3000	>90	10
			B	15°	WW	3617	3000	>80	21
			C	21°	NN	3798	4000	>80	28
			D	29°					
			E	51°					
			F	Mira					
			K	without optics					
possible configuration					LED, BC17, A, HQ, 10				



Accessories (pg. 439). Components for track (pg. 548-553).
Photometric data (pg. 736-737).

Accessories (pg. 439). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709).

Adjustable projector for 3-circuit track mounting



2x13 W

2x1500 lm

LED	driver reference	product reference	optics reference	lumen reference			finish reference
Ø	CC1R	IOS LL2 ▲		nom. lm	K	CRI	
			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			



2x13 W

2x1500 lm

LED	driver reference	product reference	optics reference	lumen reference			finish reference	
Ø	DC1R	IOS LL2 ▲		nom. lm	K	CRI		
			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				

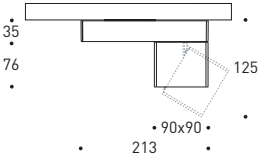
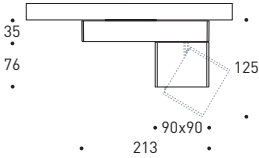


Accessories (pg. 439). Components for track (pg. 548-553).
Photometric data (pg. 704-705).



Accessories (pg. 439). Components for track (pg. 548-553).
Photometric data (pg. 704-705).

Adjustable projector for metal halide lamps and halogen lamps



MH IOS		CDM-TC G8.5	IOS MH2 optics	finish reference
20 W				
		Ø.22201.00	14°	[10]
		Ø.22202.00	34°	[21]
		Ø.22203.00	56°	[28]
		Ø.22204.00	Mira	
35 W				
		Ø.22211.00	14°	[10]
		Ø.22212.00	34°	[21]
		Ø.22213.00	56°	[28]
		Ø.22214.00	Mira	
50 W				
		Ø.22231.00	14°	[10]
		Ø.22232.00	34°	[21]
		Ø.22233.00	56°	[28]
		Ø.22234.00	Mira	
possible configuration		Ø.22201.00 [10]		

HALO IOS		QT-12 GY6.35	IOS HL2 optics	finish reference
50 W / 12V				
		Ø.22221.00	18°	[10]
		Ø.22222.00	24°	[21]
		Ø.22223.00	30°	[28]
possible configuration		Ø.22221.00 [10]		



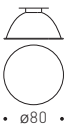
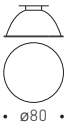
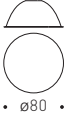
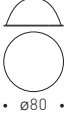
Accessories (pg. 439). Components for track (pg. 548-553).
Photometric data (pg. 767).



Accessories (pg. 439). Components for track (pg. 548-553).
Photometric data (pg. 772).

Accessories

LED

CUBIOS	details	IOS	▲	reference	finish reference
LED IOS LL2 	interchangeable optical system	A	11°	0.35050.00	[00]
	shield finish 00 clear	B	15°	0.35049.00	
		C	21°	0.35051.00	
		D	29°	0.35052.00	
		E	51°	0.35053.00	
		F	Mira*	0.35054.00	
		H	W. W.	0.35059.00	
LED IOS LL2 FOOD 	interchangeable optical system with selective filters		11°	0.35050.00	[64]
	shield finish 64 green 65 light blue 66 orange 67 pink		15°	0.35049.00	[65]
		IOS LL2	21°	0.35051.00	[66]
			29°	0.35052.00	[67]
			51°	0.35053.00	
LED IOS LL7 	interchangeable optical system	N	14°	0.35169.00	[00]
	shield finish 00 clear	P	21°	0.35170.00	
		Q	30°	0.35171.00	
		R	36°	0.35172.00	
		S	40°	0.35173.00	
		T	69°	0.35174.00	
		U	Mira*	0.35175.00	
			14°	0.35169.00	[64]
LED IOS LL7 FOOD 	interchangeable optical system with selective filters		21°	0.35170.00	[65]
	shield finish 64 green 65 light blue 66 orange 67 pink	IOS LL7	30°	0.35171.00	[66]
			36°	0.35172.00	[67]
			40°	0.35173.00	
			69°	0.35174.00	
	emergency pack for LED luminaires including Ni/Cd battery with 1h back-up			0.35087.00	[10] [21] [28]
	accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track			0.02289.00	[10] [21] [28]

* elliptical beam

possible configuration

0.35050.00 [00]

Accessories

metal halide lamps / halogen lamps

CUBIOS	details	IOS	▲	reference	finish reference
MH IOS MH2 	interchangeable optical system		14°/16°	0.11300.00	[00]
	shield finish 00 clear	IOS MH2	34°	0.11301.00	
			56°/58°	0.11302.00	
			Mira*	0.11303.00	
MH IOS MH2 FOOD 	interchangeable optical system with selective filters		14°/16°	0.11300.00	[64]
	shield finish 64 green 65 light blue 66 orange 67 pink	IOS MH2	34°	0.11301.00	[65]
			56°/58°	0.11302.00	[66]
					[67]
MH IOS MH2 UV/IR 	interchangeable optical system		14°/16°	0.11300.00	[59]
	shield finish 59 IR - 79 anti UV 74 blue dichroic filter 75 green dichroic filter 76 yellow dichroic filter 77 red dichroic filter	IOS MH2	34°	0.11301.00	[79]
			56°/58°	0.11302.00	[74]
					[75]
					[76] [77]
HALO IOS HL2 	interchangeable optical system		18°	0.11300.00	[00]
	shield finish 00 clear	IOS HL2	24°	0.11301.00	
			30°	0.11302.00	
HALO IOS HL2 FOOD 	interchangeable optical system with selective filters		18°	0.11300.00	[64]
	shield finish 64 green 65 light blue 66 orange 67 pink	IOS HL2	24°	0.11301.00	[65]
			30°	0.11302.00	[66] [67]
HALO IOS HL2 UV/IR 	interchangeable optical system		18°	0.11300.00	[59]
	shield finish 59 IR - 79 anti UV 74 blue dichroic filter 75 green dichroic filter 76 yellow dichroic filter 77 red dichroic filter	IOS HL2	24°	0.11301.00	[79]
			30°	0.11302.00	[74]
					[75] [76] [77]
	accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track			0.02289.00	[10] [21] [28]

* elliptical beam

possible configuration

0.11300.00 [00]

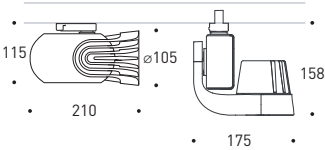


KYNEO

adjustable projector

design by: **MOMO**Design

Adjustable projector for 3-circuit track mounting



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
		B	15°	WW	1500	3000	>80	E7
		C	21°	NN	1661	4000	>80	E8
		D	29°					
		E	51°					
		F	Mira					
V*								
D*								
T**			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
		B	15°	WW	3617	3000	>80	E7
		C	21°	NN	3798	4000	>80	E8
		D	29°					
		E	51°					
		F	Mira					
V*								
D*			K	without optics				
possible configuration					Ø, ØC37, A, HQ, E6			

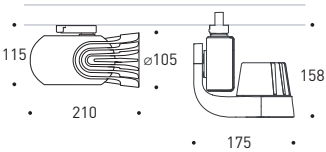
22 W			2500 lm					
LED	driver reference	product reference	optics reference	driver reference			finish reference	
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	ØC35	A	11°	HQ	2038	3000	>90	E6
		B	15°	WW	2650	3000	>80	E7
		C	21°	NN	2759	4000	>80	E8
		D	29°					
		E	51°					
		F	Mira					
V*								
D*								
			K	without optics				
possible configuration				Ø, ØC35A, HQE6				

* The track-mounted projectors with dimming provision (1-10V DC and Dalí) 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.



Accessories (pg. 447). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709 / 712-713).

Adjustable projector for 3-circuit track mounting



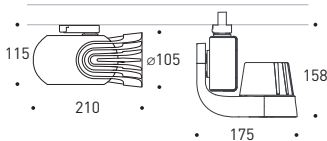
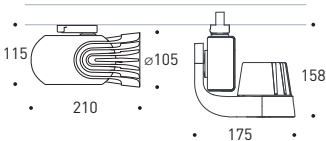
38 W			4000 lm					
LED	driver reference	product reference	optics reference	driver reference			finish reference	
			IOS LL7 ▲	nom. lm	K	CRI		
Ø	ØC38	N	14°	HQ	3578	3000	>90	E6
		P	21°	WW	4329	3000	>80	E7
V*		Q	30°	NN	4480	4000	>80	E8
D*		R	36°					
		S	40°					
		T	69°					
		U	Mira					
		K	without optics					
possible configuration				Ø, ØC38A, HQ, E6				

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.



Accessories (pg. 447). 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		▲	
	0.23501.00	14°	E6
	0.23502.00	34°	E7
	0.23503.00	56°	E8
	0.23504.00	Mira	
35 W			
	0.23506.00	14°	E6
	0.23507.00	34°	E7
	0.23508.00	56°	E8
	0.23509.00	Mira	
50 W			
	0.50062.00	14°	E6
	0.50063.00	34°	E7
	0.50064.00	56°	E8
	0.50065.00	Mira	
70 W			
	0.23511.00	16°	E6
	0.23512.00	34°	E7
	0.23513.00	58°	E8
	0.23514.00	Mira	
possible configuration		0.23501.00 E6	

MH IOS	CDM-T G12	IOS MH3 optics	finish reference
20 W		▲	
	0.23551.00	12°	E6
	0.23552.00	24°	E7
	0.23553.00	74°	E8
	0.23554.00	Mira	
35 W			
	0.23556.00	12°	E6
	0.23557.00	22°	E7
	0.23558.00	74°	E8
	0.23559.00	Mira	
50 W			
	0.50066.00	12°	E6
	0.50067.00	24°	E7
	0.50068.00	74°	E8
	0.50069.00	Mira	
70 W			
	0.23561.00	14°	E6
	0.23562.00	24°	E7
	0.23563.00	78°	E8
	0.23564.00	Mira	
possible configuration		0.23551.00 E6	

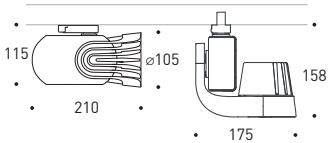


Accessories (pg. 447). Components for track (pg. 548-553).
Photometric data (pg. 767).



Accessories (pg. 447). Components for track (pg. 548-553).
Photometric data (pg. 768).

Adjustable projector for halogen lamps



IP20

IOS

850°

356°

120°

9

1316

HALO IOS		QT-12 GY6.5	IOS HL2 optics	finish reference
50 W / 12 V				
		Ø.237Ø1.00	18°	[E6]
		Ø. 237Ø2.00	24°	[E7]
		Ø.237Ø3.00	30°	[E8]
possible configuration		Ø.237Ø1.00 [E6]		

HALO
IOS
HL2

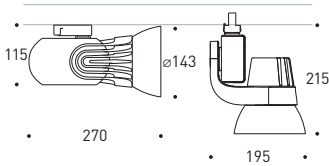
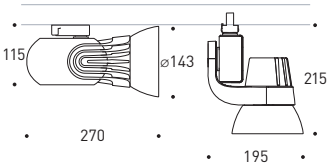
HALO
IOS HL2
FOOD

HALO
IOS HL2
UV/IR

HALO
IOS HL2
RGB

Accessories (pg. 448). Components for track (pg. 548-553).
Photometric data (pg. 772).

Adjustable projector for metal halide lamps and halogen lamps



MH IOS	CDM-T G12	IOS MH5 optics	finish reference
20 W			
	0.23601.00	14°	E6
	0.23602.00	22°	E7
	0.23603.00	28°	E8
	0.23604.00	50°	
	0.23605.00	Mira	
35 W			
	0.23611.00	14°	E6
	0.23612.00	22°	E7
	0.23613.00	28°	E8
	0.23614.00	50°	
	0.23615.00	Mira	
50 W			
	0.50070.00	14°	E6
	0.50072.00	22°	E7
	0.50073.00	28°	E8
	0.50074.00	50°	
	0.50075.00	Mira	
70 W			
	0.23621.00	14°	E6
	0.23622.00	22°	E7
	0.23623.00	28°	E8
	0.23624.00	50°	
	0.23625.00	Mira	
possible configuration		0.23601.00 E6	

HALO IOS	QT-14 G9	IOS HL5 optics	finish reference
60 W			
	0.23751.00	8°	E6
	0.23752.00	11°	E7
	0.23753.00	25°	E8
possible configuration		0.23751.00 E6	

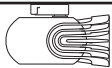


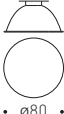
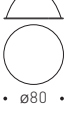
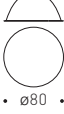
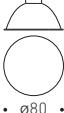
Accessories (pg. 448). Components for track (pg. 548-553). Photometric data (pg. 770-771).



Accessories (pg. 448). Components for track (pg. 548-553). Photometric data (pg. 773).

Accessories
LED



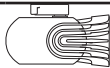
KYNEO	details	IOS	▲	reference	finish reference
LED IOS LL2	 • ø80 •	interchangeable optical system			
		A	11°	0.35050.00	[00]
		B	15°	0.35049.00	
		C	21°	0.35051.00	
		D	29°	0.35052.00	
		E	51°	0.35053.00	
		F	Mira*	0.35054.00	
		H	W. W.	0.35059.00	
LED IOS LL2 FOOD	 • ø80 •	interchangeable optical system with selective filters			
			11°	0.35050.00	[64]
			15°	0.35049.00	[65]
		IOS LL2	21°	0.35051.00	[66]
			29°	0.35052.00	[67]
			51°	0.35053.00	
LED IOS LL7	 • ø80 •	interchangeable optical system			
		N	14°	0.35169.00	[00]
		P	21°	0.35170.00	
		Q	30°	0.35171.00	
		R	36°	0.35172.00	
		S	40°	0.35173.00	
		T	69°	0.35174.00	
		U	Mira*	0.35175.00	
		IOS LL7	14°	0.35169.00	[64]
			21°	0.35170.00	[65]
LED IOS LL7 FOOD	 • ø80 •	interchangeable optical system with selective filters			
			21°	0.35170.00	[65]
			30°	0.35171.00	[66]
			36°	0.35172.00	[67]
			40°	0.35173.00	
		accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track			
				0.02289.00	[10]
					[21]
					[28]

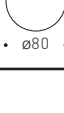
* elliptical beam

possible configuration

0.35050.00 [00]

Accessories
metal halide lamps



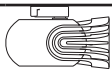
KYNEO	details	IOS	▲	reference	finish reference
MH IOS MH2	 • ø80 •	interchangeable optical system			
			14°/16°	0.11300.00	[00]
		IOS MH2	34°	0.11301.00	
			56°/58°	0.11302.00	
MH IOS MH2 FOOD	 • ø80 •	interchangeable optical system with selective filters			
			14°/16°	0.11300.00	[64]
		IOS MH2	34°	0.11301.00	[65]
			56°/58°	0.11302.00	[66]
MH IOS MH2 UV/IR	 • ø80 •	interchangeable optical system			
			14°/16°	0.11300.00	[59]
		IOS MH2	34°	0.11301.00	[79]
			56°/58°	0.11302.00	[74]
MH IOS MH2	 • ø80 •	shield finish			
			59 IR- 79 anti UV		[75]
			74 blue dichroic filter		[76]
			75 green dichroic filter		[77]
MH IOS MH3	 • ø80 •	interchangeable optical system			
			12°/14°	0.11305.00	[00]
		IOS MH3	22°/24°	0.11306.00	
			74°/78°	0.11307.00	
MH IOS MH3 FOOD	 • ø80 •	interchangeable optical system with selective filters			
			12°/14°	0.11305.00	[64]
		IOS MH3	22°/24°	0.11306.00	[65]
			74°/78°	0.11307.00	[66]
MH IOS MH3 UV/IR	 • ø80 •	interchangeable optical system			
			12°/14°	0.11305.00	[59]
		IOS MH3	22°/24°	0.11306.00	[79]
			74°/78°	0.11307.00	[74]
MH IOS MH3	 • ø80 •	shield finish			
			59 IR- 79 anti UV		[75]
			74 blue dichroic filter		[76]
			75 green dichroic filter		[77]
		accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track			
				0.02289.00	[10]
					[21]
					[28]

* elliptical beam

possible configuration

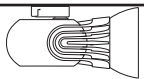
0.11300.00 [00]

Accessories
halogena lamps



KYNEO		details	IOS MH5	▲	reference	finish reference
HALO IOS HL2		interchangeable optical system	IOS HL2	18°	0.11300.00	00
				24°	0.11301.00	
				30°	0.11302.00	
	• ø80 •					
HALO IOS HL2 FOOD		interchangeable optical system with selective filters	IOS HL2	18°	0.11300.00	64
				24°	0.11301.00	65
				30°	0.11302.00	66
						67
	• ø80 •					
HALO IOS HL2 UV/IR		interchangeable optical system	IOS HL2	18°	0.11300.00	59
24°				0.11301.00	79	
30°				0.11302.00	74	
					75	
					76	
HALO IOS HL2						77
	• ø80 •					
		accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track			0.02289.00	10
						21
						28
possible configuration						0.11310.00 00

Accessories
metal halide lamps / halogen lamps



KYNEO	details	IOS MH5	▲	reference	finish reference		
MH IOS MH5	 • ø130 •	interchangeable optical system		14°	0.11310.00	00	
		IOS MH5	shield finish		22°	0.11311.00	
			00 clear		28°	0.11318.00	
					50°	0.11312.00	
			Mira*		0.11313.00		
MH IOS MH5 FOOD	 • ø130 •	interchangeable optical system with selective filters		14°	0.11310.00	64	
		IOS MH5	shield finish		22°	0.11311.00	65
			64 green		28°	0.11318.00	66
			65 light blue		50°	0.11312.00	67
			66 orange				
67 pink							
MH IOS MH5 UV/IR	 • ø130 •	interchangeable optical system		14°	0.11310.00	59	
		IOS MH5	shield finish		22°	0.11311.00	79
			59 IR - 79 anti UV		28°	0.11318.00	74
			74 blue dichroic filter		50°	0.11312.00	75
			75 green dichroic filter				76
76 yellow dichroic filter				77			
77 red dichroic filter							
HALO IOS HL5	 • ø130 •	interchangeable optical system		14°	0.11310.00	00	
		IOS MH5	shield finish		22°	0.11311.00	
			00 clear		28°	0.11318.00	
					50°	0.11312.00	
			Mira*		0.11313.00		
HALO IOS HL5 FOOD	 • ø130 •	interchangeable optical system with selective filters		14°	0.11310.00	64	
		IOS MH5	shield finish		22°	0.11311.00	65
			64 green		28°	0.11318.00	66
			65 light blue		50°	0.11312.00	67
			66 orange				
67 pink							
HALO IOS HL5 UV/IR	 • ø130 •	interchangeable optical system		14°	0.11310.00	59	
		IOS MH5	shield finish		22°	0.11311.00	79
			59 IR - 79 anti UV		28°	0.11318.00	74
			74 blue dichroic filter		50°	0.11312.00	75
			75 green dichroic filter				76
76 yellow dichroic filter				77			
77 red dichroic filter							
	accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track			0.02289.00	10		
					21		
					28		
				possible configuration		0.11310.00 00	

* elliptical beam

* elliptical beam



MomoDesign showroom - Milan, Italy



TOBULED

adjustable projector

design by: **Fabio Reggiani**

Adjustable projector for mounting on SELV track



7 W				810 lm			
LED	driver reference	product reference	beam width	lumen reference			finish reference
Ø	BE110	13°	▲	nom. lm K CRI			E9
				HW	633	2700 >90	
				HQ	650	3000 >90	
				WW	810	3000 >80	
				NN	860	4000 >80	

Ø	CE110	14°	nom. lm K CRI			E9
			HW	633	2700 >90	
			HQ	650	3000 >90	
			WW	810	3000 >80	
			NN	860	4000 >80	

Ø	DE110	28°	nom. lm K CRI			E9
			HW	633	2700 >90	
			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			finish reference	
Ø	FE110	36°		nom. lm	K	CRI	E9	
				HW	633	2700		>90
				HQ	650	3000		>90
				WW	810	3000		>80
				NN	860	4000		>80

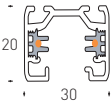
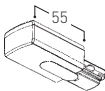
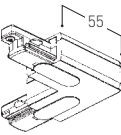
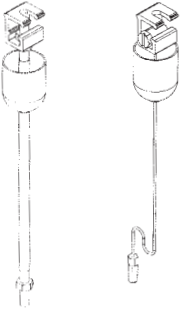
Ø	GE110	68°	nom. lm K CRI			E9
			HW	633	2700 >90	
			HQ	650	3000 >90	
			WW	810	3000 >80	
			NN	860	4000 >80	

Ø	HE110	86°	nom. lm K CRI			E9
			HW	633	2700 >90	
			HQ	650	3000 >90	
			WW	810	3000 >80	
			NN	860	4000 >80	

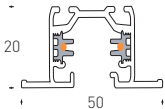
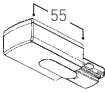
possible configuration		Ø BE110 HQ E9				

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 the installation of projectors on SELV surface-mounted track

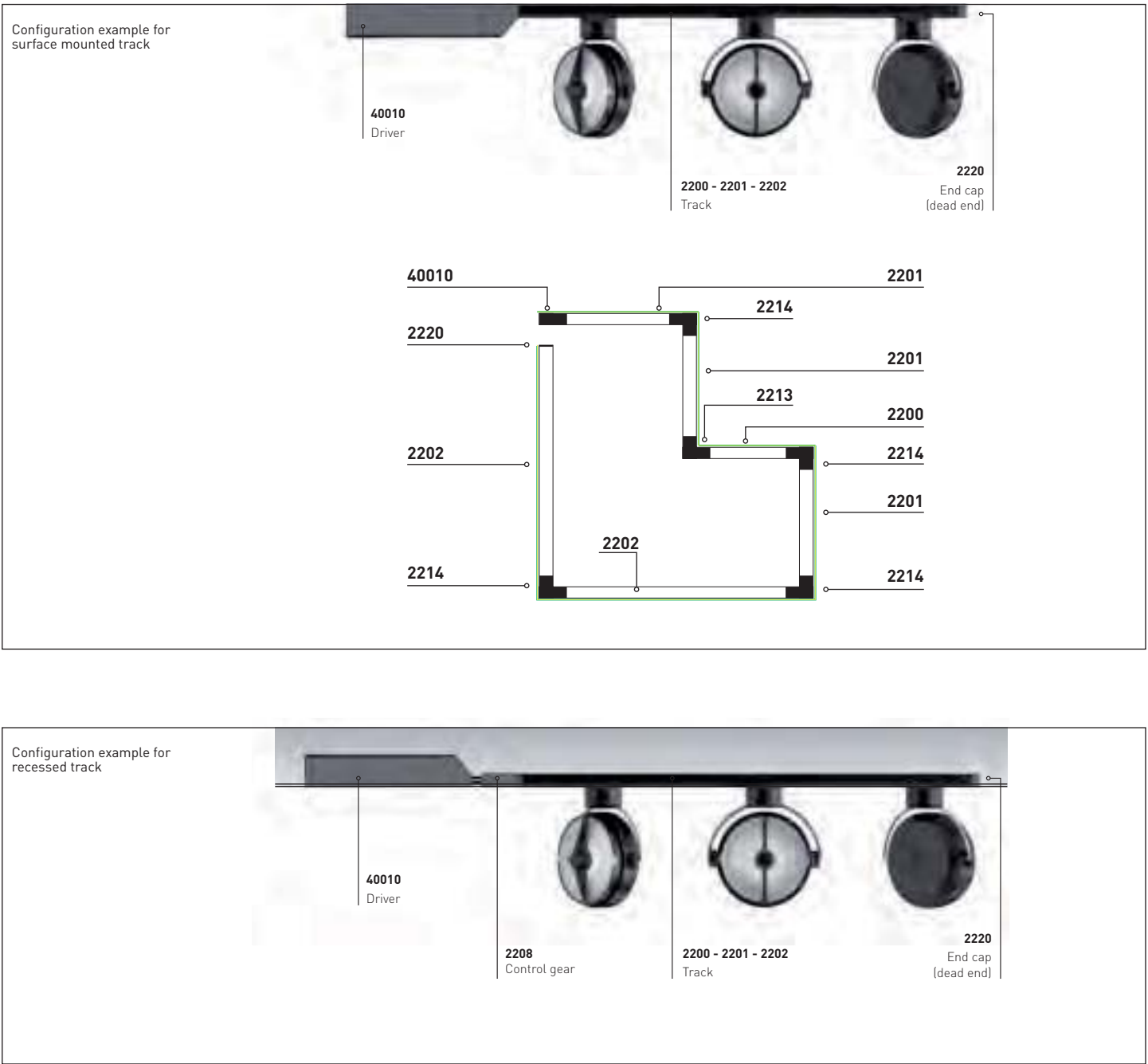
TOBULED	details	l/mm	reference	finish reference	possible configuration
 	surface-mounted 1-circuit track, 1-circuit, IP20 [37vcc /4a].	2000	0.02200.00	10	0.02200.00 10
	TobuLed projectors that are coupled with 40010/40011 drivers are guaranteed correct power supply extending to a maximum of 10 m.	3000	0.02201.00	21	
		4000	0.02202.00	30	
	driver with live end		0.40010.00	10	0.40010.00 10
	150 watt (37 vcc) max 20 TobuLed projectors			21	
	live end (left) *		0.02208.00	10	0.02208.00 10
				21	
	live end, mirror image (right) *		0.02209.00	10	0.02209.00 10
				21	
	90° elbow earth inside		0.02213.00	10	0.02213.00 10
				21	
	90° elbow earth outside		0.02214.00	10	0.02214.00 10
				21	
	height adjusting sleeve		0.02225.00	30	0.02225.00 30
	rod suspension set length 1000 mm		0.02223.00	10	0.02223.00 10
				21	
	steel wire suspension set length 1500 mm		0.02224.00	10	0.02223.00 10
				21	
	straight connector		0.02211.00	10	0.02211.00 10
				21	
	end cap (dead end)		0.02220.00	10	0.02220.00 10
				21	

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).	2000	0.02205.00	10	0.02205.00 10
		TobuLed projectors that are coupled with 40010/40011 drivers are guaranteed correct power supply extending to a maximum of 10 m.	3000	0.02206.00	21	
			4000	0.02207.00	30	
		driver with live end		0.40010.00	10	0.40010.00 10
		150 watt (37 vcc) max 20 TobuLed projectors			21	
		live end (left) *		0.02208.00	10	0.02208.00 10
					21	
		live end, mirror image (right) *		0.02209.00	10	0.02209.00 10
					21	
		straight connector		0.02211.00	10	0.02211.00 10
					21	

* To use if the driver is
positioned in the
false ceiling or for remote
use (maximum distance
between driver and
TobuLed projector 10 m)

Configuration example

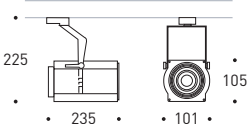




ZEROZEROUNO

adjustable projector

Adjustable projector for 3-circuit track mounting



13 W		1500 lm							
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
			IOS LL2 ▲		nom. lm	K	CRI		
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			finish reference	
			IOS LL2	▲	nom. lm	K	CRI		
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				

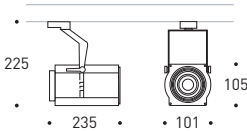
22 W			2500 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
			IOS LL2	▲	nom. lm	K	CRI		
Ø	B535		A	11°	HQ	2038	3000	>90	10
		B	15°	WW	2650	3000	>80	21	
V*			C	21°	NN	2759	4000	>80	28
		D	29°						
		E	51°						
		F	Mira						
		K	without optics						
possible configuration					Ø, B535, A, HQ, 10				

* The track-mounted projectors with dimming provision (1-10V DC and Dalí) 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.



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



46 W		4500 lm						
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL7 ▲		nom. lm	K	CRI	
Ø	B539	N	14°	HQ	4147	3000	>90	10
		P	21°	WW	5017	3000	>80	21
V*		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.



Accessories (pg. 467). Components for track (pg. 548-553).
Photometric data (pg. 738-739).

Adjustable projector for surface mounting



13 W			1500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
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			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
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				

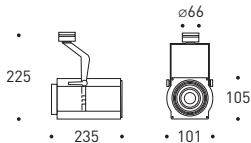
22 W			2500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	C535	A	11°	HQ	2038	3000	>90	10
		B	15°	WW	2650	3000	>80	21
V*		C	21°	NN	2759	4000	>80	28
		D	29°					
		E	51°					
		F	Mira					
		K	without optics					
possible configuration					Ø, C535, A, HQ, 10			

* The track-mounted projectors with dimming provision (1-10V DC and Dalí) 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.



Accessories (pg. 467).
Photometric data (pg. 704-705 / 708-709 / 712-713).

Adjustable projector for surface mounting



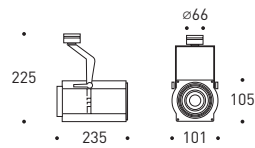
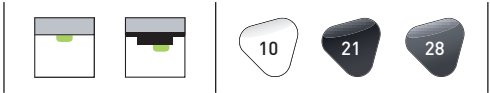
46 W		4500 lm						
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL7 ▲	nom. lm	K	CRI		
[Ø]	C539	[N]	14°	[HQ]	4147	3000	>90	[10]
		[P]	21°	[WW]	5017	3000	>80	[21]
[V]*		[Q]	30°	[NN]	5196	4000	>80	[28]
		[R]	36°					
		[S]	40°					
		[T]	69°					
		[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.



Accessories (pg. 467).
Photometric data (pg. 738-739).

Adjustable projector for metal halide lamps

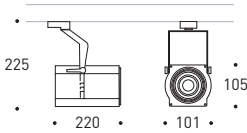
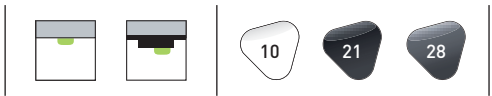


MH		CDM-TC G8.5	beam width	finish reference
35 W				
0.02740.000			62°	[10]
				[21]
				[28]
possible configuration			0.02740.000[10]	



Accessories (pg. 467).

Adjustable projector for halogen lamps

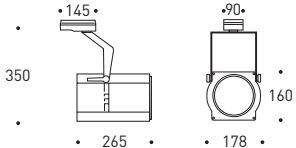
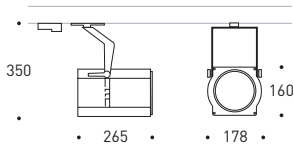
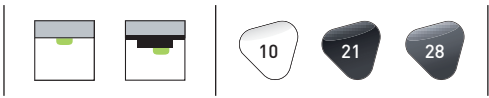


HALO		QR-CB GU5.3	lamp with built-in reflector	finish reference
20 / 35 / 50 W - 12V		▲		
Ø.02726.EV		/		[10]
				[21]
				[28]
possible configuration		Ø.21785.EV[10]		



Accessories (pg. 467). Components for track (pg. 548-553).

Adjustable projector for low voltage metal halide lamps and halogen lamps



MH		CDM-T G12	adjustable symmetric beam	finish reference
70 W			▲	
		Ø.02826.EV	34° - 64°	10 21 28
150 W				
		Ø.02827.EV	36° - 70°	10 21 28
possible configuration			Ø.02826.EV ₁₀	

MH		CDM-T G12	adjustable symmetric beam	finish reference
70 W			▲	
		Ø.02846.EV	34° - 64°	10 21 28
150 W				
		Ø.02747.EV	36° - 70°	10 21 28
possible configuration			Ø.02846.EV ₁₀	

MH		CDM-T G12	adjustable asymmetric beam	finish reference
70 W			▲	
		Ø.02822.EV	γ= 14° - 20°	10 21 28
150 W				
		Ø.02823.EV	γ= 16° - 22°	10 21 28
possible configuration			Ø.02822.EV ₁₀	

MH		CDM-T G12	adjustable asymmetric beam	finish reference
70 W			▲	
		Ø.02844.EV	γ= 14° - 20°	10 21 28
150 W				
		Ø.02845.EV	γ= 16° - 22°	10 21 28
possible configuration			Ø.02822.EV ₁₀	

HALO		QT-DE R7s	adjustable symmetric beam	finish reference
120 W			▲	
		Ø.02824.EV	γ= 14° - 20°	10 21 28
possible configuration			Ø.02824.EV ₁₀	

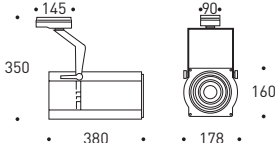
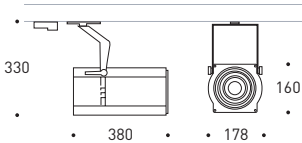
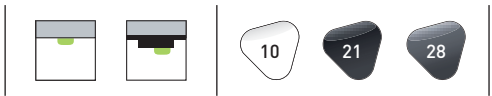


Accessories (pg. 467). Components for track (pg. 548-553).



Accessories (pg. 467).

Adjustable projector for metal halide lamps



MH		CDM-T G12	adjustable symmetric beam	finish reference
70 W				
Ø.02828.EV			20° - 70°	[10] [21] [28]
possible configuration			Ø.02828.EV[10]	

MH		CDM-T G12	adjustable symmetric beam	finish reference
70 W				
Ø.02848.EV			20° - 70°	[10] [21] [28]
possible configuration			Ø.02848.EV[10]	

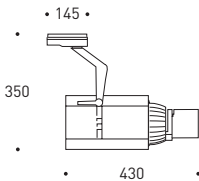
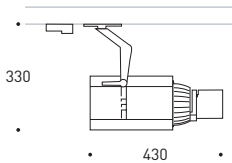
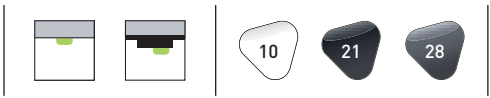


Accessories (pg. 467). Components for track (pg. 548-553).



Accessories (pg. 467).

Adjustable projector with framing projectors for metal halide lamps

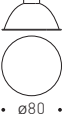
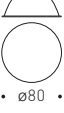
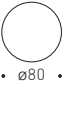
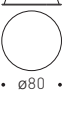


MH		CDM-T G12		finish reference
70 W			▲	
		Ø.02862.EV	/	[10] [21] [28]
150 W				
		Ø.02863.EV	/	[10] [21] [28]
possible configuration			Ø.02862.EV[10]	

MH		CDM-T G12		finish reference
70 W			▲	
		Ø.02864.EV	/	[10] [21] [28]
150 W				
		Ø.02865.EV	/	[10] [21] [28]
possible configuration			Ø.02864.EV[10]	

Accessories
LED



ZEROZEROUNO SMALL	details	IOS		reference	finish reference
LED IOS LL2  • ø80 •	interchangeable optical system	A	11°	0.35050.00	[00]
	shield finish 00 clear	B	15°	0.35049.00	
		C	21°	0.35051.00	
		D	29°	0.35052.00	
		E	51°	0.35053.00	
		F	Mira*	0.35054.00	
		H	W. W.	0.35059.00	
LED IOS LL2 FOOD  • ø80 •	interchangeable optical system with selective filters		11°	0.35050.00	[64]
	shield finish 64 green 65 light blue 66 orange 67 pink		15°	0.35049.00	[65]
		IOS LL2	21°	0.35051.00	[66]
			29°	0.35052.00	[67]
			51°	0.35053.00	
LED IOS LL7  • ø80 •	interchangeable optical system	N	14°	0.35169.00	[00]
	shield finish 00 clear	P	21°	0.35170.00	
		Q	30°	0.35171.00	
		R	36°	0.35172.00	
		S	40°	0.35173.00	
		T	69°	0.35174.00	
		U	Mira*	0.35175.00	
LED IOS LL7 FOOD  • ø80 •	interchangeable optical system with selective filters		14°	0.35169.00	[64]
	shield finish 64 green 65 light blue 66 orange 67 pink		21°	0.35170.00	[65]
		IOS LL7	30°	0.35171.00	[66]
			36°	0.35172.00	[67]
			40°	0.35173.00	
 45°	anti-glare louvre			0.39999.00	[21]

* fascio ellittico

possible configuration	0.35005.00 [00]

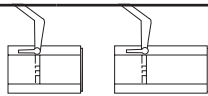
Accessories
halogen lamps /
metal halide lamps



ZEROZEROUNO SMALL	details		reference	finish reference
	dichroic filters		0.06945.00	[74]
	shield finish		0.06945.00	[75]
	74 blue		0.06945.00	[76]
	75 green		0.06945.00	[77]
	76 yellow		0.06945.00	
	77 red			

 45°	anti-glare louvre	0.39999.00	[21]

possible configuration	0.06945.00 [74]



ZEROZEROUNO	details		reference	finish reference
	dichroic filters		0.02498.00	[74]
	shield finish		0.02498.00	[75]
	74 blue		0.02498.00	[76]
	75 green		0.02498.00	[77]
	76 yellow		0.02498.00	
	77 red			

possible configuration	0.02498.00 [74]

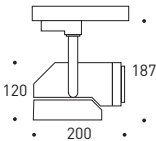
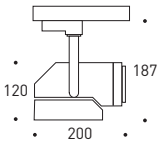


BINK

adjustable projector

design by: **Promoluce**

Adjustable projector for metal halide lamps
and halogen lamps



1x35W				
MH		CDM-TC (G8.5) HF control gear	beam width	finish reference
			▲	
			22°	[10]
			62°	[21]
				[28]

1x50W				
MH		CDM-TC (G8.5) HF control gear	beam width	finish reference
			▲	
			22°	[10]
			62°	[21]
				[28]

1x70W				
MH		CDM-TC (G8.5) HF control gear	beam width	finish reference
			▲	
			22°	[10]
			62°	[21]
				[28]
possible configuration			0.02796.EV[10]	



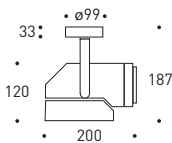
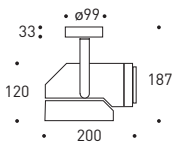
1x20/35/50W - 12V				
HALO		QR-CB (GU5.3) HPF control gear		finish reference
			▲	
				[10]
				[21]
				[28]
possible configuration			0.02762.EV[10]	



Accessories (pg. 475). Components for track (pg. 548-553).

Components for track (pg. 548-553).

Adjustable projector for metal halide lamps and halogen lamps



1x35W			
MH		beam width	finish reference
	CDM-TC (G8.5) HF control gear		
		22°	[10]
		62°	[21]
			[28]

1x20/35/50W - 12V			
HALO		lamp with built-in reflector	finish reference
	QR-CB (GU5.3) HPF control gear		
		-	[10]
			[21]
			[28]
possible configuration		0.02759.EV [10]	

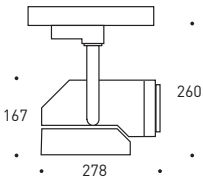
1x50W			
MH		beam width	finish reference
	CDM-TC (G8.5) HF control gear		
		22°	[10]
		62°	[21]
			[28]

1x70W			
MH		beam width	finish reference
	CDM-TC (G8.5) HF control gear		
		22°	[10]
		62°	[21]
			[28]
possible configuration		0.02792.EV [10]	



Accessories (pg. 475).

Adjustable projector for metal halide lamps



1x35W				
MH		CDM-TC (G8.5) HF control gear	beam width	finish reference
			▲	
		Ø.02777.00	12°	[10]
		Ø.02778.00	42°	[21] [28]

1x50W				
MH		CDM-TC (G8.5) HF control gear	beam width	finish reference
			▲	
		Ø.50278.00	12°	[10]
		Ø.50279.00	42°	[21] [28]

1x70W				
MH		CDM-TC (G8.5) HF control gear	beam width	finish reference
			▲	
		Ø.02781.00	12°	[10]
		Ø.02782.00	42°	[21] [28]
possible configuration			Ø.02777.00[10]	

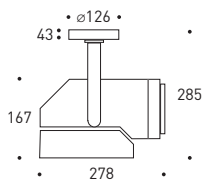
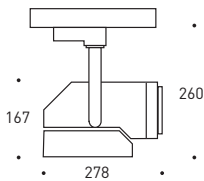
1x35W				
MH		CDM-TC (G8.5) HPF control gear	beam width	finish reference
			▲	
		Ø.02765.EV	18°	[10]
		Ø.02766.EV	32°	[21] [28]

1x50W				
MH		CDM-TC (G8.5) HPF control gear	beam width	finish reference
			▲	
		Ø.02769.EV	20°	[10]
		Ø.02770.EV	54°	[21] [28]
possible configuration			Ø.02765.EV[10]	



Accessories (pg. 475). Components for track (pg. 548-553).

Adjustable projector for halogen lamps
and metal halide lamps



1x65W - 12V

HALO		QR-111 (G53) HPF control gear	lamp with built-in reflector	finish reference
				10
				21
				28
possible configuration			0.02765.EV10	



1x35W

MH		CDM-TC (G8.5) HF control gear	beam width	finish reference
			12°	10
			42°	21
				28

1x50W

MH		CDM-TC (G8.5) HF control gear	beam width	finish reference
			12°	10
			42°	21
				28

1x70W

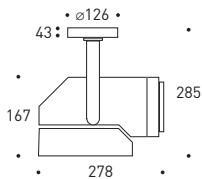
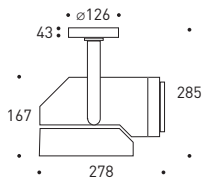
MH		CDM-TC (G8.5) HF control gear	beam width	finish reference
			12°	10
			42°	21
				28
possible configuration			0.02779.0010	



Accessories (pg. 475).

Components for track (pg. 548-553).

Adjustable projector for metal halide lamps and halogen lamps



1x35W

MH		CDM-C [G12] HPF control gear	beam width	finish reference
			▲	
		Ø.02767.EV	18°	[10]
		Ø.02768.EV	32°	[21] [28]

1x50W

MH		CDM-C [G12] HPF control gear	beam width	finish reference
			▲	
		Ø.02771.EV	20°	[10]
		Ø.02772.EV	54°	[21] [28]
		possible configuration	Ø.02767.EV	[10]



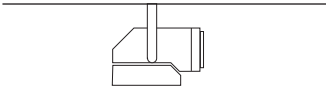
1x65W - 12V

HALO		QR-111 [G53] HPF control gear	lamp with built-in reflector	finish reference
			▲	
		Ø.02786.EV	/	[10] [21] [28]
		possible configuration	Ø.02786.EV	[10]



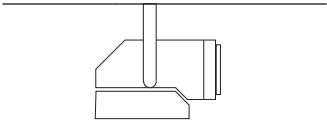
Accessories (pg. 475).

Accessories
halogen lamps



BINK	details	reference	finish reference
	selective filters	0.02764.00	65
	shield finish	0.02764.00	66
	65 light blue	0.02764.00	67
	66 red		
	67 pink		
possible configuration		0.02764.00	65

Accessories
metal halide lamps



BINK	details	reference	finish reference
	selective filters	0.02791.00	65
	shield finish	0.02791.00	66
	65 light blue	0.02791.00	67
	66 red		
	67 pink		
	fresnel lens	0.02763.00	00
possible configuration		0.02791.00	65

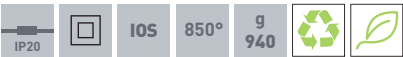
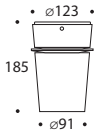


UNISIO

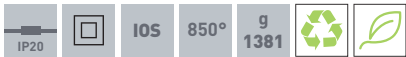
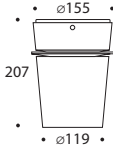
fixed projector

design by: **Fabio Reggiani**

Fixed projector for surface mounting



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
		2	30°	HQ	873	3000	>90	21
		3	48°	WW	1044	3000	>80	28
		K	without optics	NN	1166	4000	>80	
V*								
D*								
T**								
possible configuration					Ø, D882, 1, HQ, 10			



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]
		[B]	15°	[HQ]	1221	3000	>90	[21]
		[C]	21°	[WW]	1500	3000	>80	[28]
		[D]	29°	[NN]	1661	4000	>80	
[V]*		[E]	51°					
[D]*		[F]	Mira					
[T]**		[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]
		[B]	15°	[HQ]	2038	3000	>90	[21]
		[C]	21°	[WW]	2650	3000	>80	[28]
		[D]	29°	[NN]	2759	4000	>80	
[V]*		[E]	51°					
[D]*		[F]	Mira					
		[K]	without optics					
possible configuration					[Ø] D885 [A] [HQ] [10]			

* The track-mounted projectors with dimming provision (1-10V DC and Dalí) 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.

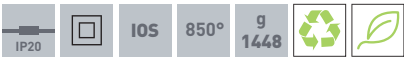
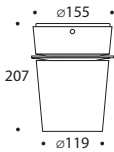


Accessories (pg. 484).
Photometric data (pg. 702).



Accessories (pg. 484).
Photometric data (pg. 704-705 / 708-709).

Fixed projector for surface mounting



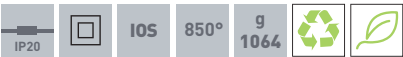
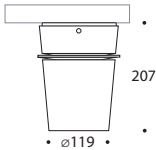
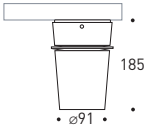
30 W			3500 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	D887	A	11°	HW	2767	2700	>90	10
		B	15°	HQ	2944	3000	>90	21
		C	21°	WW	3617	3000	>80	28
V*		D	29°	NN	3798	4000	>80	
D*		E	51°					
		F	Mira					
		K	without optics					
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.

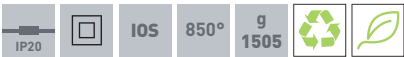


Accessories (pg. 484).
Photometric data (pg. 712-713).

Fixed projector for 3-circuit track mounting



10 W		1000 lm				
LED	driver reference	product reference	optics reference	lumen reference		
			IOS LL1 ▲	nom. lm	K	CRI
[Ø]	F882		[1] 15°	[HW]	803	2700 >90
			[2] 30°	[HQ]	873	3000 >90
			[3] 48°	[WW]	1044	3000 >80
			[K] without optics	[NN]	1166	4000 >80
[V]*						
[D]*						
[T]**						
possible configuration				[Ø]-F882-[1]-[HQ]-[10]		



13 W		1500 lm				
LED	driver reference	product reference	optics reference	lumen reference		
			IOS LL2 ▲	nom. lm	K	CRI
[Ø]	F883		[A] 11°	[HW]	1148	2700 >90
			[B] 15°	[HQ]	1221	3000 >90
			[C] 21°	[WW]	1500	3000 >80
			[D] 29°	[NN]	1661	4000 >80
[V]*			[E] 51°			
[D]*			[F] Mira			
[T]**			[K] without optics			
possible configuration				[Ø]-F883-[A]-[HQ]-[10]		

22 W		2500 lm				
LED	driver reference	product reference	optics reference	lumen reference		
			IOS LL2 ▲	nom. lm	K	CRI
[Ø]	F885		[A] 11°	[HW]	1916	2700 >90
			[B] 15°	[HQ]	2038	3000 >90
			[C] 21°	[WW]	2650	3000 >80
			[D] 29°	[NN]	2759	4000 >80
[V]*			[E] 51°			
[D]*			[F] Mira			
			[K] without optics			
possible configuration				[Ø]-F885-[A]-[HQ]-[10]		

* The track-mounted projectors with dimming provision (1-10V DC and Dalí) 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.

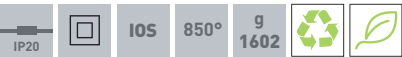
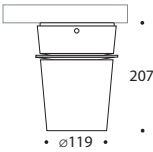


Accessories (pg. 484). Components for track (pg. 548-553).
Photometric data (pg. 702).



Accessories (pg. 484). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709).

Fixed projector for 3-circuit track mounting

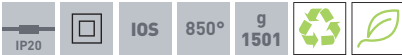
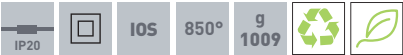
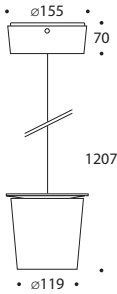
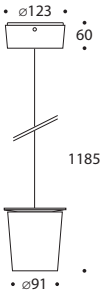


30 W			3500 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲	nom. lm	K	CRI		
Ø	F887	A	11°	HW	2767	2700	>90	10
		B	15°	HQ	2944	3000	>90	21
		C	21°	WW	3617	3000	>80	28
		D	29°	NN	3798	4000	>80	
V*		E	51°					
D*		F	Mira					
		K	without optics					
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.



Fixed suspended projector for surface mounting



10 W		1000 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference
			IOS LL1 ▲	nom. lm	K	CRI	
[Ø]	G882	[1]	15°	[HW]	803	2700 >90	[10]
		[2]	30°	[HQ]	873	3000 >90	[21]
		[3]	48°	[WW]	1044	3000 >80	[28]
		[K]	without optics	[NN]	1166	4000 >80	
[V]							
[D]							
[T]							
possible configuration				[Ø]-G882-[1]-[HQ]-[10]			

13 W		1500 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference
			IOS LL2 ▲	nom. lm	K	CRI	
[Ø]	G883	[A]	11°	[HW]	1148	2700 >90	[10]
		[B]	15°	[HQ]	1221	3000 >90	[21]
		[C]	21°	[WW]	1500	3000 >80	[28]
		[D]	29°	[NN]	1661	4000 >80	
[V]							
[D]							
[T]							
possible configuration				[Ø]-G883-[A]-[HQ]-[10]			

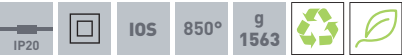
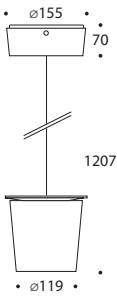


Accessories (pg. 484).
Photometric data (pg. 702).



Accessories (pg. 484).
Photometric data (pg. 704-705).

Fixed suspended projector for surface mounting



22 W		2500 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2	▲	nom. lm	K	CRI	
Ø	G885	A	11°	HW	1916	2700	>90	10
		B	15°	HQ	2038	3000	>90	21
		C	21°	WW	2650	3000	>80	28
V		D	29°	NN	2759	4000	>80	
D		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			finish reference	
€			IOS LL2	▲	nom. lm	K	CRI		
	Ø	G887	A	11°	HW	2767	2700	>90	10
			B	15°	HQ	2944	3000	>90	21
	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

Accessories (pg. 484).
Photometric data (pg. 708-709).

LED
IOS
LL2

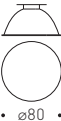
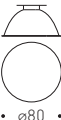
Accessories (pg. 484).
Photometric data (pg. 712-713).

Accessories
LED



UNISIO	details	IOS	▲	reference	finish reference
LED IOS LL1	 • ø50 •	interchangeable optical system			
		1	15°	0.35005.00	00
		2	30°	0.35006.00	
		3	48°	0.35007.00	
LED IOS LL1 FOOD	 • ø50 •	interchangeable optical system with selective filters			
		IOS LL1	15°	0.35005.00	64
			30°	0.35006.00	65
			48°	0.35007.00	66
					67
possible configuration				0.35005.00	00



UNISIO		details	IOS	▲	reference	finish reference
LED IOS LL2		interchangeable optical system	A	11°	0.35050.00	00
		shield finish 00 clear	B	15°	0.35049.00	
			C	21°	0.35051.00	
			D	29°	0.35052.00	
			E	51°	0.35053.00	
			F	Mira*	0.35054.00	
			H	W. W.	0.35059.00	
LED IOS LL2 FOOD		interchangeable optical system with selective filters	IOS LL2	11°	0.35050.00	64
				15°	0.35049.00	65
				21°	0.35051.00	66
				29°	0.35052.00	67
				51°	0.35053.00	
				possible configuration		

* elliptical beam

* elliptical beam



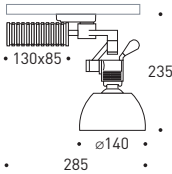
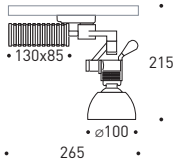
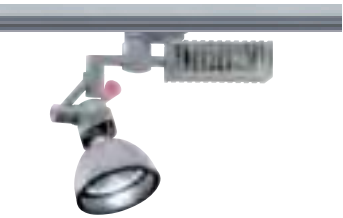


AMBAR

adjustable projector

design by: **Rogers Stirk Harbour + Partners**

Adjustable projector for 3-circuit track mounting



MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
20 W			
	0.20545.00	14°	[28]
	0.20546.00	34°	
	0.20547.00	56°	
35 W			
	0.20550.00	14°	[28]
	0.20551.00	34°	
	0.20552.00	56°	
50 W			
	0.50174.00	14°	[28]
	0.50175.00	34°	
	0.50176.00	56°	
70 W			
	0.20555.00	16°	[28]
	0.20556.00	34°	
	0.20557.00	58°	
possible configuration		0.20545.00 [28]	

MH IOS	CDM-T G12	IOS MH5 optics	finish reference
20 W			
	0.20720.00	14°	[28]
	0.20721.00	22°	
	0.20723.00	28°	
	0.20722.00	50°	
35 W			
	0.20725.00	14°	[28]
	0.20726.00	22°	
	0.20728.00	28°	
	0.20727.00	50°	
50 W			
	0.50184.00	14°	[28]
	0.50185.00	22°	
	0.50186.00	28°	
	0.50187.00	50°	
70 W			
	0.20730.00	14°	[28]
	0.20731.00	22°	
	0.20733.00	28°	
	0.20732.00	50°	
possible configuration		0.20720.00 [28]	

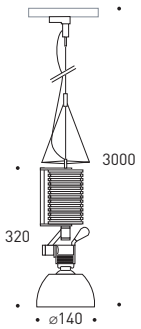
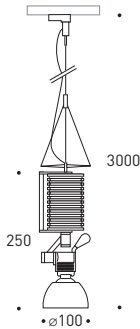
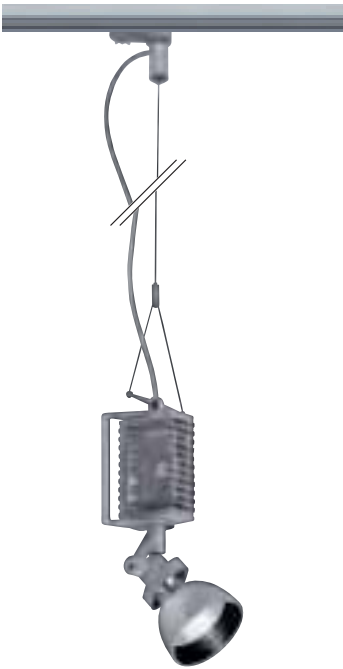


Accessories (pg. 491). Components for track (pg. 548-553).
Photometric data (pg. 767).



Accessories (pg. 491). Components for track (pg. 548-553).
Photometric data (pg. 770-771).

Adjustable pendant projector for 3-circuit track mounting



MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
20 W			
	0.20585.00	14°	[28]
	0.20586.00	34°	
	0.20587.00	56°	
35 W			
	0.20590.00	14°	[28]
	0.20591.00	34°	
	0.20592.00	56°	
50 W			
	0.50177.00	14°	[28]
	0.50178.00	34°	
	0.50179.00	56°	
70 W			
	0.20595.00	16°	[28]
	0.20596.00	34°	
	0.20597.00	58°	
possible configuration		0.20585.00 [28]	

MH IOS	CDM-T G12	IOS MH5 optics	finish reference
20 W			
	0.20740.00	14°	[28]
	0.20741.00	22°	
	0.20743.00	28°	
	0.20742.00	50°	
35 W			
	0.20745.00	14°	[28]
	0.20746.00	22°	
	0.20748.00	28°	
	0.20747.00	50°	
50 W			
	0.50188.00	14°	[28]
	0.50189.00	22°	
	0.50190.00	28°	
	0.50191.00	50°	
70 W			
	0.20750.00	14°	[28]
	0.20751.00	22°	
	0.20753.00	28°	
	0.20752.00	50°	
possible configuration		0.20740.00 [28]	

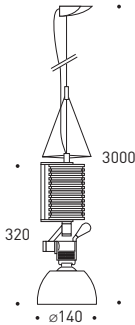
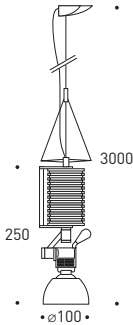


Accessories (pg. 491). Components for track (pg. 548-553).
Photometric data (pg. 767).



Accessories (pg. 491). Components for track (pg. 548-553).
Photometric data (pg. 770-771).

Adjustable pendant projector for surface mounting



MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
20 W		▲	
	0.20495.00	14°	[28]
	0.20496.00	34°	
	0.20497.00	56°	
35 W			
	0.20500.00	14°	[28]
	0.20501.00	34°	
	0.20502.00	56°	
50 W			
	0.50180.00	14°	[28]
	0.50181.00	34°	
	0.50182.00	56°	
70 W			
	0.20505.00	16°	[28]
	0.20506.00	34°	
	0.20507.00	58°	
possible configuration		0.20495.00 [28]	

MH IOS	CDM-T G12	IOS MH5 optics	finish reference
20 W		▲	
	0.20700.00	14°	[28]
	0.20701.00	22°	
	0.20703.00	28°	
	0.20702.00	50°	
35 W			
	0.20705.00	14°	[28]
	0.20706.00	22°	
	0.20708.00	28°	
	0.20707.00	50°	
50 W			
	0.50192.00	14°	[28]
	0.50193.00	22°	
	0.50194.00	28°	
	0.50195.00	50°	
70 W			
	0.20710.00	14°	[28]
	0.20711.00	22°	
	0.20713.00	28°	
	0.20712.00	50°	
possible configuration		0.20700.00 [28]	

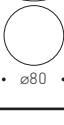


Accessories (pg. 491).
Photometric data (pg. 767).



Accessories (pg. 491).
Photometric data (pg. 770-771).

Accessories
metal halide lamps

AMBAR MH IOS		details	IOS MH2	reference	finish reference	
MH IOS MH2		interchangeable optical system	14°/16°	0.11300.00	00	
		shield finish 00 clear	IOS 34°	0.11301.00		
			MH2 56°/58°	0.11302.00		
			Mira	0.11303.00		
			• ø80 •			
MH IOS MH2 FOOD		interchangeable optical system with selective filters	14°/16°	0.11300.00	64	
		shield finish	IOS 34°	0.11301.00	65	
			MH2 56°/58°	0.11302.00	66	
			64 green			67
			65 light blue			
			66 orange			
			67 pink			
• ø80 •						
MH IOS MH2 UV/IR		interchangeable optical system	14°/16°	0.11300.00	59	
		shield finish	IOS 34°	0.11301.00	79	
			MH2 56°/58°	0.11302.00	74	
				59 IR - 79 anti UV		
MH IOS MH2		74 blue dichroic filter			76	
		75 green dichroic filter			77	
		76 yellow dichroic filter				
		77 red dichroic filter				
		• ø80 •				
possible configuration				0.11300.00	00	

AMBAR MH IOS		details	IOS MH5	▲	reference	finish reference
MH IOS MH5		interchangeable optical system		14°	0.11310.00	[00]
		shield finish 00 clear	IOS MH5	22°	0.11311.00	
				28°	0.11318.00	
				50°	0.11312.00	
				Mira*	0.11313.00	
MH IOS MH5 FOOD		interchangeable optical system with selective filters		14°	0.11310.00	[64]
		shield finish 64 green 65 light blue 66 orange 67 pink	IOS MH5	22°	0.11311.00	[65]
				28°	0.11318.00	[66]
				50°	0.11312.00	[67]
MH IOS MH5 UV/IR		interchangeable optical system		14°	0.11310.00	[59]
		shield finish 59 IR - 79 anti UV 74 blue dichroic filter 75 green dichroic filter 76 yellow dichroic filter 77 red dichroic filter	IOS MH5	22°	0.11311.00	[79]
				28°	0.11318.00	[74]
				50°	0.11312.00	[75]
						[76]
				[77]		
		• Ø130 •				
* elliptical beam						
possible configuration					0.11310.00	[00]

* elliptical beam

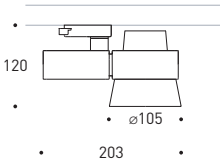


REVIOS

adjustable projector

design by: **Bruno Gecchelin**

Adjustable projector for 3-circuit track mounting



13 W			1500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2	▲	nom. lm	K	CRI	
Ø	CD63	A	11°	HQ	1221	3000	>90	B1
		B	15°	WW	1500	3000	>80	21
		C	21°	NN	1661	4000	>80	28
		D	29°					
		E	51°					
		F	Mira					
V*								
D*								
T**			K	without optics				
possible configuration					Ø, CD63, A, HQ, B1			

30 W		3500 lm						
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲	nom. lm	K	CRI		
Ø	CD67	A	11°	HQ	2944	3000	>90	B1
		B	15°	WW	3617	3000	>80	21
		C	21°	NN	3798	4000	>80	28
		D	29°					
		E	51°					
		F	Mira					
V*								
D*			K	without optics				
possible configuration				Ø, CD67, A, HQ, B1				

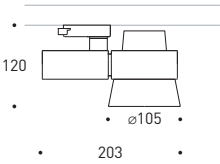
22 W			2500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	CD65	A	11°	HQ	2038	3000	>90	B1
		B	15°	WW	2650	3000	>80	21
		C	21°	NN	2759	4000	>80	28
		D	29°					
		E	51°					
		F	Mira					
		K	without optics					
possible configuration					Ø, CD65, A, HQ, B1			

* The track-mounted projectors with dimming provision (1-10V DC and Dalí) 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.



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



IOS

850°

g

1192

38 W		4000 lm					
LED	driver reference	product reference	optics reference		lumen reference		finish reference
			IOS LL7 ▲		nom. lm	K CRI	
Ø	CD68	N	14°	HQ	3578	3000 >90	B1
		P	21°	WW	4329	3000 >80	21
		Q	30°	NN	4480	4000 >80	28
V*		R	36°				
D*		S	40°				
		T	69°				
		U	Mira				
		K	without optics				
possible configuration				Ø-CD68-A-HQ-B1			

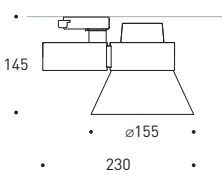
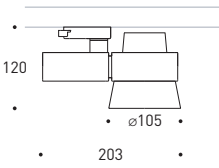
* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

LED
IOS
LL7

LED
IOS LL7
FOOD

Accessories (pg. 500). 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		▲	
0.24201.00		14°	[B1]
0.24202.00		34°	[21]
0.24203.00		56°	[28]
0.24204.00		Mira	
35 W			
0.24211.00		14°	[B1]
0.24212.00		34°	[21]
0.24213.00		56°	[28]
0.24214.00		Mira	
50 W			
0.24221.00		14°	[B1]
0.24222.00		34°	[21]
0.24223.00		56°	[28]
0.24224.00		Mira	
70 W			
0.24231.00		16°	[B1]
0.24232.00		34°	[21]
0.24233.00		58°	[28]
0.24234.00		Mira	
possible configuration		0.24201.00[B1]	

MH IOS	CDM-T G12	IOS MH5 optics	finish reference
20 W		▲	
0.24251.00		14°	[B1]
0.24252.00		22°	[21]
0.24253.00		28°	[28]
0.24254.00		50°	
0.24255.00		Mira	
35 W			
0.24261.00		14°	[B1]
0.24262.00		22°	[21]
0.24263.00		28°	[28]
0.24264.00		50°	
0.24265.00		Mira	
50 W			
0.24271.00		14°	[B1]
0.24272.00		22°	[21]
0.24273.00		28°	[28]
0.24274.00		50°	
0.24275.00		Mira	
70 W			
0.24281.00		14°	[B1]
0.24282.00		22°	[21]
0.24283.00		28°	[28]
0.24284.00		50°	
0.24285.00		Mira	
possible configuration		0.24251.00[B1]	

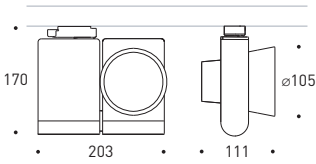


Accessories (pg. 501). Components for track (pg. 548-553).
Photometric data (pg. 767).



Accessories (pg. 501). Components for track (pg. 548-553).
Photometric data (pg. 770-771).

Adjustable projector for 3-circuit track mounting



13 W		1500 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	BD63	A	11°	HQ	1221	3000	>90	B1
		B	15°	WW	1500	3000	>80	21
		C	21°	NN	1661	4000	>80	28
		D	29°					
		E	51°					
V*		F	Mira					
D*		K	without optics					
T**								
possible configuration				Ø, BD63, A, HQ, B1				

30 W			3500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	BD67	A	11°	HQ	2944	3000	>90	B1
		B	15°	WW	3617	3000	>80	21
		C	21°	NN	3798	4000	>80	28
		D	29°					
		E	51°					
V*		F	Mira					
D*		K	without optics					
possible configuration				Ø, BD67, A, HQ, B1				

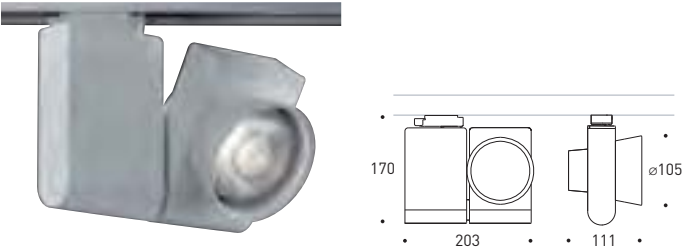
22 W		2500 lm						
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	BD65	A	11°	HQ	2038	3000	>90	B1
		B	15°	WW	2650	3000	>80	21
		C	21°	NN	2759	4000	>80	28
		D	29°					
		E	51°					
V*		F	Mira					
D*		K	without optics					
possible configuration				Ø, BD65A, 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.



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



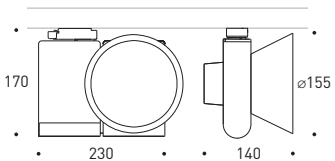
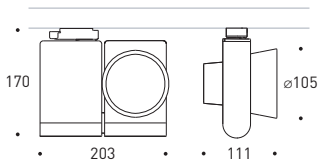
38 W			4000 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL7 ▲		nom. lm	K	CRI	
Ø	BD68	N	14°	HQ	3578	3000	>90	B1
		P	21°	WW	4329	3000	>80	21
		Q	30°	NN	4480	4000	>80	28
		R	36°					
		S	40°					
V*		T	69°					
D*		U	Mira					
		K	without optics					
possible configuration				Ø, BD68A, HQ, B1				

* The track-mounted projectors with dimming provision (1-10V DC and Dalí) require specific adapters and tracks.



Accessories (pg. 500). 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		▲	
	0.24051.00	14°	[B1]
	0.24052.00	34°	[21]
	0.24053.00	56°	[28]
	0.24054.00	Mira	
35 W			
	0.24061.00	14°	[B1]
	0.24062.00	34°	[21]
	0.24063.00	56°	[28]
	0.24064.00	Mira	
50 W			
	0.24071.00	14°	[B1]
	0.24072.00	34°	[21]
	0.24073.00	56°	[28]
	0.24074.00	Mira	
70 W			
	0.24081.00	16°	[B1]
	0.24082.00	34°	[21]
	0.24083.00	58°	[28]
	0.24084.00	Mira	
possible configuration		0.24051.00[B1]	

MH IOS	CDM-T G12	IOS MH5 optics	finish reference
20 W		▲	
	0.24101.00	14°	[B1]
	0.24102.00	22°	[21]
	0.24103.00	28°	[28]
	0.24104.00	50°	
	0.24105.00	Mira	
35 W			
	0.24111.00	14°	[B1]
	0.24112.00	22°	[21]
	0.24113.00	28°	[28]
	0.24114.00	50°	
	0.24115.00	Mira	
50 W			
	0.24121.00	14°	[B1]
	0.24122.00	22°	[21]
	0.24123.00	28°	[28]
	0.24124.00	50°	
	0.24125.00	Mira	
70 W			
	0.24131.00	14°	[B1]
	0.24132.00	22°	[21]
	0.24133.00	28°	[28]
	0.24134.00	50°	
	0.24135.00	Mira	
possible configuration		0.24101.00[B1]	

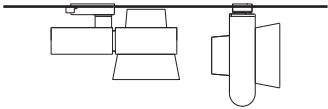


Accessories (pg. 501). Components for track (pg. 548-553).
Photometric data (pg. 767).



Accessories (pg. 501). Components for track (pg. 548-553).
Photometric data (pg. 770-771).

Accessories
LED

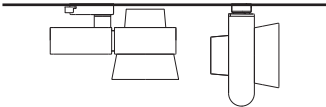


REVIEWS	details	IOS		reference	finish reference	
LED IOS LL2  • ø80 •	interchangeable optical system	A	11°	0.35050.00	[00]	
		B	15°	0.35049.00		
	shield finish 00 clear	C	21°	0.35051.00		
		D	29°	0.35052.00		
		E	51°	0.35053.00		
		F	Mira*	0.35054.00		
		H	W. W.	0.35059.00		
		LED IOS LL2 FOOD  • ø80 •	interchangeable optical system with selective filters	IOS LL2	11°	0.35050.00
15°	0.35049.00				[65]	
shield finish 64 green 65 light blue 66 orange 67 pink	21°		0.35051.00		[66]	
	29°		0.35052.00		[67]	
	51°		0.35053.00			
LED IOS LL7  • ø80 •	interchangeable optical system		N	14°	0.35169.00	[00]
			P	21°	0.35170.00	
	shield finish 00 clear		Q	30°	0.35171.00	
			R	36°	0.35172.00	
			S	40°	0.35173.00	
			T	69°	0.35174.00	
			U	Mira*	0.35175.00	
			LED IOS LL7 FOOD  • ø80 •	interchangeable optical system with selective filters	IOS LL7	14°
21°	0.35170.00	[65]				
shield finish 64 green 65 light blue 66 orange 67 pink	30°	0.35171.00				[66]
	36°	0.35172.00				[67]
	40°	0.35173.00				
	69°	0.35174.00				
 1 HOUR	emergency pack for LED LUCE luminaires including Ni/Cd battery with 1h back-up			0.35087.00	[10]	
					[21]	
					[28]	
	accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track			0.02289.00	[10]	
					[21]	
					[28]	

* elliptical beam

possible configuration	0.35050.00 [00]

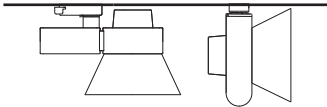
Accessories
metal halide lamps



REVIOS	details	IOS	▲	reference	finish reference
MH IOS MH2	 • ø80 •	interchangeable optical system			
		IOS MH2	14°/16°	0.11300.00	[00]
			34°	0.11301.00	
			56°/58°	0.11302.00	
			Mira*	0.11303.00	
MH IOS MH2 FOOD	 • ø80 •	interchangeable optical system with selective filters			
		IOS MH2	14°/16°	0.11300.00	[64]
			34°	0.11301.00	[65]
			56°/58°	0.11302.00	[66]
					[67]
MH IOS MH2 UV/IR	 • ø80 •	interchangeable optical system			
		IOS MH2	14°/16°	0.11300.00	[59]
			34°	0.11301.00	[79]
			56°/58°	0.11302.00	[74]
					[75]
					[76]
					[77]
		accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track			
				0.02289.00	[10]
					[21]
					[28]

* elliptical beam

possible configuration	0.11300.00 [00]



REVIOS	details	IOS	▲	reference	finish reference
MH IOS MH5	 • Ø130 •	interchangeable optical system			
		IOS MH5	14°	0.11310.00	[00]
			22°	0.11311.00	
			28°	0.11318.00	
			50°	0.11312.00	
			Mira*	0.11313.00	
MH IOS MH5 FOOD	 • Ø130 •	interchangeable optical system with selective filters			
		IOS MH5	14°	0.11310.00	[64]
			22°	0.11311.00	[65]
			28°	0.11318.00	[66]
			50°	0.11312.00	[67]
MH IOS MH5 UV/IR	 • Ø130 •	interchangeable optical system			
		IOS MH5	14°	0.11310.00	[59]
			22°	0.11311.00	[79]
			28°	0.11318.00	[74]
			50°	0.11312.00	[75]
					[76]
					[77]
		accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track			
				0.02289.00	[10]
					[21]
					[28]

* elliptical beam

possible configuration	0.11310.00 [00]

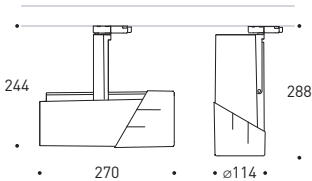


KYLIOS

adjustable projector

design by: **Bruno Gecchelin**

Adjustable projector for 3-circuit track mounting



13 W			1500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	ØD73	A	11°	HQ	1221	3000	>90	B1
		B	15°	WW	1500	3000	>80	42
V*		C	21°	NN	1661	4000	>80	F1
		D	29°					
D*		E	51°					
		F	Mira					
T**		K	without optics					
possible configuration					Ø, ØD73, A, HQ, B1			

30 W		3500 lm						
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲	nom. lm	K	CRI		
Ø	ØD77	A	11°	HQ	2944	3000	>90	B1
		B	15°	WW	3617	3000	>80	42
V*		C	21°	NN	3798	4000	>80	F1
D*		D	29°					
		E	51°					
		F	Mira					
		K	without optics					
possible configuration				Ø, ØD77, A, HQ, B1				

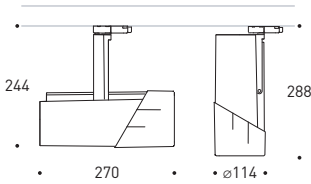
22 W			2500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2	▲	nom. lm	K	CRI	
Ø	ØD75	A	11°	HQ	2038	3000	>90	B1
		B	15°	WW	2650	3000	>80	42
V*		C	21°	NN	2759	4000	>80	F1
		D	29°					
		E	51°					
		F	Mira					
		K	without optics					
possible configuration					Ø, ØD75, A, HQ, B1			

* The track-mounted projectors with dimming provision (1-10V DC and Dalí) 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.



Accessories (pg. 507). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709 / 712-713).

Adjustable projector for 3-circuit track mounting



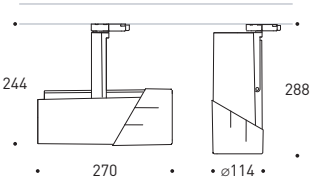
46 W		4000 lm						
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL7 ▲		nom. lm	K	CRI	
[Ø]	ØD79	[N]	14°	[HQ]	4147	3000	>90	[B1]
		[P]	22°	[WW]	5017	3000	>80	[42]
[V]*		[Q]	30°	[NN]	5196	4000	>80	[F1]
[D]*		[R]	36°					
		[S]	40°					
		[T]	68°					
		[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.



Accessories (pg. 507). Components for track (pg. 548-553).
Photometric data (pg. 738-739).

Adjustable projector for metal halide lamps



MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
20 W		▲	
Ø.24351.00		14°	[B1]
Ø.24352.00		34°	[42]
Ø.24353.00		56°	[F1]
Ø.24354.00		Mira	
35 W			
Ø.24361.00		14°	[B1]
Ø.24362.00		34°	[42]
Ø.24363.00		56°	[F1]
Ø.24364.00		Mira	
50 W			
Ø.24371.00		14°	[B1]
Ø.24372.00		34°	[42]
Ø.24373.00		56°	[F1]
Ø.24374.00		Mira	
70 W			
Ø.24381.00		16°	[B1]
Ø.24382.00		34°	[42]
Ø.24383.00		58°	[F1]
Ø.24384.00		Mira	
possible configuration		Ø.24351.00[B1]	



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			
		1	15°	0.35005.00	[00]
		2	30°	0.35006.00	
		shield finish			
		00	clear		
		3	48°	0.35007.00	
LED IOS LL1 FOOD	 • ø50 •	interchangeable optical system with selective filters			
		IOS LL1	15°	0.35005.00	[64]
			30°	0.35006.00	[65]
			48°	0.35007.00	[66]
					[67]
LED IOS LL2	 • ø80 •	interchangeable optical system			
		A	11°	0.35050.00	[00]
		B	15°	0.35049.00	
		C	21°	0.35051.00	
		D	29°	0.35052.00	
		E	51°	0.35053.00	
		F	Mira*	0.35054.00	
		H	W. W.	0.35059.00	
LED IOS LL2 FOOD	 • ø80 •	interchangeable optical system with selective filters			
		IOS LL2	11°	0.35050.00	[64]
			15°	0.35049.00	[65]
			21°	0.35051.00	[66]
			29°	0.35052.00	[67]
LED IOS LL7	 • ø80 •	interchangeable optical system			
		N	14°	0.35169.00	[00]
		P	21°	0.35170.00	
		Q	30°	0.35171.00	
		R	36°	0.35172.00	
		S	40°	0.35173.00	
		T	69°	0.35174.00	
		U	Mira*	0.35175.00	
LED IOS LL7 FOOD	 • ø80 •	interchangeable optical system with selective filters			
		IOS LL7	14°	0.35169.00	[64]
			21°	0.35170.00	[65]
			30°	0.35171.00	[66]
			36°	0.35172.00	[67]
	 • ø80 •	shield finish			
				64 green	
				65 light blue	
		shield finish			
				66 orange	
				67 pink	
		accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track			
				0.02289.00	[10]
					[21]
					[28]

* elliptical beam

possible configuration	0.35005.00 [00]

Accessories
metal halide lamps

KYLIOS		details	IOS	▲	reference	finish reference
MH IOS MH2	 • ø80 •	interchangeable optical system	IOS MH2	14°/16°	0.11300.00	[00]
				34°	0.11301.00	
				56°/58°	0.11302.00	
				Mira*	0.11303.00	
MH IOS MH2 FOOD	 • ø80 •	interchangeable optical system with selective filters	IOS MH2	14°/16°	0.11300.00	[64]
				34°	0.11301.00	[65]
				56°/58°	0.11302.00	[66]
						[67]
MH IOS MH2 UV/IR	 • ø80 •	interchangeable optical system	IOS MH2	14°/16°	0.11300.00	[59]
				34°	0.11301.00	[79]
				56°/58°	0.11302.00	[74]
						[75]
MH IOS MH2	 • ø80 •	shield finish	IOS MH2			[76]
						[77]
		accessory for the installation of surface-mounted and recessed projectors with adapter for			0.02289.00	[10]
						[21]
						[28]

* elliptical beam

possible configuration	0.11300.00 [00]



KAZÈ

adjustable projector

design by: **Setsu - Shinobu Ito**

Adjustable projector for 3-circuit track mounting



13 W			1500 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲	nom. lm	K	CRI		
Ø	BC53	A	11°	HQ	1221	3000	>90	10
		B	15°	WW	1500	3000	>80	21
		C	21°	NN	1661	4000	>80	28
		D	29°					
		E	51°					
		F	Mira					
V*								
D*								
T**			K	without optics				
possible configuration				Ø, BC53, 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	BC57	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, BC57, A, HQ, 10			

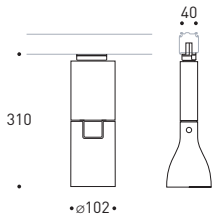
22 W			2500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	BC55	A	11°	HQ	2038	3000	>90	10
		B	15°	WW	2650	3000	>80	21
		C	21°	NN	2759	4000	>80	28
		D	29°					
		E	51°					
		F	Mira					
		K	without optics					
possible configuration					Ø, BC55, A, HQ, 10			

* The track-mounted projectors with dimming provision (1-10V DC and Dalí) 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.



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



46 W			4500 lm					
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL7 ▲	nom. lm	K	CRI		
[Ø]	BC59	[N]	14°	[HQ]	4147	3000	>90	[10]
		[P]	22°	[WW]	5017	3000	>80	[21]
		[Q]	30°	[NN]	5196	4000	>80	[28]
[V]*		[R]	36°					
[D]*		[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.



Adjustable projector for 3-circuit track mounting



MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
20 W		▲	
0.23301.00		14°	[10]
0.23302.00		34°	[21]
0.23303.00		56°	[28]
0.23304.00		Mira	
35 W			
0.23306.00		14°	[10]
0.23307.00		34°	[21]
0.23308.00		56°	[28]
0.23309.00		Mira	
50 W			
0.50075.00		14°	[10]
0.50076.00		34°	[21]
0.50077.00		56°	[28]
0.50078.00		Mira	
70 W			
0.23311.00		16°	[10]
0.23312.00		34°	[21]
0.23313.00		58°	[28]
0.23314.00		Mira	
possible configuration		0.23301.00 [10]	

HALO IOS	QT-12 GY6.35	IOS HL2 optics	finish reference
60 W / 12V		▲	
0.23411.00		18°	[10]
0.23412.00		24°	[21]
0.23413.00		30°	[28]
possible configuration		0.23411.00 [10]	

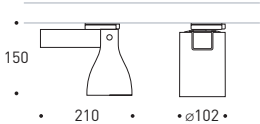


Accessories (pg. 516). Components for track (pg. 548-553).
Photometric data (pg. 767).



Accessories (pg. 516). Components for track (pg. 548-553).
Photometric data (pg. 772).

Adjustable projector for 3-circuit track mounting



vertical adjustment for versions on suspended track from 0° to 100°



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]
		[B]	15°	[WW]	1500	3000	>80	[21]
[V]*		[C]	21°	[NN]	1661	4000	>80	[28]
[D]*		[D]	29°					
		[E]	51°					
[T]**		[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]
		[B]	15°	[WW]	3617	3000	>80	[21]
[V]*		[C]	21°	[NN]	3798	4000	>80	[28]
[D]*		[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]
		[B]	15°	[WW]	2650	3000	>80	[21]
[V]*		[C]	21°	[NN]	2759	4000	>80	[28]
[D]*		[D]	29°					
		[E]	51°					
		[F]	Mira					
		[K]	without optics					
possible configuration				[Ø], CC55, [A], [HQ], [10]				

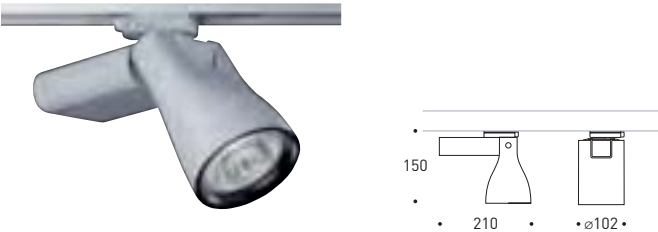
* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

**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.



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°

9

1225

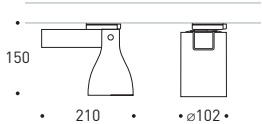
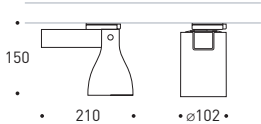
46 W			4500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL7 ▲		nom. lm	K	CRI	
Ø	CC59	N	14°	HQ	4147	3000	>90	10
		P	22°	WW	5017	3000	>80	21
		Q	30°	NN	5196	4000	>80	28
V*		R	36°					
D*		S	40°					
		T	68°					
		U	Mira					
		K	without optics					
possible configuration					Ø, CC59, K, HQ, 10			

* The track-mounted projectors with dimming provision (1-10V DC and Dali) require specific adapters and tracks.

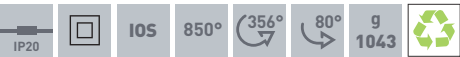


Accessories (pg. 516). Components for track (pg. 548-553).
Photometric data (pg. 738-739).

Adjustable projector for 3-circuit track mounting



100° vertical adjustment for versions on suspended track from 0° to 100°



100° vertical adjustment for versions on suspended track from 0° to 100°



MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
20 W		▲	
	Ø.23351.00	14°	[10]
	Ø.23352.00	34°	[21]
	Ø.23353.00	56°	[28]
	Ø.23354.00	Mira	
35 W			
	Ø.23356.00	14°	[10]
	Ø.23357.00	34°	[21]
	Ø.23358.00	56°	[28]
	Ø.23359.00	Mira	
50 W			
	Ø.50079.00	14°	[10]
	Ø.50080.00	34°	[21]
	Ø.50081.00	56°	[28]
	Ø.50082.00	Mira	
70 W			
	Ø.23361.00	16°	[10]
	Ø.23362.00	34°	[21]
	Ø.23363.00	58°	[28]
	Ø.23364.00	Mira	
possible configuration		Ø.23351.00 [10]	

HALO IOS	QT-12 GY6.35	IOS HL2 optics	finish reference
60 W / 12V		▲	
	Ø.23416.00	18°	[10]
	Ø.23417.00	24°	[21]
	Ø.23418.00	30°	[28]
possible configuration		Ø.23416.00 [10]	



Accessories (pg. 516). Components for track (pg. 548-553).
Photometric data (pg. 767).

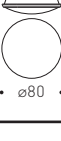


Accessories (pg. 516). Components for track (pg. 548-553).
Photometric data (pg. 772).

Accessories
LED

KAZÈ	details	IOS	▲	reference	finish reference	
LED IOS LL2	 • ø80 •	interchangeable optical system				[00]
		A	11°	0.35050.00		
		B	15°	0.35049.00		
		C	21°	0.35051.00		
		D	29°	0.35052.00		
		E	51°	0.35053.00		
		F	Mira*	0.35054.00		
LED IOS LL2 FOOD	 • ø80 •	IOS LL2	11°	0.35050.00	[64]	
			15°	0.35049.00	[65]	
			21°	0.35051.00	[66]	
			29°	0.35052.00	[67]	
			51°	0.35053.00		
			LED IOS LL7	 • ø80 •	interchangeable optical system	
N	14°	0.35169.00				
P	21°	0.35170.00				
Q	30°	0.35171.00				
R	36°	0.35172.00				
S	40°	0.35173.00				
T	69°	0.35174.00				
U	Mira*	0.35175.00				
LED IOS LL7 FOOD	 • ø80 •	IOS LL7	14°	0.35169.00	[64]	
			21°	0.35170.00	[65]	
			30°	0.35171.00	[66]	
			36°	0.35172.00	[67]	
			40°	0.35173.00		
			69°	0.35174.00		
		accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track			[10]	
					[21]	
					[28]	
* elliptical beam						
possible configuration				0.35005.00	[00]	

Accessories
metal halide lamps / halogen lamps

KAZÈ		details	IOS	▲	reference	finish reference
MH IOS MH2	 • ø80 •	interchangeable optical system	IOS MH2	14°/16°	0.11300.00	[00]
				34°	0.11301.00	
				56°/58°	0.11302.00	
				Mira*	0.11303.00	
MH IOS MH2 FOOD	 • ø80 •	interchangeable optical system with selective filters	IOS MH2	14°/16°	0.11300.00	[64]
				34°	0.11301.00	[65]
				56°/58°	0.11302.00	[66]
						[67]
MH IOS MH2 UV/IR	 • ø80 •	interchangeable optical system	IOS MH2	14°/16°	0.11300.00	[59]
				34°	0.11301.00	[79]
				56°/58°	0.11302.00	[74]
						[75]
MH IOS MH2	 • ø80 •	shield finish	IOS MH2			[76]
						[77]
HALO IOS HL2	 • ø80 •	interchangeable optical system	IOS HL2	18°	0.11300.00	[00]
				24°	0.11301.00	
				30°	0.11302.00	
HALO IOS HL2 FOOD	 • ø80 •	interchangeable optical system with selective filters	IOS HL2	18°	0.11300.00	[64]
				24°	0.11301.00	[65]
				30°	0.11302.00	[66]
						[67]
HALO IOS HL2 UV/IR	 • ø80 •	interchangeable optical system	IOS HL2	18°	0.11300.00	[59]
				24°	0.11301.00	[79]
				30°	0.11302.00	[74]
						[75]
HALO IOS HL2	 • ø80 •	shield finish	IOS HL2			[76]
						[77]
		accessory for the installation of surface-mounted and recessed projectors with adapter for 3-circuit track			0.02289.00	[10]
						[21]
						[28]
* elliptical beam						
possible configuration					0.11300.00	[00]





TRISIO PLUS_TRISIO

adjustable projector

design by: **Fabio Reggiani**

Adjustable projector for 3-circuit track mounting



13 W			1500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2	▲	nom. lm	K	CRI	
Ø	B773	A	11°	HQ	1221	3000	>90	10
		B	15°	WW	1500	3000	>80	21
		C	21°	NN	1661	4000	>80	28
		D	29°					
		E	51°					
		F	Mira					
V*								
D*								
T**			K	without optics				
possible configuration					Ø, B773, 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	B775	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					
V*								
D*								
			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.

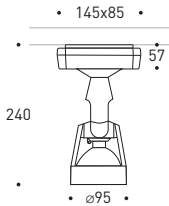
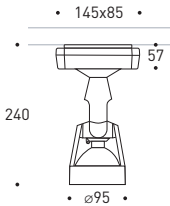
**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.

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.



Accessories (pg. 533). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709).

Adjustable projector for metal halide lamps
and halogen lamps



MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
20 W		▲	
	0.13035.00	14°	[10]
	0.13036.00	34°	[21]
	0.13037.00	56°	[28]
35 W			
	0.13038.00	14°	[10]
	0.13039.00	34°	[21]
	0.13040.00	56°	[28]
50 W			
	0.50196.00	14°	[10]
	0.50197.00	34°	[21]
	0.50198.00	56°	[28]
70 W			
	0.13041.00	16°	[10]
	0.13042.00	34°	[21]
	0.13043.00	58°	[28]
possible configuration		0.13035.00 [10]	

HALO IOS	QT-12 GY6.35	IOS HL2 optics	finish reference
50 W / 12V		▲	
	0.13014.00	18°	[10]
	0.13015.00	24°	[21]
	0.13016.00	30°	[28]
possible configuration		0.13014.00 [10]	

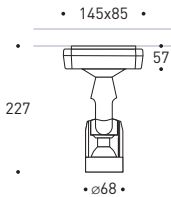
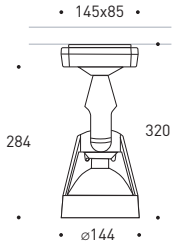


Accessories (pg. 534). Components for track (pg. 548-553).
Photometric data (pg. 767).



Accessories (pg. 534). Components for track (pg. 548-553).
Photometric data (pg. 772).

Adjustable projector for metal halide lamps and halogen lamps



MH IOS	CDM-T G12	IOS MH5 optics	finish reference
			
20 W			
	0.13112.00	14°	[10]
	0.13113.00	22°	[21]
	0.13139.00	28°	[28]
	0.13114.00	50°	
35 W			
	0.13103.00	14°	[10]
	0.13104.00	22°	[21]
	0.13119.00	28°	[28]
	0.13105.00	50°	
50 W			
	0.50208.00	14°	[10]
	0.50209.00	22°	[21]
	0.50210.00	28°	[28]
	0.50211.00	50°	
70 W			
	0.13106.00	14°	[10]
	0.13107.00	22°	[21]
	0.13137.00	28°	[28]
	0.13108.00	50°	
100 W			
	0.50212.00	16°	[10]
	0.50213.00	22°	[21]
	0.50214.00	28°	[28]
	0.50215.00	48°	
100 W			
	0.13109.00	14°	[10]
	0.13110.00	22°	[21]
	0.13138.00	28°	[28]
	0.13111.00	48°	
possible configuration		0.13112.00 [10]	

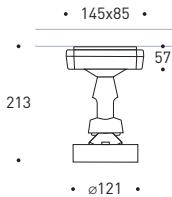
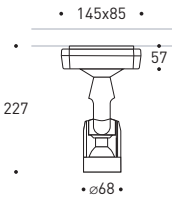
HALO	 QR-CB GU5.3	lamp with built-in reflector	finish reference
50 W			
	Ø.13000.00	/	[10]
			[21]
			[28]
possible configuration		Ø.13000.00 [10]	



Accessories (pg. 534). Components for track (pg. 548-553).
Photometric data (pg. 770-771).

Accessories (pg. 535). Components for track (pg. 548-553).

Adjustable projector for halogen lamps

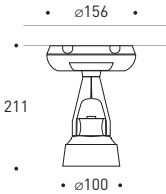


HALO		HI-SPOT GZ10	lamp with built-in reflector	finish reference
50 W				
Ø.13002.00			/	[10]
				[21]
				[28]
possible configuration			Ø.13002.00[10]	

HALO		QR-111 G53	lamp with built-in reflector	finish reference
65 W				
Ø.13034.00			/	[10]
				[21]
				[28]
possible configuration			Ø.13034.00[10]	



Adjustable projector for surface mounting



13 W			1500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	D773	A	11°	HQ	1221	3000	>90	10
		B	15°	WW	1500	3000	>80	21
		C	21°	NN	1661	4000	>80	28
		D	29°					
		E	51°					
		F	Mira					
V*								
D*								
T**			K	without optics				
possible configuration					Ø, D773, 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	D775	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, 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.

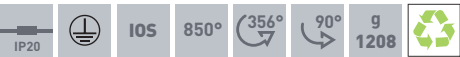
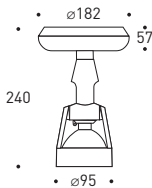
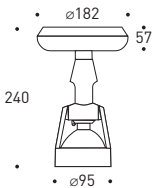
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.



Accessories (pg. 533).

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

Adjustable projector for metal halide lamps and halogen lamps



MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
20 W		▲	
	0.13055.00	14°	[10]
	0.13056.00	34°	[21]
	0.13057.00	56°	[28]
35 W			
	0.13058.00	14°	[10]
	0.13059.00	34°	[21]
	0.13060.00	56°	[28]
50 W			
	0.50202.00	14°	[10]
	0.50203.00	34°	[21]
	0.50204.00	56°	[28]
70 W			
	0.13061.00	16°	[10]
	0.13062.00	34°	[21]
	0.13063.00	58°	[28]
possible configuration		0.13055.00 [10]	

HALO IOS	QT-12 GY6.35	IOS HL2 optics	finish reference
50 W / 12V		▲	
€ 000,00	0.13024.00	18°	[10]
€ 000,00	0.13025.00	24°	[21]
€ 000,00	0.13026.00	30°	[28]
possible configuration		0.13024.00 [10]	

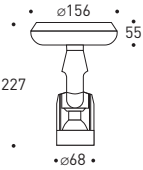
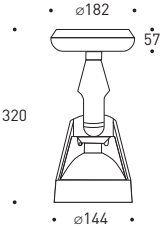


Accessories (pg. 534).
Photometric data (pg. 767).



Accessories (pg. 534).
Photometric data (pg. 772).

Adjustable projector for metal halide lamps and halogen lamps



MH IOS	CDM-T G12	IOS MH5 optics	finish reference
20 W			
	0.13116.00	14°	10
	0.13117.00	22°	21
	0.13140.00	28°	28
	0.13118.00	50°	
35 W			
	0.13123.00	14°	10
	0.13124.00	22°	21
	0.13142.00	28°	28
	0.13125.00	50°	
50 W			
	0.50216.00	14°	10
	0.50217.00	22°	21
	0.50218.00	28°	28
	0.50219.00	50°	
70 W			
	0.13126.00	14°	10
	0.13127.00	22°	21
	0.13143.00	28°	28
	0.13128.00	50°	
possible configuration		0.13116.00 10	

HALO	QR-CB GU5.3	lamp with built-in reflector	finish reference
50 W			
	0.13010.00	/	10
			21
			28
possible configuration		0.13010.00 10	

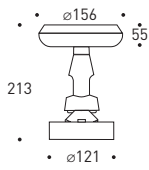
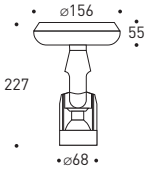


Accessories (pg. 534).
Photometric data (pg. 770-771).



Accessories (pg. 535).

Adjustable projector for halogen lamps



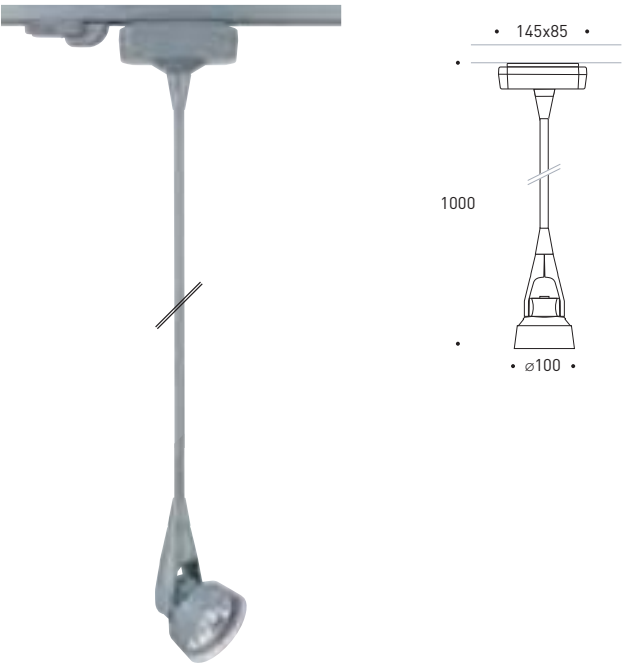
HALO		HI-SPOT GZ10	lamp with built-in reflector	finish reference
50 W				
		Ø.13012.00	/	[10]
				[21]
				[28]
		possible configuration		
		Ø.13012.00 [10]		

HALO		QR-111 G53	lamp with built-in reflector	finish reference
65 W				
		Ø.13054.00	/	[10]
				[21]
				[28]
		possible configuration		
		Ø.13054.00 [10]		



Accessories [pg. 535].

Adjustable projector for 3-circuit track mounting



13 W			1500 lm				
LED	driver reference	product reference	optics reference		lumen reference		finish reference
			IOS LL2 ▲		nom. lm	K CRI	
[Ø]	C773	[A]	11°	[HQ]	1221	3000 >90	[10]
		[B]	15°	[WW]	1500	3000 >80	[21]
[V]*		[C]	21°	[NN]	1661	4000 >80	[28]
[D]*		[D]	29°				
		[E]	51°				
[T]**		[F]	Mira				
		[K]	without optics				
possible configuration				[Ø], C773 [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]	C775	[A]	11°	[HQ]	2038	3000	>90	[10]
		[B]	15°	[WW]	2650	3000	>80	[21]
[V]*		[C]	21°	[NN]	2759	4000	>80	[28]
[D]*		[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.

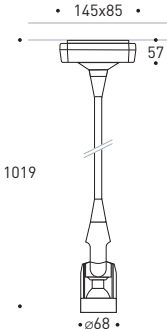
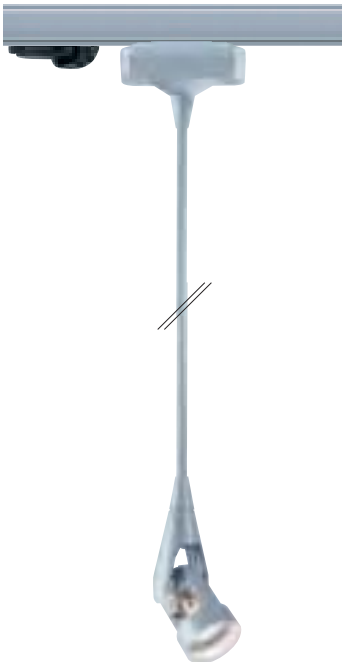
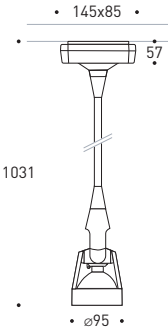
**Driver with provision for dimming with electronic trailing edge phase cut dimmer with MOS technology and with a minimum load of 3 Watts.

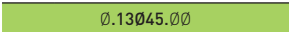
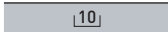
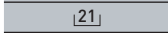
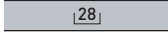
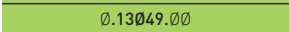
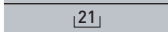
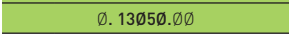
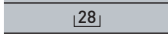
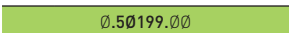
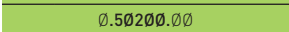
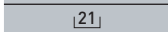
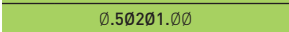
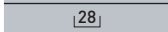
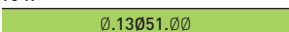
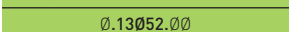
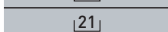
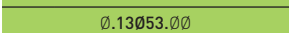
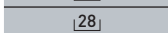
If the dimmer is used, the track becomes exclusively "dedicated" to projectors with the driver described above, so it cannot be used to mount other devices or lighting bodies with different light sources.



Accessories (pg. 533). Components for track (pg. 548-553).
Photometric data (pg. 704-705 / 708-709).

Adjustable projector for metal halide lamps and halogen lamps



MH IOS	 CDM-TC G8.5	IOS MH2 optics	finish reference
20 W			
 Ø.13045.00		14°	 [10]
 Ø.13046.00		34°	 [21]
 Ø.13047.00		56°	 [28]
35 W			
 Ø.13048.00		14°	 [10]
 Ø.13049.00		34°	 [21]
 Ø.13050.00		56°	 [28]
50 W			
 Ø.50199.00		14°	 [10]
 Ø.50200.00		34°	 [21]
 Ø.50201.00		56°	 [28]
70 W			
 Ø.13051.00		16°	 [10]
 Ø.13052.00		34°	 [21]
 Ø.13053.00		58°	 [28]
possible configuration		 Ø.13045.00 [10]	

HALO	 QR-CB GU5.3	lamp with built-in reflector	finish reference
50 W			
	Ø.13004.00	/	10
			21
			28
possible configuration		Ø.13004.00 10	

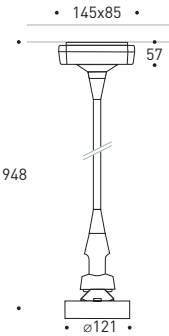
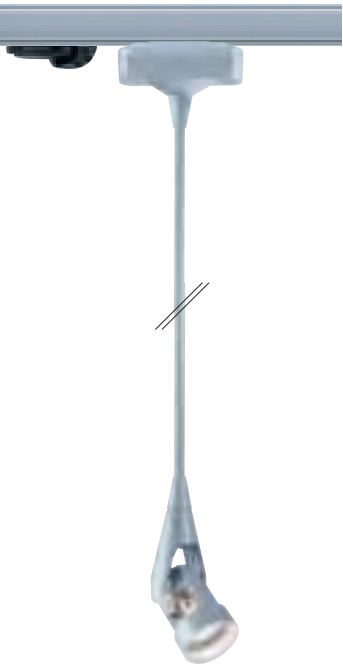


Accessories (pg. 534). Components for track (pg. 000).
Photometric data (pg. 767).



Accessories (pg. 535). Components for track (pg. 548-553).

Adjustable projector for halogen lamps



HALO		HI-SPOT GZ10	lamp with built-in reflector	finish reference
50 W				
		Ø.13006.00	/	[10] [21] [28]
possible configuration		Ø.13006.00[10]		

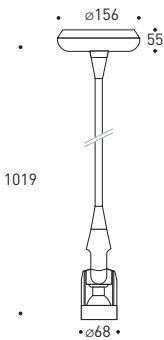
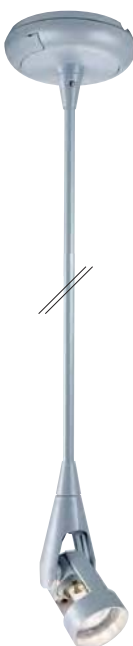
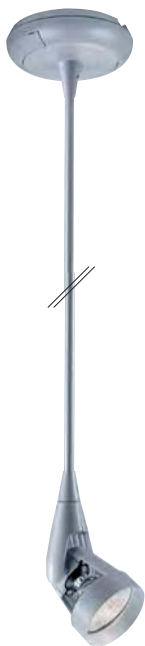
HALO		QR-111 G53	lamp with built-in reflector	finish reference
65 W				
		Ø.13028.00	/	[10] [21] [28]
possible configuration		Ø.13028.00[10]		



Components for track (pg. 548-553).

Accessories (pg. 535). Components for track (pg. 548-553).

Adjustable projector for metal halide lamps and halogen lamps



MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
20 W			
	0.13075.00	14°	[10]
	0.13076.00	34°	[21]
	0.13077.00	56°	[28]
35 W			
	0.13078.00	14°	[10]
	0.13079.00	34°	[21]
	0.13080.00	56°	[28]
50 W			
	0.50205.00	14°	[10]
	0.50206.00	34°	[21]
	0.50207.00	56°	[28]
70 W			
	0.13081.00	16°	[10]
	0.13082.00	34°	[21]
	0.13083.00	58°	[28]
possible configuration		0.13075.00 [10]	

HALO	QR-CB GU5.3	lamp with built-in reflector	finish reference
50 W			
	0.13020.00	/	[10]
			[21]
			[28]
possible configuration		0.13020.00 [10]	

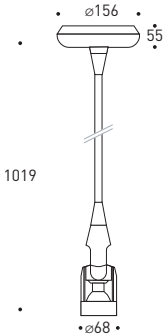
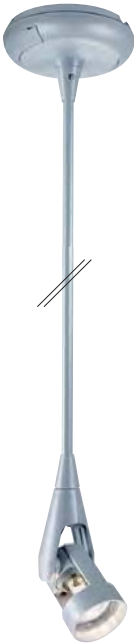


Accessories (pg. 534).
Photometric data (pg. 767).



Accessories (pg. 535).

Adjustable projector for halogen lamps



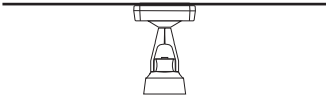
IP20

850°

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.ØØ10		

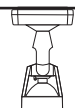
Accessories
LED



TRISO PLUS		details	IOS		reference	finish reference			
LED IOS LL2		interchangeable optical system	A	11°	0.35050.00	00			
		shield finish 00 clear	B	15°	0.35049.00				
			C	21°	0.35051.00				
			D	29°	0.35052.00				
			E	51°	0.35053.00				
			F	Mira*	0.35054.00				
			H	W. W.	0.35059.00				
		LED IOS LL2 FOOD		interchangeable optical system with selective filters	IOS LL2		11°	0.35050.00	64
15°	0.35049.00					65			
shield finish 64 green 65 light blue 66 orange 67 pink	21°			0.35051.00		66			
	29°			0.35052.00		67			
	51°			0.35053.00					
	* elliptical beam								
	possible configuration					0.35050.00 00			

Accessories

halogen lamps / metal halide lamps

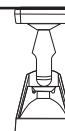


TRISIO		details	IOS	▲	reference	finish reference
MH IOS MH2	 • ø80 •	interchangeable optical system	IOS MH2	14°/16°	0.11300.00	[00]
		shield finish 00 clear		34°	0.11301.00	
				56°/58°	0.11302.00	
MH IOS MH2 FOOD	 • ø80 •	interchangeable optical system with selective filters	IOS MH2	14°/16°	0.11300.00	[64]
		shield finish 64 green 65 light blue 66 orange 67 pink		34°	0.11301.00	[65]
				56°/58°	0.11302.00	[66] [67]
MH IOS MH2 UV/IR	 • ø80 •	interchangeable optical system	IOS MH2	14°/16°	0.11300.00	[59]
		shield finish 59 anti UV - 79 IR 74 blue dichroic filter 75 green dichroic filter 76 yellow dichroic filter 77 red dichroic filter		34°	0.11301.00	[79]
				56°/58°	0.11302.00	[74] [75] [76] [77]
HALO IOS HL2	 • ø80 •	interchangeable optical system	IOS HL2	18°	0.11300.00	[00]
		shield finish 00 clear		24°	0.11301.00	
				30°	0.11302.00	
HALO IOS HL2 FOOD	 • ø80 •	interchangeable optical system with selective filters	IOS HL2	18°	0.11300.00	[64]
		shield finish 64 green 65 light blue 66 orange 67 pink		24°	0.11301.00	[65]
				30°	0.11302.00	[66] [67]
HALO IOS HL2 UV/IR	 • ø80 •	interchangeable optical system	IOS HL2	18°	0.11300.00	[59]
		shield finish 59 anti UV - 79 IR 74 blue dichroic filter 75 green dichroic filter 76 yellow dichroic filter 77 red dichroic filter		24°	0.11301.00	[79]
				30°	0.11302.00	[74] [75] [76] [77]
		anti-glare louvre			0.11316.00	[21]

possible configuration	0.11300.00,00,

Accessories

metal halide lamps

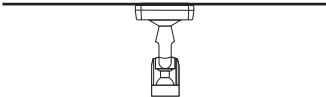


TRISIO	details	IOS	▲	reference	finish reference
MH IOS MH5	 • Ø130 •	IOS MH5	14°/16°	0.11310.00	[00]
			22°	0.11311.00	
			28°	0.11318.00	
			48°/50°	0.11312.00	
			Mira*	0.11313.00	
MH IOS MH5 FOOD	 • Ø130 •	IOS MH5	14°/16°	0.11310.00	[64]
			22°	0.11311.00	[65]
			28°	0.11318.00	[66]
			48°/50°	0.11312.00	[67]
MH IOS MH5 UV/IR	 • Ø130 •	IOS MH5	14°/16°	0.11310.00	[59]
			22°	0.11311.00	[79]
			28°	0.11318.00	[74]
			48°/50°	0.11312.00	[75]
	anti-glare louvre			0.11317.00	[21]

* elliptical beam

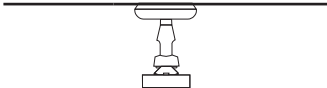
possible configuration	0.11310.00 00

Accessories
halogen lamps (QR-CB)



TRISIO	details	reference	finish reference
	dichroic filters	0.11314.00	74
	shield finish	0.11314.00	75
	74 blue	0.11314.00	76
	75 green	0.11314.00	77
	76 yellow	0.11314.00	77
	filters	0.11314.00	79
	shield finish	0.11314.00	80
	79 anti UV	0.11314.00	86
	80 sandblasted	0.11314.00	87
	86 elliptic	0.11314.00	87
possible configuration		0.11314.00	74

Accessories
halogen lamps (QR-111)



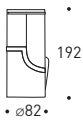
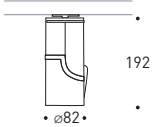
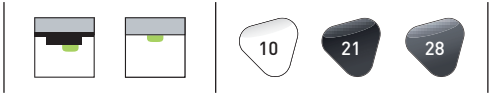
TRISIO	details	reference	finish reference
	dichroic filters	0.11315.00	74
	shield finish	0.11315.00	75
	74 blue	0.11315.00	76
	75 green	0.11315.00	77
	76 yellow	0.11315.00	77
	filters	0.11315.00	79
	shield finish	0.11315.00	80
	79 anti UV	0.11315.00	86
	80 sandblasted	0.11315.00	87
	86 elliptic	0.11315.00	87
possible configuration		0.11315.00	74



LOW VOLTAGE

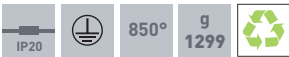
adjustable projector

Adjustable projector for low voltage halogen lamps with built-in transformer



1x20/35/50W

HALO		QR-CB (GU5.3)	finish reference
Ø.02812.EV			10 21 28
possible configuration		Ø.02812.EV10	



1x20/35/50W

HALO		QR-CB (GU5.3)	finish reference
Ø.05590.EV			10 21 28
possible configuration		Ø.05590.EV10	

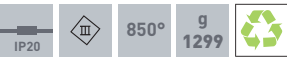
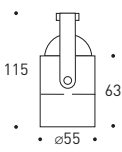
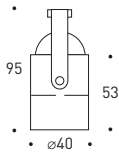


Accessories (pg. 544). Components for track (pg. 548-553).



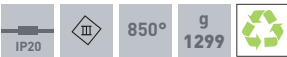
Accessories (pg. 544).

Adjustable solid brass projector for low voltage halogen lamps



1x20/35W

HALO		QR-CB (GU4)	finish reference
without adapter			
0.02021.00			01
			05
			10
			21
			28
possible configuration		0.02021.00_10	



1x20/35/50W

HALO		QR-CB (GU5.3)	finish reference
without adapter			
0.02022.00			01
			05
			10
			21
			28
possible configuration		0.02022.00_10	

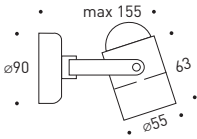


Accessories (pg. 544).



Accessories (pg. 544).

Adjustable solid brass projector for low voltage halogen lamps



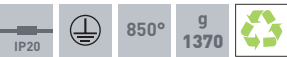
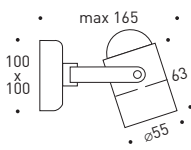
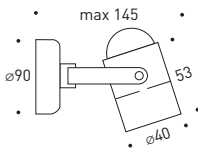
1x20/35/50W

HALO		QR-CB (GU5.3)	finish reference
0.02013.00			01
			05
			10
			21
			28
possible configuration		0.02013.00 10	



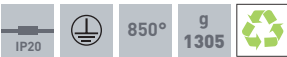
Accessories (pg. 544).

Adjustable solid brass projector for low voltage halogen lamps



1x20/35W

HALO		QR-CB (GU4)	finish reference
built-in transformer			
0.02018.EV			01
			05
			10
			21
			28
possible configuration		0.02018.EV10	



1x20/35/50W

HALO		QR-CB (GU5.3)	finish reference
built-in transformer			
0.02019.EV			01
			05
			10
			21
			28
possible configuration		0.02019.EV10	



Accessories (pg. 544).



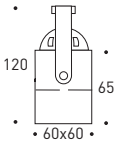
Accessories (pg. 544).

Adjustable projector for low voltage halogen lamps





Special finish 01 please contact Reggiani



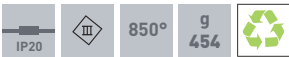
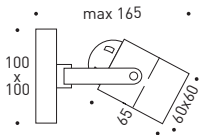
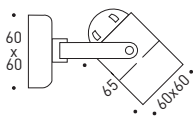
1x20/35/50W

HALO		QR-CB (GU5.3)	finish reference
Ø.03735.00			05
			10
			21
			28
possible configuration		Ø.03735.0010	

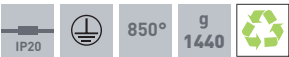
Accessories (pg. 545).

Adjustable projector for low voltage halogen lamps



1x20/35/50W

HALO		QR-CB (GU5.3)	finish reference
Ø.03743.00			[05]
			[10]
			[21]
			[28]
possible configuration		Ø.03743.00[10]	



1x20/35/50W

HALO		QR-CB (GU5.3)	finish reference
built-in transformer			
Ø.03762.EV			[05]
			[10]
			[21]
			[28]
possible configuration		Ø.03762.EV[10]	



Accessories (pg. 545).



Accessories (pg. 545).

Accessories

SUNNY LIGHT Accessories	details	reference	finish reference
	dichroic filters	0.06937.00	[74]
	shield finish	0.06937.00	[75]
	74 blue	0.06937.00	[76]
	75 green	0.06937.00	[77]
	76 yellow		
	77 red		
	filters	0.06937.00	[79]
	shield finish	0.06937.00	[81]
	79 anti UV	0.06937.00	[86]
	81 matt	0.06937.00	[87]
	86 Elliptic		
	87 softener		
	wing framing projector	0.01912.00	[21]
	round framing projector	0.01913.00	[21]
	anti-glare louvre	0.01925.00	[21]
	honeycomb louvre (ø 50 mm) for luminaires with Polyblok	0.01906.00	[21]
	anti-glare attachment with honeycomb louvre (ø 50 mm) for luminaires with Polyblok	0.01909.00	[21]
possible configuration		0.06937.00	[74]

BIJOU Accessories ref. 02021-02010-02018	details	reference	finish reference
	dichroic filters	0.06936.00	[74]
	shield finish	0.06936.00	[75]
	74 blue	0.06936.00	[76]
	75 green	0.06936.00	[77]
	76 yellow		
	77 red		
	filters	0.06936.00	[79]
	shield finish	0.06936.00	[81]
	79 anti UV		
	81 matt		
possible configuration		0.06936.00	[74]
BIJOU Accessori ref. 02022-02013-02019	details	reference	finish reference
	dichroic filters	0.06937.00	[74]
	shield finish	0.06937.00	[75]
	74 blue	0.06937.00	[76]
	75 green	0.06937.00	[77]
	76 yellow		
	77 red		
	filters	0.06937.00	[79]
	shield finish	0.06937.00	[81]
	79 anti UV	0.06937.00	[86]
	81 matt	0.06937.00	[87]
	86 Elliptic		
	87 softener		
possible configuration		0.06937.00	[74]

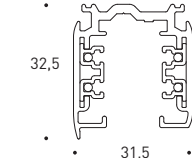
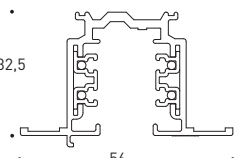
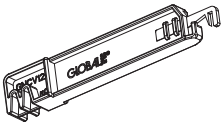
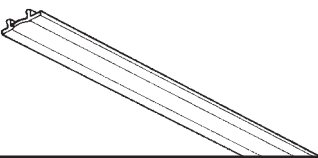
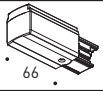
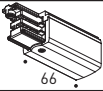
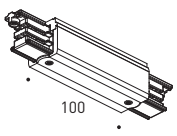
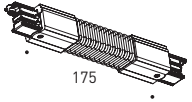
Accessories

LOW VOLTAGE Accessories ref. 03744			reference	finish reference
	details			
	dichroic filters		0.06936.00	[74]
	shield finish		0.06936.00	[75]
	74 blue		0.06936.00	[76]
	75 green		0.06936.00	[77]
	76 yellow			
	77 red			
	filters		0.06936.00	[79]
	shield finish		0.06936.00	[81]
	79 anti UV			
	81 matt			
possible configuration			0.06936.00	[74]

LOW VOLTAGE Accessories ref. 03735-03743-03762			reference	finish reference
	details			
	dichroic filters		0.06937.00	[74]
	shield finish		0.06937.00	[75]
	74 blue		0.06937.00	[76]
	75 green		0.06937.00	[77]
	76 yellow			
	77 red			
	filters		0.06937.00	[79]
	shield finish		0.06937.00	[81]
	79 anti UV		0.06937.00	[86]
	81 matt		0.06937.00	[87]
	86 Elliptic			
	87 softener			
	wing framing projector		0.01912.00	[21]
	round framing projector		0.01913.00	[21]
	anti-glare louvre		0.01925.00	[21]
	honeycomb louvre (ø 50 mm) for luminaires with Polyblok		0.01906.00	[21]
	anti-glare attachment with honeycomb louvre (ø 50 mm) for luminaires with Polyblok		0.01909.00	[21]
	anti-glare attachment		0.01946.00	[21]
	barn doors		0.01914.00	[21]
possible configuration			0.06937.00	[74]

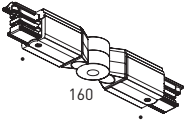
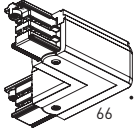
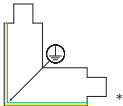
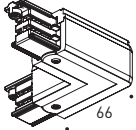
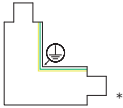
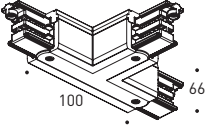
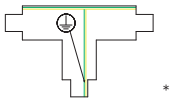
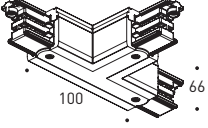
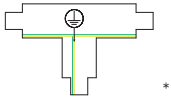
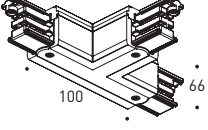
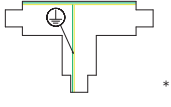
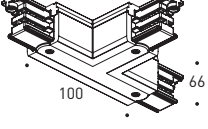
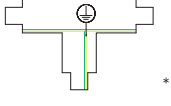
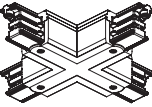
TRACKS

Components for the installation of projectors on 3-circuit track (recessed and surface-mounted)

details		l/mm	reference	finish reference	possible configuration
  32,5 31,5	surface-mounted track mains voltage [16 A at 230V] 3 circuits L1 + L2 + L3 + neutral + earth	2000	0.02240.00	10	0.02240.00_10
		3000	0.02241.00	21	
		4000	0.02242.00	28	
				30	
  32,5 56	recessed track mains voltage [16 A at 230V] 3 circuits L1 + L2 + L3 + neutral + earth	2000	0.02244.00	10	0.02244.00_10
		3000	0.02245.00	21	
		4000	0.02246.00	28	
				30	
	3-circuit adapter with nipples		0.02270.00	10	0.02270.00_10
				21	
				28	
	bending tool		0.02247.00	00	0.02247.00_00
	Blanking cover length 3.000 mm In order to guarantee the IP40 degree of protection, the track needs the relative blanking cover 0.02248.00		0.02248.00	10	0.02248.00_10
  66	live end		0.02251.00	10	0.02251.00_10
				21	
  66	live end mirror image		0.02252.00		
 100	centre feed		0.02253.00	10	0.02253.00_10
				21	
	straight connector		0.02254.00	10	0.02254.00_10
				21	
 175	flexible corner connector		0.02255.00	10	0.02255.00_10
				21	

* view from above

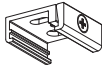
Components for the installation of projectors on 3-circuit track
(recessed and surface-mounted)

details		reference	finish reference	possible configuration
		0.02256.00	10	0.02256.0010
			21	
 	90° elbow earth inside <i>it can be used as live end</i>	0.02257.00	10	0.02257.0010
			21	
 	90° elbow earth inside <i>it can be used as live end</i>	0.02258.00	10	0.02258.0010
			21	
 	T-coupler <i>it can be used as live end</i>	0.02259.00	10	0.02259.0010
			21	
 	T-coupler <i>it can be used as live end</i>	0.02260.00	10	0.02260.0010
			21	
 	T-coupler <i>it can be used as live end</i>	0.02261.00	10	0.02261.0010
			21	
 	T-coupler <i>it can be used as live end</i>	0.02262.00	10	0.02262.0010
			21	
 	X-coupler <i>it can be used as live end</i>	0.02263.00	10	0.02263.0010
			21	
	end cap (dead end)	0.02264.00	10	0.02264.0010
			21	

* view from above

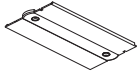
Accessories
for surface-mounted track

	details	reference	finish reference	possible configuration
	ceiling clamp	0.02265.00	10	0.02265.0010

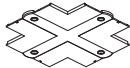


Accessories
for recessed track

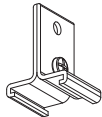
	details	reference	finish reference	possible configuration
	cover plate for feeds	0.02249.00	10 21	0.02249.0010



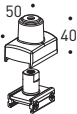
	details	reference	finish reference	possible configuration
			10 21	



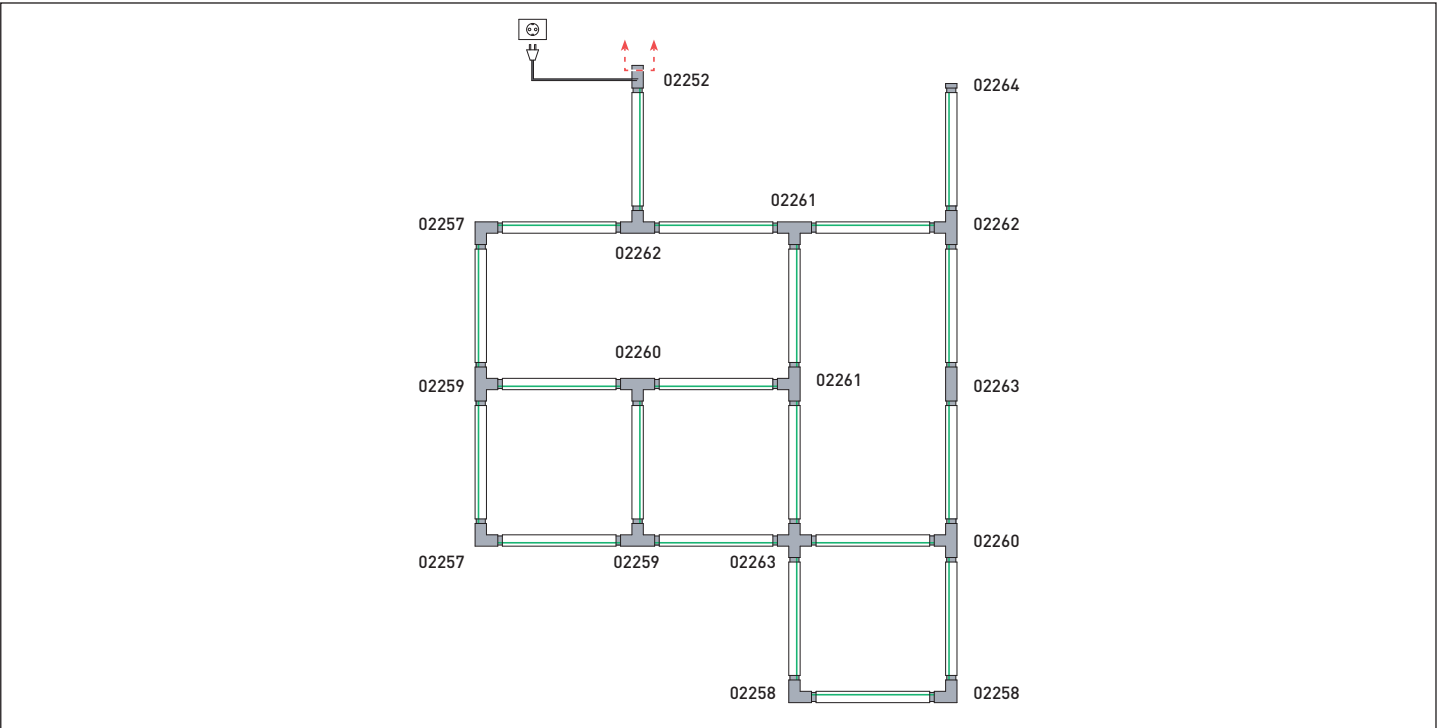
	details	reference	finish reference	possible configuration
			10 30	



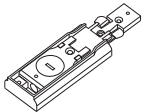
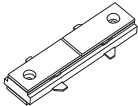
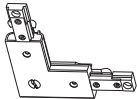
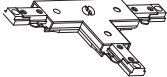
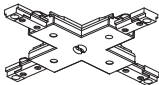
Accessories
for suspended installation

details		reference	finish reference	possible configuration
	point clamp suspension	Ø.02283.00	10	Ø.02283.0010
			21	
	rod suspension set M6 F max 20kg Length: 1.000 mm	Ø.02223.00	10	Ø.02223.0010
			21	
	wire suspension set M6 F max 20kg Length: 1.500 mm	Ø.02224.00	10	Ø.02224.0010
			21	

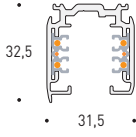
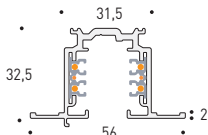
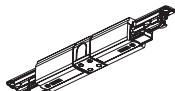
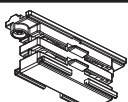
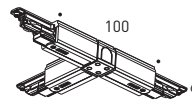
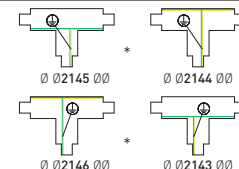
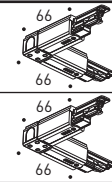
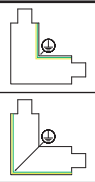
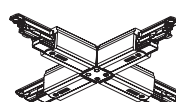
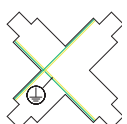
CONFIGURATION EXAMPLE VIEW FROM ABOVE



On ultra-low profile 1-circuit track
(surface mounted)

details		l/mm	reference	finish reference	possible configuration
	surface-mounted track mains voltage (16 A at 230V)	2000	Ø.Ø2112.ØØ	10	Ø.Ø2112.ØØ10
		3000	Ø.Ø2113.ØØ	21	
	adapter with nipples		Ø.Ø2131.ØØ	10	Ø.Ø2131.ØØ10
				21	
	live end		Ø.Ø2120.ØØ	10	Ø.Ø2120.ØØ10
				21	
	straight connector		Ø.Ø2121.ØØ	10	Ø.Ø2121.ØØ10
				21	
	end cap (dead end)		Ø.Ø2122.ØØ	10	Ø.Ø2122.ØØ10
				21	
	L-coupler		Ø.Ø2123.ØØ	10	Ø.Ø2123.ØØ10
				21	
	T-coupler		Ø.Ø2124.ØØ	10	Ø.Ø2124.ØØ10
				21	
	X-coupler		Ø.Ø2125.ØØ	10	Ø.Ø2125.ØØ10
				21	

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.02114.00	10	Ø.02114.00 10
			2000	Ø.02115.00	21	
			3000	Ø.02116.00	28	
			4000	Ø.02117.00		
		3-circuit recessed track with provision for dimming (1-10V DC or DALI)	1000	Ø.02134.00	10	Ø.02134.00 10
			2000	Ø.02135.00	21	
			3000	Ø.02136.00	28	
			4000	Ø.02137.00		
		live end, left side		Ø.02138.00	10	Ø.02138.00 10
					21	
					28	
		live end, right side		Ø.02139.00		
		centre feed		Ø.02140.00	10	Ø.02140.00 10
					21	
					28	
		end cap (dead end)		Ø.02264.00	10	Ø.02264.00 10
					21	
					28	
		ceiling clamp		Ø.02265.00	10	Ø.02264.00 10
					21	
		straight connector		Ø.02147.00	10	Ø.02147.00 10
					21	
					28	
		T-feed / coupler suspension		Ø.02145.00	10	Ø.02245.00 10
				Ø.02144.00	21	
				Ø.02146.00		
				Ø.02143.00		
		L-feed / coupler suspension		Ø.02142.00	10	Ø.02242.00 10
					21	
				Ø.02141.00		
		X-feed / coupler suspension		Ø.02129.00	10	Ø.02143.00 10
					21	

* view from above

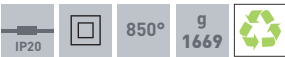
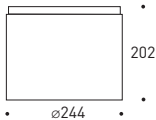
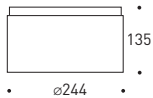


CYL LIGHT

fixed projector

design by: **Fabio Reggiani**

Fixed projector with driver, for compact fluorescent lamps

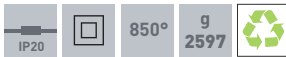


COMPACT

2x13W					
FLU		TC-D (G24d-1) HPF control gear	beam width	finish reference	
				▲	
		Ø.07610.EV	76°	10	
				21	
				28	

2x18W					
FLU		TC-D (G24d-2) HPF control gear	beam width	finish reference	
				▲	
		Ø.07611.EV	90°	10	
				21	
				28	

2x26W				
FLU		TC-D (G24d-3) HPF control gear	beam width	finish reference
				
Ø.07612.EV			94°	<u>10</u>
				<u>21</u>
				<u>28</u>
possible configuration			Ø.07610.EV <u>10</u>	



COMFORT

2x18W					
FLU		TC-D (G24d-2) HPF control gear	beam width	finish reference	
				▲	
		Ø.07630.EV	94°	10	
				21	
				28	

2x26W				
FLU		TC-D (G24d-3) HPF control gear	beam width	finish reference
			▲	
Ø.07631.EV			94°	10
				21
				28
possible configuration			Ø.07630.EV10	

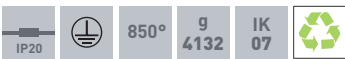
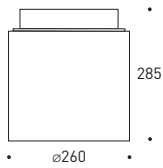
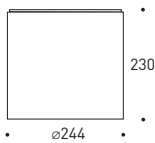


Accessories (pg. 563).



Accessories (pg. 563).

Fixed projector with driver, for halogen lamps

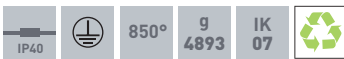


1x70W

HALO		HIT-DE (RX7s) HPF control gear	beam width	finish reference
Ø.07665.EV			94°	[10]
				[21]
				[28]

1x150W

HALO		HIT-DE (RX7s) HPF control gear	beam width	finish reference
Ø.07666.EV			94°	[10]
				[21]
				[28]
possible configuration			Ø.07665.EV_[10]	



1x70W

HALO		HIT-DE (RX7s) HPF control gear	beam width	finish reference
Ø.07870.EV			82°	[10]
				[21]
				[28]

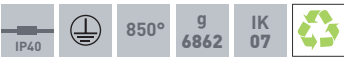
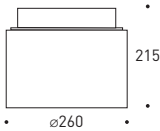
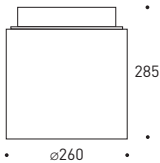
1x150W

HALO		HIT-DE (RX7s) HPF control gear	beam width	finish reference
Ø.07871.EV			88°	[10]
				[21]
				[28]
possible configuration			Ø.07870.EV_[10]	

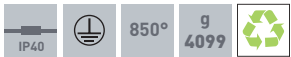


Accessories [pg. 563].

Fixed projector with driver, for halogen lamps compact fluorescent lamps



1x250W				
HALO		HIT-DE (FC2) HPF control gear	beam width	finish reference
			▲	
		Ø.07692.EV	52°	[10] [21] [28]
possible configuration			Ø.07870.EV[10]	



2x26 W				
FLU		TC-D (G24d-3) HPF control gear	beam width	finish reference
			▲	
		Ø.07652.EV	124°	[10] [21] [28]

2x26 W				
FLU		TC-DE (G24q-3) HF control gear	beam width	finish reference
			▲	
		Ø.07672.00	124°	[10] [21] [28]
possible configuration			Ø.07652.EV[10]	

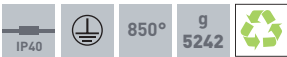
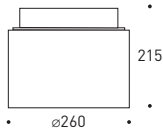
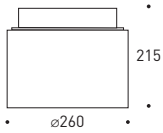


Accessories (pg. 563).



Accessories (pg. 563).

Fixed projector with driver, for compact fluorescent lamps



2x26W

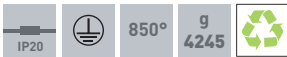
FLU	TC-D [G24d-3] HPF control gear	beam width	finish reference
for maintained illumination when used as emergency lightingTC-D / G24d-3 + TC-DE / G24q-3		▲	
Ø.07658.EV		84°	[10] [21] [28]

2x26W

FLU	TC-DE [G24q-3] HF control gear	beam width	finish reference
for maintained illumination when used as emergency lighting		▲	
Ø.07678.00		84°	[10] [21] [28]
possible configuration		Ø.07658.EV _[10]	



Accessories [pg. 563].



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		▲	
Ø.07654.EV		94°	[10] [21] [28]

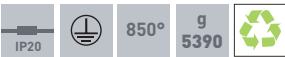
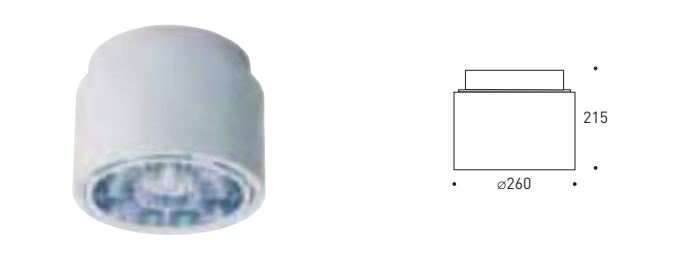
2x26W

FLU	TC-DE [G24q-3] HF control gear	beam width	finish reference
for maintained illumination when used as emergency lighting		▲	
Ø.07687.00		94°	[10] [21] [28]
possible configuration		Ø.07654.EV _[10]	



Accessories [pg. 563].

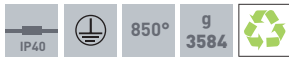
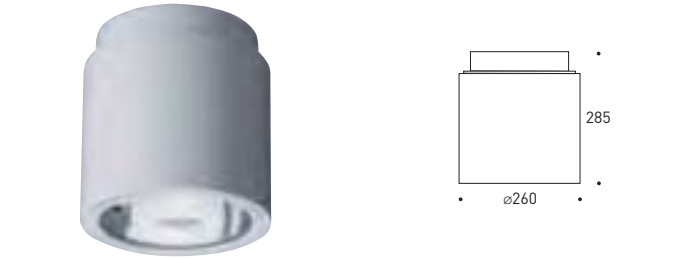
Fixed projector with driver, for compact fluorescent lamps



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.07694.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.07668.00			84°	10 21 28
possible configuration			Ø.07694.EV10	



2x32W	FLU	TC-TE (GX24q-3) HPF control gear	beam width	finish reference
			▲	
Ø.07815.00			112°	10 21 28

2x42W	FLU	TC-TE (GX24q-4) HF control gear	beam width	finish reference
			▲	
Ø.07820.00			120°	10 21 28
possible configuration			Ø.07815.0010	

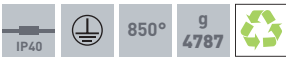
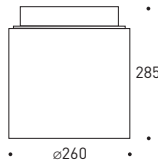
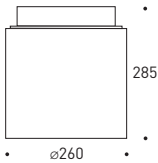


Accessories (pg. 563).



Accessories (pg. 563).

Fixed projector with driver, for compact fluorescent lamps

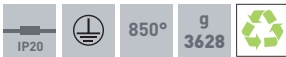


2x32W

FLU	TC-TE (GX24q-3) HPF control gear	beam width	finish reference
for maintained illumination when used as emergency lighting		▲	
0.07816.00		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		▲	
0.07821.00		84°	10
			21
			28
possible configuration		0.07816.00_10	



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		▲	
0.07825.00		102°	10
			21
			28

2x42W

FLU	TC-TE (GX24q-4) HF control gear	beam width	finish reference
for maintained illumination when used as emergency lighting		▲	
0.07830.00		104°	10
			21
			28
possible configuration		0.07825.00_10	

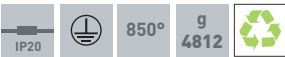
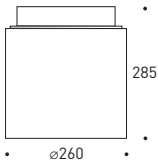


Accessories (pg. 563).



Accessories (pg. 563).

Fixed projector with driver, for compact fluorescent lamps



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.07826.00			102°	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.07831.00			104°	10
				21
				28
possible configuration			Ø.07826.00 10	



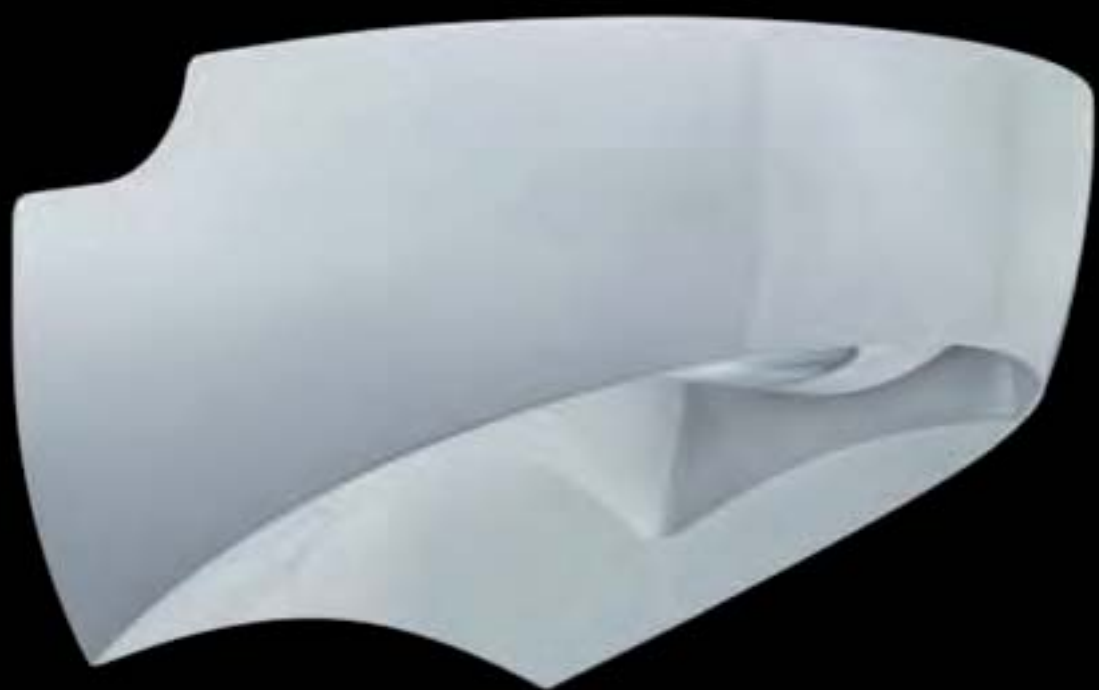
Accessories (pg. 563).

Accessories
compact fluorescent lamps

CYL LIGHT Ø 244		details	reference	finish reference
	pendant with rod		0. 06999. 00	10
				21
				28
possible configuration			0. 06999. 00	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.	0.06998.00	[10]
			[21]
			[28]
	kit for fixing Cyl Light Ø 260 projectors (except for versions with emergency pack) on Reggiani surface mounted 3-circuit tracks	0.06995.00	[10]
			[21]
			[28]
possible configuration		0.06998.00	[10]

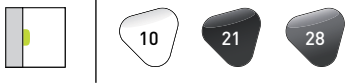


NARANCIA

fixed / adjustable projector

design by: **Fabio Reggiani**

Fixed wall mounted projector with direct and indirect light distribution



3x13 W				▼ 3000 lm / ▲ 4500 lm			
LED	driver reference	product reference	beam width		lumen reference		finish reference
		IOS LL6	IOS LL2				
				nom. lm	K	CRI	
€	Ø	07090	asymmetric indirect	HW	1148	2700 >90	10
			direct 51°	HQ	1221	3000 >90	21
				WW	1500	3000 >80	28
				NN	1661	4000 >80	
			possible configuration	Ø, 07090, HQ, 10			

3x13 W				▼ 3000 lm / ▲ 4500 lm			
LED	driver reference	product reference	beam width		lumen reference		finish reference
		IOS LL6	IOS LL2				
				nom. lm	K	CRI	
	Ø*	B7090	asymmetric indirect	HW	1148	2700 >90	10
			direct 51°	HQ	1221	3000 >90	21
				WW	1500	3000 >80	28
				NN	1661	4000 >80	
			possible configuration	Ø, B7090, HQ, 10			

* With built-in dimmer for luminous intensity adjustment of each single luminaire

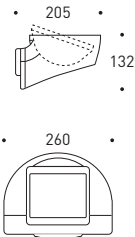


Accessories [pg. 571].
Photometric data [pg. 704-705 / 735].



Accessories [pg. 571].
Photometric data [pg. 704-705 / 735].

Fixed wall mounted projector with direct/indirect light distribution for double-ended metal halide lamps, halogen lamps and compact fluorescent lamps



1x20W					
MH		CDM-TC (G8.5) HF control gear	beam width	finish reference	
			▲		
Ø.11009.00			/	10	
				21	
				28	

1x13W					
FLU		TC-T (GX24d-1) HPF control gear	beam width	finish reference	
			▲		
Ø.11020.EV			/	10	
				21	
				28	

1x35W					
MH		CDM-TC (G8.5) HF control gear	beam width	finish reference	
			▲		
Ø.11011.00			/	10	
				21	
				28	

1x13W					
FLU		TC-TE (GX24q-1) HF control gear	beam width	finish reference	
			▲		
Ø.11019.00			/	10	
				21	
				28	

1x70W					
MH		CDM-TC (G8.5) HF control gear	beam width	finish reference	
			▲		
Ø.11013.00			/	10	
				21	
				28	

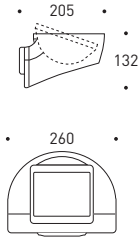
1x18W					
FLU		TC-T (GX24d-2) HPF control gear	beam width	finish reference	
			▲		
Ø.11022.EV			/	10	
				21	
				28	

1x120W					
HALO		QT-DE (R7s) mains voltage	beam width	finish reference	
			▲		
Ø.11026.00			/	10	
				21	
				28	

1x18W					
FLU		TC-TE (GX24q-2) HF control gear	beam width	finish reference	
			▲		
Ø.11021.00			/	10	
				21	
				28	

possible configuration Ø.11009.00_10

Fixed wall mounted projector with direct/indirect light distribution for double-ended metal halide lamps, halogen lamps and compact fluorescent lamps



1x20W	MH		CDM-TC (G8.5) HF control gear	beam width	finish reference
				▲	
				asymmetric	<u>10</u> <u>21</u> <u>28</u>

1x35W	MH		CDM-TC (G8.5) HF control gear	beam width	finish reference
				▲	
				asymmetric	<u>10</u> <u>21</u> <u>28</u>

1x70W	MH		CDM-TC (G8.5) HF control gear	beam width	finish reference
				▲	
				asymmetric	<u>10</u> <u>21</u> <u>28</u>

1x120W	HALO		QT-DE (R7s) mains voltage	beam width	finish reference
				▲	
				asymmetric	<u>10</u> <u>21</u> <u>28</u>

1x13W	FLU		TC-T (GX24d-1) HPF control gear	beam width	finish reference
				▲	
				110°	<u>10</u> <u>21</u> <u>28</u>

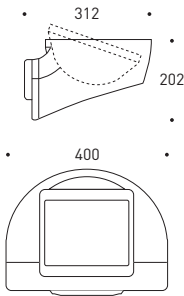
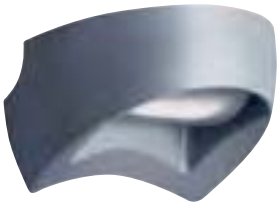
1x13W	FLU		TC-TE (GX24q-1) HF control gear	beam width	finish reference
				▲	
				110°	<u>10</u> <u>21</u> <u>28</u>

1x18W	FLU		TC-T (GX24d-2) HPF control gear	beam width	finish reference
				▲	
				110°	<u>10</u> <u>21</u> <u>28</u>

1x13W	FLU		TC-TE (GX24q-2) HF control gear	beam width	finish reference
				▲	
				110°	<u>10</u> <u>21</u> <u>28</u>

possible configuration	0.11009.00 <u>10</u>

Fixed wall mounted projector with direct/indirect light distribution for halogen lamps and compact fluorescent lamps



1x70W

HALO		HIT-DE (RX7s) HF control gear	beam width	finish reference
			▲	
Ø.11043.00			/	10
				21
				28

1x230W

HALO		QT-DE (R7s) mains voltage	beam width	finish reference
			▲	
Ø.11078.00			/	10
				21
				28

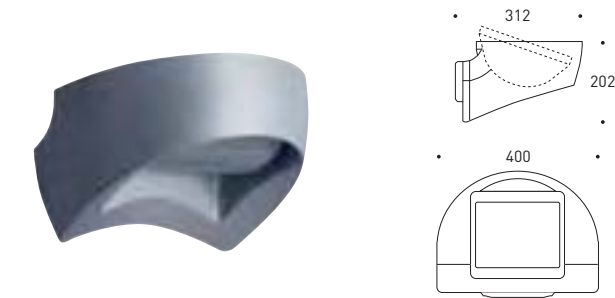
2x32W

FLU		TC-TE (GX24q-3) HF control gear	beam width	finish reference
			▲	
Ø.11073.00			/	10
for maintained illumination when used as emergency lighting				21
Ø.11097.00			/	28

2x42W

FLU		TC-TE (GX24q-4) HF control gear	beam width	finish reference
			▲	
Ø.11075.00			/	10
for maintained illumination when used as emergency lighting				21
Ø.11099.00			/	28
possible configuration			Ø.11043.00 10	

Fixed wall mounted projector with direct/indirect light distribution for halogen lamps and compact fluorescent lamps



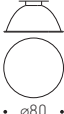
1x70W				
HALO		HIT-DE (RX7s) HF control gear	beam width	finish reference
			asymmetric	<u>10</u>
				<u>21</u>
				<u>28</u>

1x230W				
HALO		QT-DE (R7s) mains voltage	beam width	finish reference
			asymmetric	<u>10</u>
				<u>21</u>
				<u>28</u>

2x32W				
FLU		TC-TE (GX24q-3) HF control gear	beam width	finish reference
			108°	<u>10</u>
		for maintained illumination when used as emergency lighting		<u>21</u>
			108°	<u>28</u>

2x42W				
FLU		TC-TE (GX24q-4) HF control gear	beam width	finish reference
			108°	<u>10</u>
		for maintained illumination when used as emergency lighting		<u>21</u>
			108°	<u>28</u>
		possible configuration		<u>10</u>

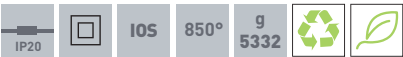
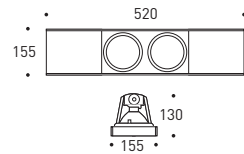
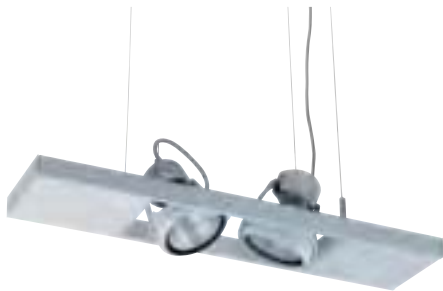
Accessories
LED

NARANCIA	details	IOS	▲	reference	finish reference		
LED IOS LL2	 • ø80 •	interchangeable optical system		A 11°	0.35050.00	00	
				B 15°	0.35049.00		
				C 21°	0.35051.00		
				D 29°	0.35052.00		
				E 51°	0.35053.00		
				F Mira*	0.35054.00		
				H W. W.	0.35059.00		
LED IOS LL2 FOOD	 • ø80 •	interchangeable optical system with selective filters		11°	0.35050.00	64	
				15°	0.35049.00	65	
		IOS LL2			21°	0.35051.00	66
					29°	0.35052.00	67
					51°	0.35053.00	
* elliptical beam							
possible configuration				0.35005.00 00			



LADDER

Pendant lighting system with 2 optical compartments (adjustable via universal joint), LEDs and control gear technology

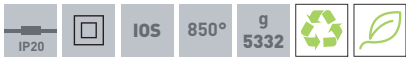


2x13 W		1500 lm			
LED	luminaire reference	optics	lumen reference		finish reference
			nom. lm	K	CRI
Ø.BBØRK	without optics	HQ	1221	3000	>90
		WW	1500	3000	>80
		NN	1661	4000	>80
possible configuration		Ø.BBØRK HQ 28			

optics reference	
IOS LL2	
Ø.35050.00	11°
Ø.35049.00	15°
Ø.35051.00	21°
Ø.35052.00	29°
Ø.35053.00	51°
Ø.35054.00	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.



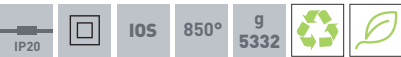
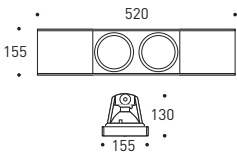
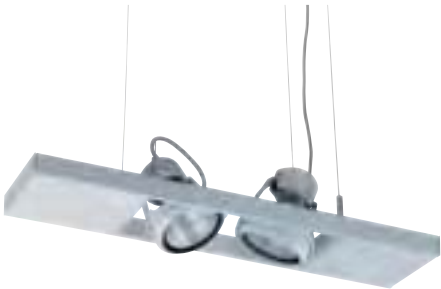
2x22 W		2500 lm				
LED	luminaire reference	optics	lumen reference			finish reference
				nom. lm	K	CRI
Ø.BBØJK	without optics	HQ	2038	3000	>90	28
		WW	2650	3000	>80	
		NN	2759	4000	>80	
possible configuration		Ø.BBØJK HQ 28				

optics reference	
IOS LL2	
Ø.35050.00	11°
Ø.35049.00	15°
Ø.35051.00	21°
Ø.35052.00	29°
Ø.35053.00	51°
Ø.35054.00	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.

Pendant lighting system with 2 optical compartments (adjustable via universal joint), LEDs and control gear technology



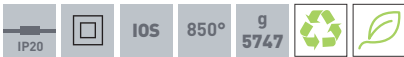
2x30 W		3500 lm				
LED	luminaire reference	optics	lumen reference			finish reference
		nom. lm			K	CRI
Ø.BBØVK	without optics	HQ	2944	3000	>90	28
		WW	3617	3000	>80	
		NN	3798	4000	>80	
possible configuration		Ø.BBØVK HQ 28				



optics reference	
IOS LL2	
Ø.35050.00	11°
Ø.35049.00	15°
Ø.35051.00	21°
Ø.35052.00	29°
Ø.35053.00	51°
Ø.35054.00	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.



2x38 W		4000 lm				
LED	luminaire reference	optics	lumen reference			finish reference
		nom. lm			K	CRI
Ø.BBØKK	without optics	HQ	3578	3000	>90	28
		WW	4329	3000	>80	
		NN	4480	4000	>80	
possible configuration		Ø.BBØKK HQ 28				

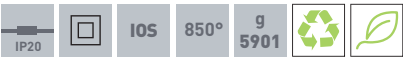
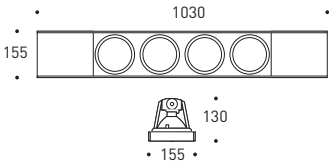


optics reference	
IOS LL7	
Ø.35169.00	14°
Ø.35170.00	21°
Ø.35171.00	30°
Ø.35172.00	36°
Ø.35173.00	40°
Ø.35174.00	69°
Ø.35175.00	Mira

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.

Pendant lighting system with 4 optical compartments (adjustable via universal joint), LEDs and control gear technology



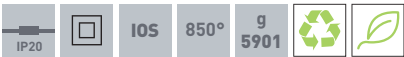
4x13 W		1500 lm				
LED	luminaire reference	optics	lumen reference		finish reference	
			nom. lm	K	CRI	
Ø.BB0TK	without optics	HQ	1221	3000	>90	28
		WW	1500	3000	>80	
		NN	1661	4000	>80	
possible configuration			Ø.BB0TK HQ 28			



optics reference		
IOS LL2		
Ø.35050.00	11°	
Ø.35049.00	15°	
Ø.35051.00	21°	
Ø.35052.00	29°	
Ø.35053.00	51°	
Ø.35054.00	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.



4x22 W			2500 lm			
LED	luminaire reference	optics	lumen reference		finish reference	
			nom. lm	K	CRI	
Ø.BB0WK	without optics	HQ	2038	3000	>90	28
		WW	2650	3000	>80	
		NN	2759	4000	>80	
possible configuration			Ø.BB0WK HQ 28			

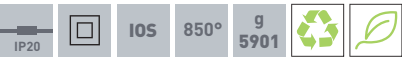
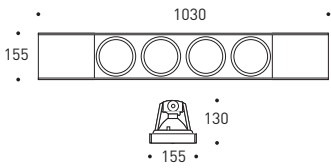
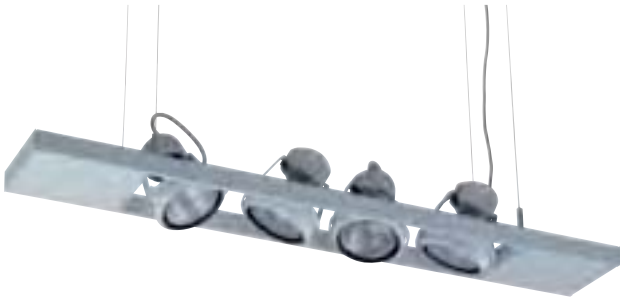


optics reference		
IOS LL2		
Ø.35050.00	11°	
Ø.35049.00	15°	
Ø.35051.00	21°	
Ø.35052.00	29°	
Ø.35053.00	51°	
Ø.35054.00	Mira	

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.

Pendant lighting system with 4 optical compartments (adjustable via universal joint), LEDs and control gear technology



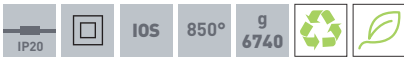
4x30 W		3500 lm				
LED	luminaire reference	optics	lumen reference			finish reference
			nom. lm	K	CRI	
Ø.BBØZK	without optics	HQ	2944	3000	>90	28
		WW	3617	3000	>80	
		NN	3798	4000	>80	
possible configuration			Ø.BBØZK HQ 28			



optics reference	
IOS LL2	
Ø.35050.00	11°
Ø.35049.00	15°
Ø.35051.00	21°
Ø.35052.00	29°
Ø.35053.00	51°
Ø.35054.00	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.



4x38 W		4000 lm					
LED	luminaire reference	optics	lumen reference			finish reference	
			nom. lm	K	CRI		
Ø.BBØXK	without optics		HQ	3578	3000	>90	28
			WW	4329	3000	>80	
			NN	4480	4000	>80	
possible configuration			Ø.BBØXK HQ 28				

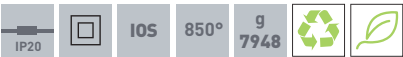
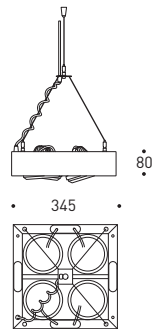


optics reference	
IOS LL7	
Ø.35169.00	14°
Ø.35170.00	21°
Ø.35171.00	30°
Ø.35172.00	36°
Ø.35173.00	40°
Ø.35174.00	69°
Ø.35175.00	Mira

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.

Pendant lighting system with 4 optical compartments (adjustable via universal joint), LEDs and control gear technology



4x13 W		1500 lm				
LED	luminaire reference	optics	lumen reference			finish reference
			nom. lm	K	CRI	
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

• 80 •

0.35050.00

11°

0.35049.00

15°

0.35051.00

21°

0.35052.00

29°

0.35053.00

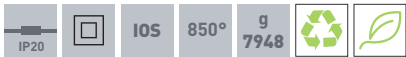
51°

0.35054.00

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.



4x22 W		2500 lm				
LED	luminaire reference	optics	lumen reference			finish reference
			nom. lm	K	CRI	
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

0.35050.00

11°

0.35049.00

15°

0.35051.00

21°

0.35052.00

29°

0.35053.00

51°

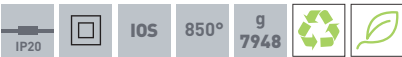
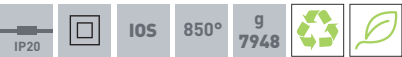
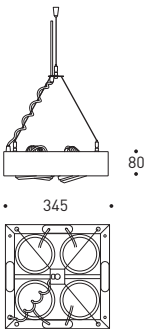
0.35054.00

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.

Pendant lighting system with 4 optical compartments (adjustable via universal joint), LEDs and control gear technology



4x30 W		3500 lm				
LED	luminaire reference	optics	lumen reference			finish reference
			nom. lm	K	CRI	
0.FB0ZK	without optics	HQ	2944	3000	>90	28
		WW	3617	3000	>80	
		NN	3798	4000	>80	
possible configuration			0.FB0ZK, HQ, 28			

4x38 W		4000 lm				
LED	luminaire reference	optics	lumen reference			finish reference
			nom. lm	K	CRI	
0.FB0XK	without optics	HQ	3578	3000	>90	28
		WW	4329	3000	>80	
		NN	4480	4000	>80	
possible configuration			0.FB0XK- <u>HQ</u> - <u>28</u>			

optics reference	
IOS LL2	
0.35050.00	11°
0.35049.00	15°
0.35051.00	21°
0.35052.00	29°
0.35053.00	51°
0.35054.00	Mira

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

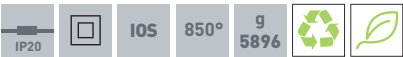
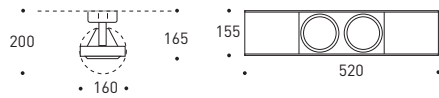
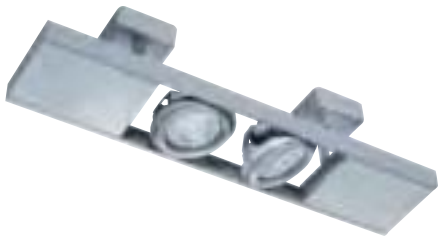
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

optics reference	
IOS LL7	
0.35169.00	14°
0.35170.00	21°
0.35171.00	30°
0.35172.00	36°
0.35173.00	40°
0.35174.00	69°
0.35175.00	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.

Surface-mounted lighting system with 2 optical compartments adjustable via universal joint



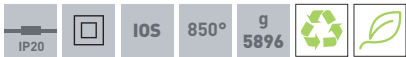
2x13 W		1500 lm				
LED	luminaire reference	optics	lumen reference		finish reference	
			nom. lm	K	CRI	
0.CB0RK	without optics	HQ	1221	3000	>90	28
		WW	1500	3000	>80	
		NN	1661	4000	>80	
possible configuration			0.CB0RK HQ 28			



optics reference	
IOS LL2	
0.35050.00	11°
0.35049.00	15°
0.35051.00	21°
0.35052.00	29°
0.35053.00	51°
0.35054.00	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.



2x22 W		2500 lm					
LED	luminaire reference	optics	lumen reference			finish reference	
				nom. lm	K	CRI	
	0.CB0JK	without optics	HQ	2038	3000	>90	28
			WW	2650	3000	>80	
			NN	2759	4000	>80	
possible configuration			0.CB0JK HQ 28				

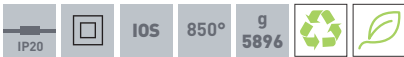
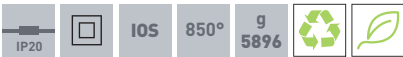
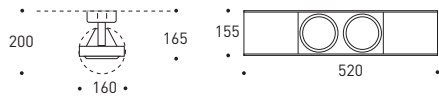
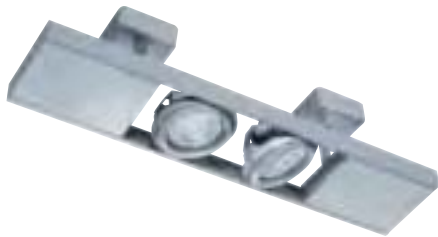


optics reference	
IOS LL2	
0.35050.00	11°
0.35049.00	15°
0.35051.00	21°
0.35052.00	29°
0.35053.00	51°
0.35054.00	Mira

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.

Surface-mounted lighting system with 2 optical compartments adjustable via universal joint



2x30 W		3500 lm					
LED	luminaire reference	optics	lumen reference			finish reference	
				nom. lm	K	CRI	
	0.CB0VK	without optics	HQ	2944	3000	>90	28
			WW	3617	3000	>80	
			NN	3798	4000	>80	
possible configuration			0.CB0VK HQ 28				

2x38 W			4000 lm			
LED	luminaire reference	optics	lumen reference			finish reference
			nom. lm	K	CRI	
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 LL2	
0.35050.00	11°
0.35049.00	15°
0.35051.00	21°
0.35052.00	29°
0.35053.00	51°
0.35054.00	Mira

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

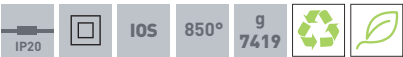
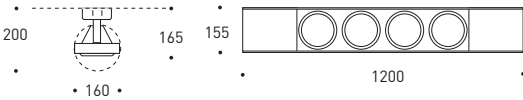
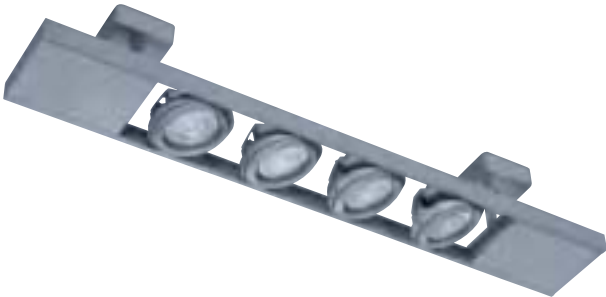
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

optics reference	
IOS LL7	
0.35169.00	14°
0.35170.00	21°
0.35171.00	30°
0.35172.00	36°
0.35173.00	40°
0.35174.00	69°
0.35175.00	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.

Surface-mounted lighting system with 4 optical compartments adjustable via universal joint



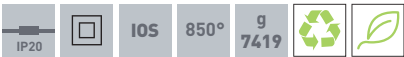
4x13 W		1500 lm				
LED	luminaire reference	optics	lumen reference		finish reference	
			nom. lm	K	CRI	
0.CB0TK	without optics	HQ	1221	3000	>90	28
		WW	1500	3000	>80	
		NN	1661	4000	>80	
possible configuration			0.CB0TK HQ 28			



optics reference	
IOS LL2	
0.35050.00	11°
0.35049.00	15°
0.35051.00	21°
0.35052.00	29°
0.35053.00	51°
0.35054.00	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.



4x22 W			2500 lm			
LED	luminaire reference	optics	lumen reference		finish reference	
			nom. lm	K	CRI	
0.CB0WK	without optics	HQ	2038	3000	>90	28
		WW	2650	3000	>80	
		NN	2759	4000	>80	
possible configuration			0.CB0WK HQ 28			

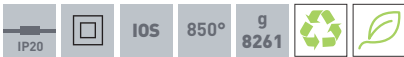
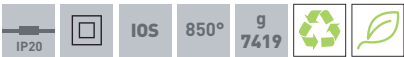
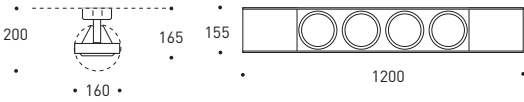
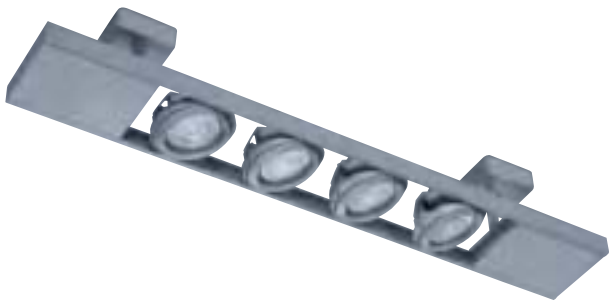


optics reference	
IOS LL2	
0.35050.00	11°
0.35049.00	15°
0.35051.00	21°
0.35052.00	29°
0.35053.00	51°
0.35054.00	Mira

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.

Surface-mounted lighting system with 4 optical compartments adjustable via universal joint



4x30 W		3500 lm					
LED	luminaire reference	optics	lumen reference			finish reference	
				nom. lm	K	CRI	
	0.CB0ZK	without optics	HQ	2944	3000	>90	28
			WW	3617	3000	>80	
			NN	3798	4000	>80	
possible configuration			0.CB0ZK_1HQ_128_1				

4x38 W		4000 lm					
LED	luminaire reference	optics	lumen reference			finish reference	
			nom. lm	K	CRI		
	0.CBOXK	without optics	HQ	3578	3000	>90	28
			WW	4329	3000	>80	
			NN	4480	4000	>80	
possible configuration			0.CBOXK HQ 28				

optics reference	
IOS LL2	
0.35050.00	11°
0.35049.00	15°
0.35051.00	21°
0.35052.00	29°
0.35053.00	51°
0.35054.00	Mira

optics reference	
IOS LL7	
0.35169.00	14°
0.35170.00	21°
0.35171.00	30°
0.35172.00	36°
0.35173.00	40°
0.35174.00	69°
0.35175.00	Mira

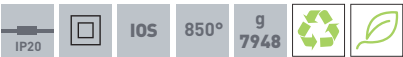
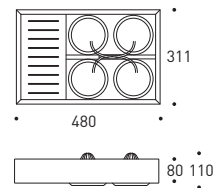
In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

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.

Surface-mounted lighting system with 4 optical compartments adjustable via universal joint



4x13 W		1500 lm				
LED	luminaire reference	optics	lumen reference			finish reference
			nom. lm	K	CRI	
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

0.35050.00

11°

0.35049.00

15°

0.35051.00

21°

0.35052.00

29°

0.35053.00

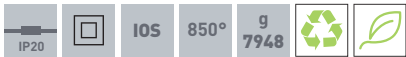
51°

0.35054.00

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.



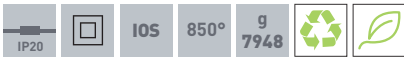
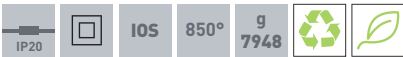
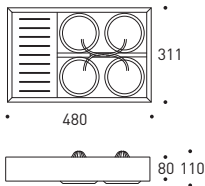
4x22 W		2500 lm				
LED	luminaire reference	optics	lumen reference			finish reference
			nom. lm	K	CRI	
0.DB0WK	without optics	HQ	2038	3000	>90	28
		WW	2650	3000	>80	
		NN	2759	4000	>80	
possible configuration		0.DB0WK HQ 28				

</

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.

Surface-mounted lighting system with 4 optical compartments adjustable via universal joint



4x30 W		3500 lm				
LED	luminaire reference	optics	lumen reference			finish reference
				nom. lm	K	CRI
0.DB0ZK	without optics	HQ	2944	3000	>90	28
		WW	3617	3000	>80	
		NN	3798	4000	>80	
possible configuration		0.DB0ZK HQ 28				

4x38 W		4000 lm				
LED	luminaire reference	optics	lumen reference			finish reference
			nom. lm	K	CRI	
0.DBOXK	without optics	HQ	3578	3000	>90	28
		WW	4329	3000	>80	
		NN	4480	4000	>80	
possible configuration			0.DBOXK HQ 28			

optics reference	
IOS LL2	
Ø.35050.00	11°
Ø.35049.00	15°
Ø.35051.00	21°
Ø.35052.00	29°
Ø.35053.00	51°
Ø.35054.00	Mira

optics reference	
IOS LL7	
Ø.35169.00	14°
Ø.35170.00	21°
Ø.35171.00	30°
Ø.35172.00	36°
Ø.35173.00	40°
Ø.35174.00	69°
Ø.35175.00	Mira

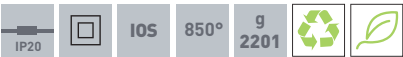
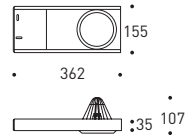
In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

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.

Surface-mounted lighting system with 1 optical compartment (adjustable via universal joint), LEDs and control gear technology

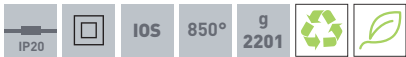


1x13 W		1500 lm					
LED	luminaire reference	optics	lumen reference			finish reference	
			nom. lm	K	CRI		
0.GB03K	without optics		HQ	1221	3000	>90	28
			WW	1500	3000	>80	
			NN	1661	4000	>80	
possible configuration			0.GB03K HQ 28				

optics reference	
IOS LL2	
0.35050.00	11°
0.35049.00	15°
0.35051.00	21°
0.35052.00	29°
0.35053.00	51°
0.35054.00	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.



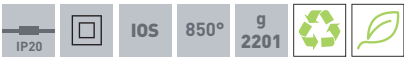
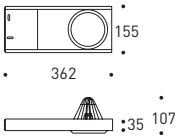
1x22 W			2500 lm				
LED	luminaire reference	optics	lumen reference			finish reference	
				nom. lm	K	CRI	
	0.GB05K	without optics	HQ	2038	3000	>90	28
			WW	2650	3000	>80	
			NN	2759	4000	>80	
possible configuration			0.GB05K HQ 28				

optics reference	
IOS LL2	
0.35050.00	11°
0.35049.00	15°
0.35051.00	21°
0.35052.00	29°
0.35053.00	51°
0.35054.00	Mira

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

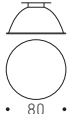
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

Surface-mounted lighting system with 1 optical compartment (adjustable via universal joint), LEDs and control gear technology



1x30 W		3500 lm			
LED	luminaire reference	optics	lumen reference		finish reference
			nom. lm	K	CRI
0.GB07K	without optics	HQ	2944	3000	>90
		WW	3617	3000	>80
		NN	3798	4000	>80
possible configuration			0.GB07K HQ 28		

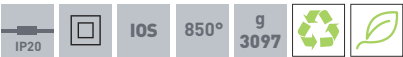
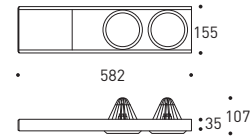


optics reference	
IOS LL2	
	
0.35050.00	11°
0.35049.00	15°
0.35051.00	21°
0.35052.00	29°
0.35053.00	51°
0.35054.00	Mira

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.

Surface-mounted lighting system with 2 optical compartments (adjustable via universal joint), LEDs and control gear technology

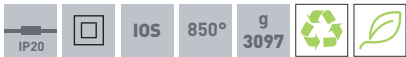


2x13 W		1500 lm			
LED	luminaire reference	optics	lumen reference		finish reference
			nom. lm	K	CRI
0.GB0RK	without optics	HQ	1221	3000	>90
		WW	1500	3000	>80
		NN	1661	4000	>80
possible configuration			0.GB0RK HQ 28		

optics reference	
IOS LL2	
Ø.35050.00	11°
Ø.35049.00	15°
Ø.35051.00	21°
Ø.35052.00	29°
Ø.35053.00	51°
Ø.35054.00	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.



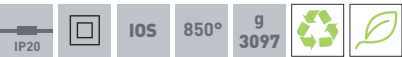
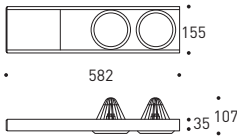
2x22 W		2500 lm				
LED	luminaire reference	optics	lumen reference			finish reference
			nom. lm	K	CRI	
0.GB0JK	without optics	HQ	2038	3000	>90	28
		WW	2650	3000	>80	
		NN	2759	4000	>80	
possible configuration		0.GB0JK HQ 28				

optics reference	
IOS LL2	
Ø.35050.00	11°
Ø.35049.00	15°
Ø.35051.00	21°
Ø.35052.00	29°
Ø.35053.00	51°
Ø.35054.00	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.

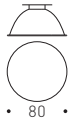
Surface-mounted lighting system with 2 optical compartments (adjustable via universal joint), LEDs and control gear technology



2x30 W		3500 lm				
LED	luminaire reference	optics	lumen reference			finish reference
			nom. lm	K	CRI	
0.6B0VK	without optics	HQ	2944	3000	>90	28
		WW	3617	3000	>80	
		NN	3798	4000	>80	
possible configuration			0.6B0VK HQ 28			

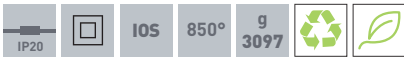


optics reference	
IOS LL2	
Ø.35050.00	11°
Ø.35049.00	15°
Ø.35051.00	21°
Ø.35052.00	29°
Ø.35053.00	51°
Ø.35054.00	Mira



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.



2x38 W		4000 lm				
LED	luminaire reference	optics	lumen reference			finish reference
			nom. lm	K	CRI	
0.GB0KK	without optics	HQ	3578	3000	>90	28
		WW	4329	3000	>80	
		NN	4480	4000	>80	
possible configuration			0.GB0KK HQ 28			



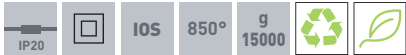
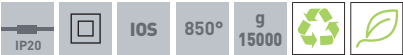
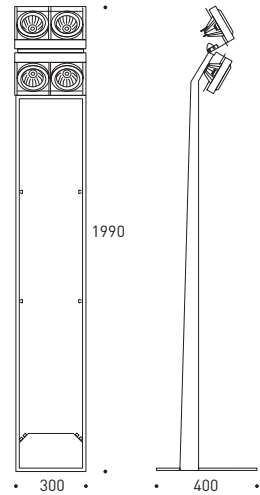
optics reference	
IOS LL7	
Ø.35169.00	14°
Ø.35170.00	21°
Ø.35171.00	30°
Ø.35172.00	36°
Ø.35173.00	40°
Ø.35174.00	69°
Ø.35175.00	Mira



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.

Surface-mounted lighting system with 2 optical compartments (adjustable via universal joint), LEDs and control gear technology



4x13 W		1500 lm				
LED	luminaire reference	optics	lumen reference			finish reference
			nom. lm	K	CRI	
0.0F4TK	without optics	HQ	1221	3000	>90	28
		WW	1500	3000	>80	
		NN	1661	4000	>80	
possible configuration			0.0F4TK_28_HQ			

optics reference	
IOS LL2	
Ø.35050.00	11°
Ø.35049.00	15°
Ø.35051.00	21°
Ø.35052.00	29°
Ø.35053.00	51°
Ø.35054.00	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.

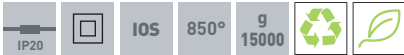
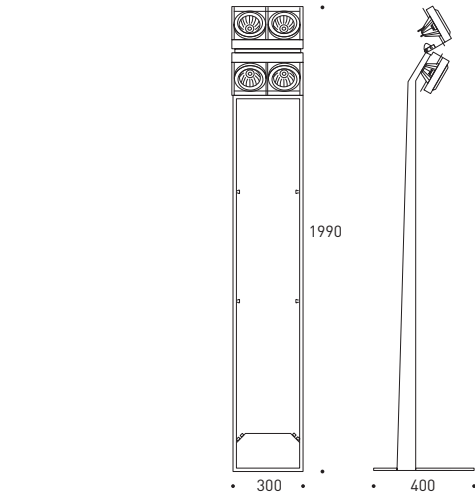
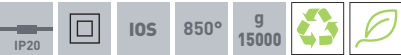
4x22 W		2500 lm				
LED	luminaire reference	optics	lumen reference			finish reference
			nom. lm	K	CRI	
0.0F4WK	without optics	HQ	2038	3000	>90	28
		WW	2650	3000	>80	
		NN	2759	4000	>80	
possible configuration		0.0F4WK HQ 28				

optics reference	
IOS LL2	
Ø.35050.00	11°
Ø.35049.00	15°
Ø.35051.00	21°
Ø.35052.00	29°
Ø.35053.00	51°
Ø.35054.00	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.

Surface-mounted lighting system with 2 optical compartments (adjustable via universal joint), LEDs and control gear technology



4x30 W		3500 lm				
LED	luminaire reference	optics	lumen reference			finish reference
			nom. lm	K	CRI	
0.0F4ZK	without optics	HQ	2944	3000	>90	28
		WW	3617	3000	>80	
		NN	3798	4000	>80	
possible configuration			0.0F4ZK_HQ_28			

4x38 W		4000 lm				
LED	luminaire reference	optics	lumen reference			finish reference
			nom. lm	K	CRI	
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 LL2	
0.35050.00	11°
0.35049.00	15°
0.35051.00	21°
0.35052.00	29°
0.35053.00	51°
0.35054.00	Mira

In order to achieve the desired lighting configuration, the luminaire is supplied without interchangeable optics.

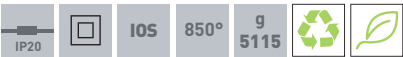
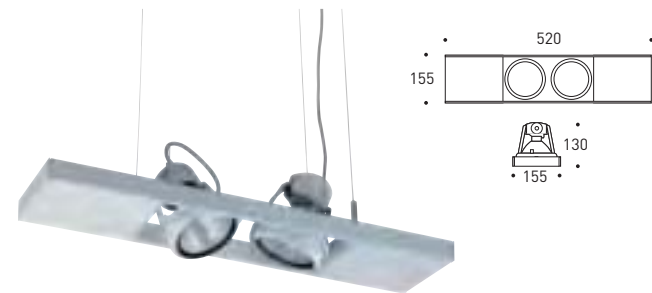
When ordering, the luminaire ref. and the LL2 IOS optics ref. must be indicated.

optics reference	
IOS LL7	
0.35169.00	14°
0.35170.00	21°
0.35171.00	30°
0.35172.00	36°
0.35173.00	40°
0.35174.00	69°
0.35175.00	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.

Pendant lighting system with 2 or 4 optical compartments (adjustable via universal joint), IOS optics and control gear technology for metal halide lamps



MH IOS	MT G12	optical compartment reference	finish reference

2x20 W	Ø.S8640.00	[28]
2x35 W	Ø.S5218.00	[28]
2x70 W	Ø.S5219.00	[28]



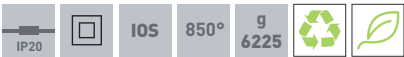
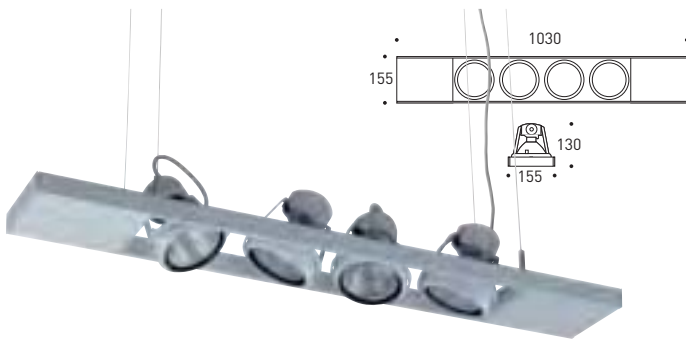
optics IOS MH3



Ø.11305.00	12° - 14°
Ø.11306.00	24° - 22° - 24°
Ø.11307.00	74° - 78°
Ø.11308.00	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.



MH IOS	MT G12	optical compartment reference	finish reference

4x20 W	Ø.S8300.00	[28]
4x35 W	Ø.S5220.00	[28]
4x70 W	Ø.S5221.00	[28]



optics IOS MH3

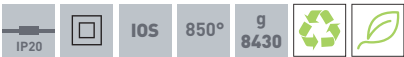
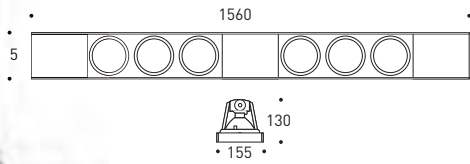


Ø.11305.00	12° - 14°
Ø.11306.00	24° - 22° - 24°
Ø.11307.00	74° - 78°
Ø.11308.00	Mira

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.

Pendant lighting system with 6 optical compartments (adjustable via universal joint), IOS optics and control gear technology for metal halide lamps



MH IOS		MT G12	optical compartment reference	finish reference

6x20 W	Ø.S8301.00	[28]
6x35 W	Ø.S5222.00	[28]
6x70 W	Ø.S5223.00	[28]



optics IOS MH3

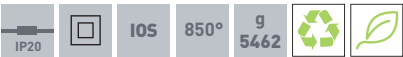
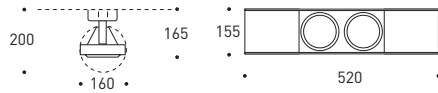
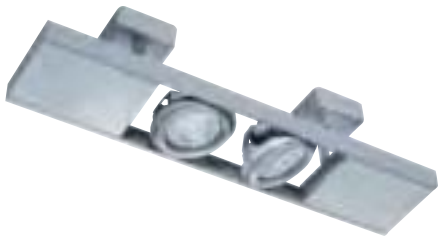


Ø.11305.00	12° - 14°
Ø.11306.00	24° - 22° - 24°
Ø.11307.00	74° - 78°
Ø.11308.00	Mira

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.

Pendant lighting system with 2 or 4 optical compartments (adjustable via universal joint), IOS optics and control gear technology for metal halide lamps



MH IOS		CDM-TC G8.5	optical compartment reference	finish reference

2x20 W	Ø.58643.00	[28]
2x35 W	Ø.58644.00	[28]
2x70 W	Ø.58645.00	[28]



optics IOS MH2



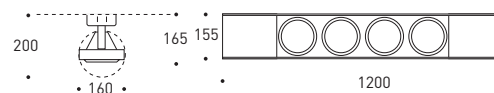
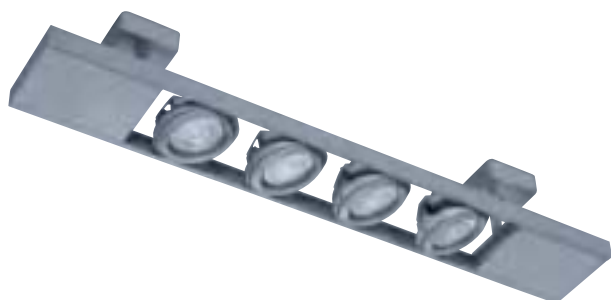
• Ø80 •

Ø.11300.00	14°
Ø.11301.00	34°
Ø.11302.00	56°
Ø.11303.00	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.

Pendant lighting system with 2 or 4 optical compartments (adjustable via universal joint), IOS optics and control gear technology for metal halide lamps



MH IOS	CDM-TC G8.5	codice vano ottico	codice finitura

4x20 W	0.58646.00	[28]
4x35 W	0.58647.00	[28]
4x70 W	0.58648.00	[28]



ottica IOS MH2



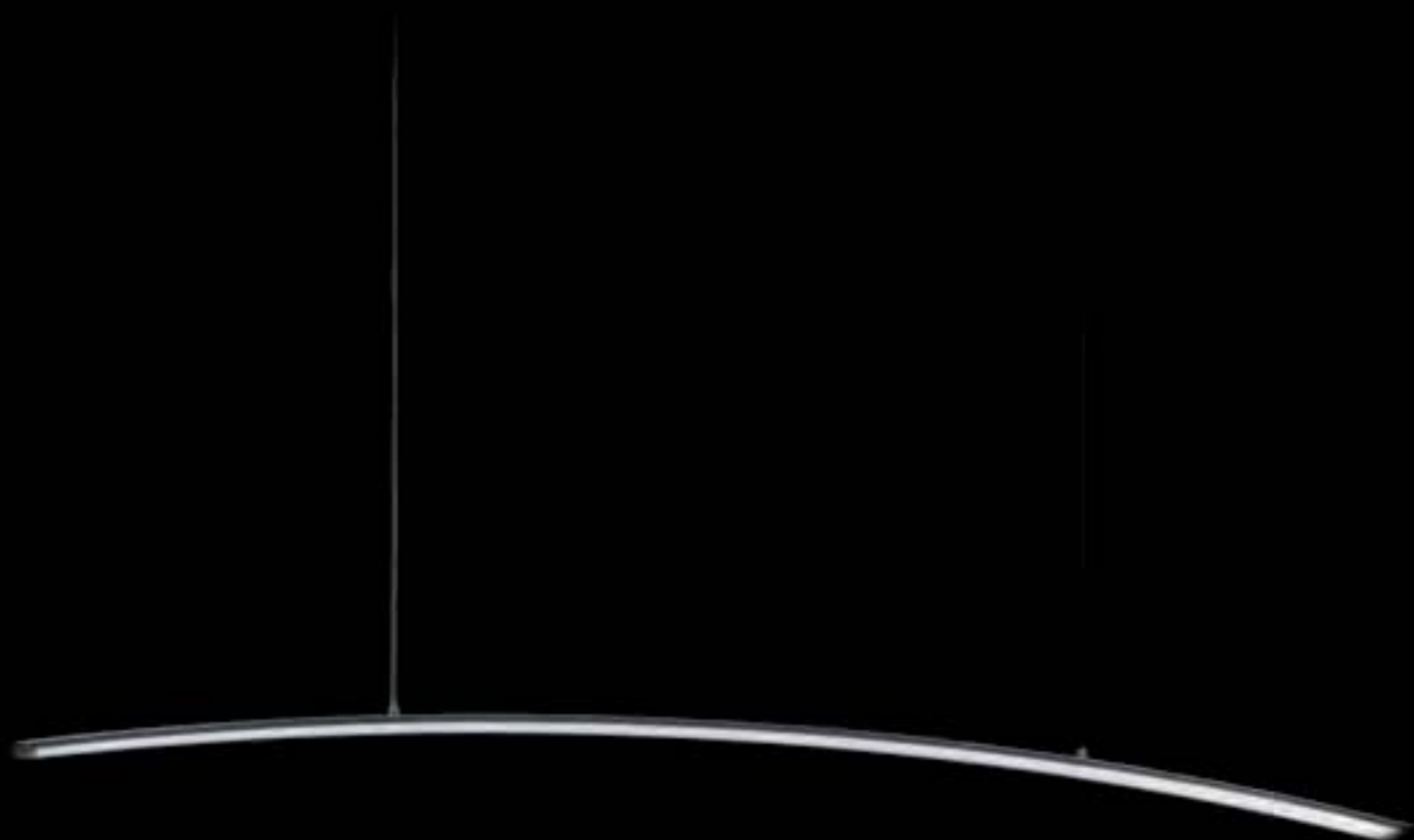
0.11300.00	14°
0.11301.00	34°
0.11302.00	56°
0.11303.00	Mira

Per realizzare la configurazione illuminotecnica desiderata, l'apparecchio viene fornito privo di ottiche intercambiabili.

In fase d'ordine si dovrà indicare il codice dell'apparecchio e il codice delle ottiche IOS desiderate.

Pendants

Spectra	598
Lorosae B&S	602
Maantis	608
Fivespot	614

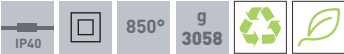
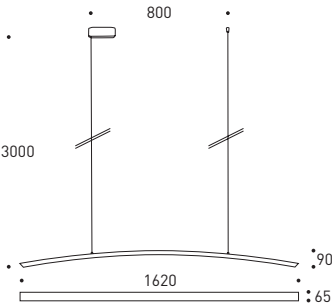
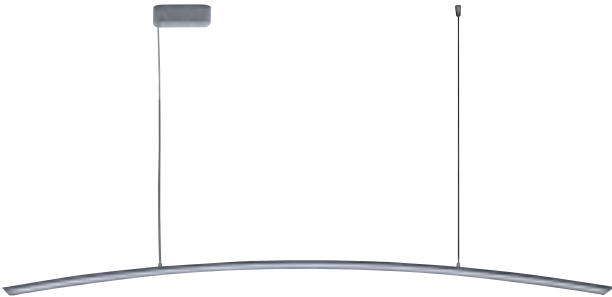


SPECTRA

pendant

design by: **D'Alessio & Santoro**

Pendant with direct light distribution



48 W

LED	product reference	lumen reference			finish reference
		nom. lm	K	CRI	
	0.25000	2957	4000	>85	28
possible configuration		0.25000.0028			





LOROSAE

pendant

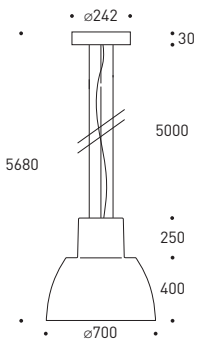
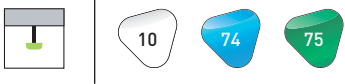
design by: **Álvaro Siza**

B&S

pendant

design by: **Brombini & Saccardo**

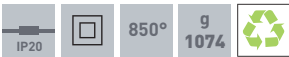
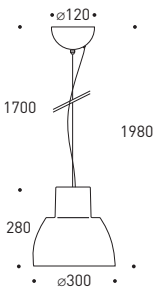
Pendant with built-in control gear technology for halogen lamps, incandescent lamps, single-ended metal halide lamps and compact fluorescent lamps



METHACRYLATE DIFFUSER

1x150W	MH	HIE (E27)	beam width	finish reference
			116°	[10] [74] [75]

1x60W	HALO	QT-32 (E27)	beam width	finish reference
			54°	[10] [74] [75]
		possible configuration		0.02990.00[10]



METHACRYLATE DIFFUSER

1x100W	INCA	HSGS-GLS (E27)	beam width	finish reference
			98°	[10] [74] [75] [77] [84]

BLOWN GLASS DIFFUSER	0.02982.00	98°	[10]
possible configuration	0.02992.00[10]		

Pendant with built-in control gear technology for halogen lamps, incandescent lamps, single-ended metal halide lamps and compact fluorescent lamps

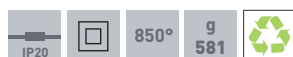
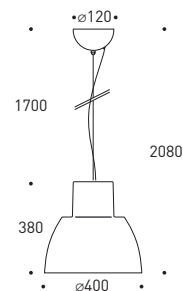
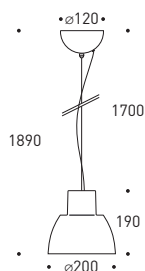


10

74

75

77



METHACRYLATE DIFFUSER

1x100W

INCA		HSGS-GLS (E27)	beam width	finish reference
			▲	
		0.02991.00	96°	10
				74
				75
				77
				84
		BLOWN GLASS DIFFUSER		
		0.02981.00	96°	10
possible configuration			0.02991.00, 10	



METHACRYLATE DIFFUSER

1x70W

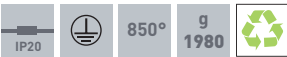
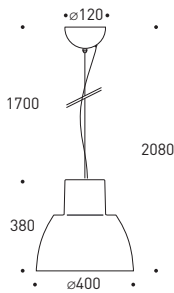
MH		HIE (E27)	beam width	finish reference
				
Ø.Ø2989.00			100°	10
				74
				75
				77
				84
BLOWN GLASS DIFFUSER				
Ø.Ø2986.00			100°	10

METHACRYLATE DIFFUSER

1x100W

INCA	 HSGS-GLS (E27)	beam width	finish reference
0.02993.00		98°	10
			74
			75
			77
			84
BLOWN GLASS DIFFUSER			
0.02983.00		98°	10
possible configuration		0.02989.00, 10	

Pendant with built-in control gear technology for compact fluorescent lamps



METHACRYLATE DIFFUSER

1x26/32W

FLU		TC-TE (GX24q-3)	beam width	finish reference

BLOWN GLASS DIFFUSER

METHACRYLATE DIFFUSER

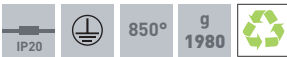
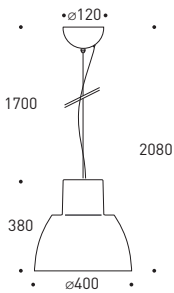
1x57W

FLU		TC-TE (GX24q-4)	beam width	finish reference

BLOWN GLASS DIFFUSER

possible configuration

0.02994.00 10



METHACRYLATE DIFFUSER

1x42W

FLU		TC-TE (GX24q-3)	beam width	finish reference

BLOWN GLASS DIFFUSER

METHACRYLATE DIFFUSER

1x42W

FLU		TC-TE (GX24q-4)	beam width	finish reference

BLOWN GLASS DIFFUSER

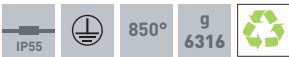
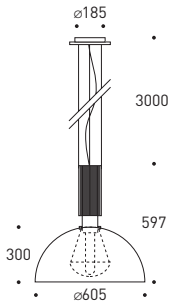
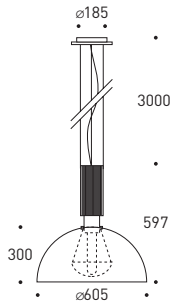
possible configuration

0.02988.00 10

IP55 pendant with built-in control gear technology for metal halide lamps and single-ended sodium vapour lamps

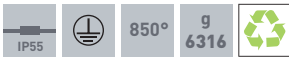


The finish reference only determines the color of the extruded aluminium body; the reflector or the diffuser is always white



REFLECTOR MADE FROM WHITE LACQUERED ALUMINIUM

1x100W				
MH		ST (E40) HPF control gear	beam width	finish reference
			▲	
		Ø.02910.EV	64°	[28]
		DIFFUSER MADE FROM OPAL WHITE METHACRYLATE		
		Ø.02933.EV	72°	[28]
		possible configuration		
		Ø.02910.EV[28]		



REFLECTOR MADE FROM WHITE LACQUERED ALUMINIUM

1x150W				
MH		ST MT (E40) HPF control gear	beam width	finish reference
			▲	
		Ø.02911.EV	66°	[28]
		DIFFUSER MADE FROM OPAL WHITE METHACRYLATE		
		Ø.02934.EV	74°	[28]

REFLECTOR MADE FROM WHITE LACQUERED ALUMINIUM

1x250W				
MH		ST MT (E40) HPF control gear	beam width	finish reference
			▲	
		Ø.02912.EV	64°	[28]
		DIFFUSER MADE FROM OPAL WHITE METHACRYLATE		
		Ø.02935.EV	78°	[28]
		possible configuration		
		Ø.02911.EV[28]		

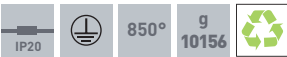
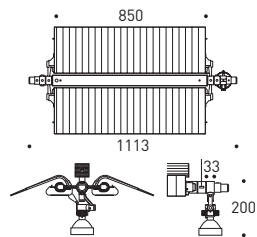
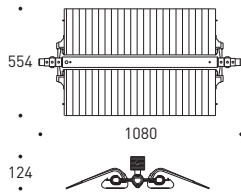


MAANTIS

pendant

design by: **Rogers Stirk Harbour + Partners**

Pendant with direct and indirect light distribution



SHORT

2x21/2x39W

		provision for DALI
	T5 (FH-FQ)	RGB LED circuit
0.20800.00	○	
0.20853.00	○	○
possible configuration		0.20800.00



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)
0.20801.00	○				○
0.20854.00	○	○			○
0.20802.00	○		○	○	
0.20855.00	○	○	○	○	
possible configuration				0.20801.00	

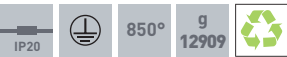
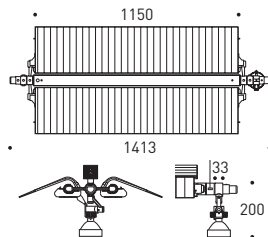
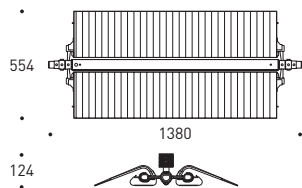
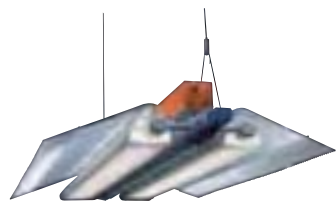


Accessories (pg. 613).



Accessories (pg. 613).
Photometric data (pg. 767).

Pendant with direct and indirect light distribution



MEDIUM

2x28/2x54W

		provision for DALI
	T5 (FH-FQ)	RGB LED circuit
Ø.21100.00	○	
Ø.21160.00	○	○
possible configuration		Ø.21100.00



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.21101.00	○				○
Ø.21161.00	○	○			○
Ø.21103.00	○		○	○	
Ø.21163.00	○	○	○	○	
possible configuration				Ø.21101.00	

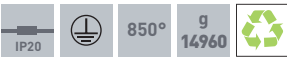
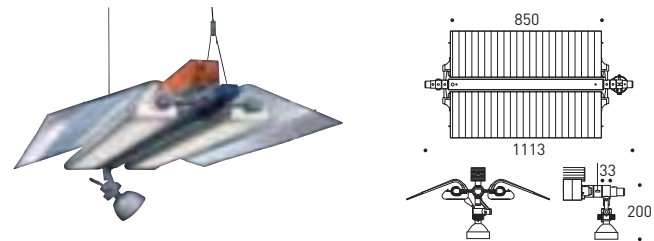
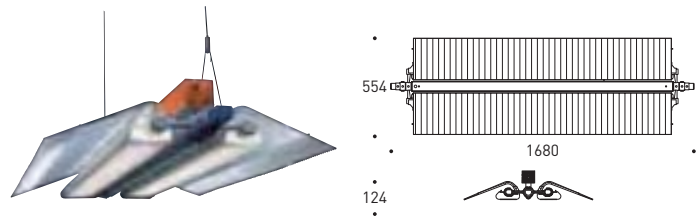


Accessories [pg. 613].



Accessories [pg. 613].
Photometric data [pg. 767].

Pendant with direct and indirect light distribution



LONG

2x35/2x49W

		provision for DALI
	T5 (FH-FQ)	RGB LED circuit
0.21400.00	○	
0.21460.00	○	○
possible configuration		0.21400.00

2x80W

		provision for DALI
	T5 (FH-FQ)	RGB LED circuit
0.21550.00	○	
0.21609.00	○	○
possible configuration		0.21550.00



LONG + 1 ADJUSTABLE PROJECTOR

2x35/2x49W

		provision for DALI	IOS MH2 optics	1x35W CDM-TC (G8.5)	1x70W QR-111 (G53)	1x65W
	T5 (FH-FQ)	RGB LED circuit				
0.21401.00	○					○
0.21461.00	○	○				○
0.21403.00	○		○	○		
0.21463.00	○	○	○	○		
possible configuration				0.21401.00		

2x80W

		provision for DALI	IOS MH2 optics	1x35W CDM-TC (G8.5)	1x70W QR-111 (G53)	1x65W
	T5 (FH-FQ)	RGB LED circuit				
0.21551.00	○					○
0.21610.00	○	○				○
0.21553.00	○		○	○		
0.21612.00	○	○	○	○		
possible configuration				0.21551.00		



Accessories (pg. 613).



Accessories (pg. 613).
Photometric data (pg. 767).

Accessories

MAANTIS	details	IOS		reference	finish reference
MH IOS MH2  • ø80 •	interchangeable optical system		14°/16°	0.11300.00	00
		IOS	34°	0.11301.00	
	shield finish 00 clear	MH2	56°/58°	0.11302.00	
			Mira*	0.11303.00	
possible configuration				0.11300.00	10

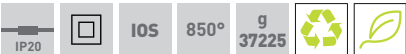
MAANTIS	details	IOS		reference	finish reference
	mechanical/ electrical connector for in-line connection of up to 6 Maantis			0.21649.00	00
	mechanical/ electrical connector with DALI bus for in-line connection of up to 6 Maantis			0.21650.00	00
	device for programming the presence sensor with photocell			0.21656.00	00
	anti-glare attachment for QR111 lamp			0.21663.00	21
possible configuration				0.21649.00	10



FIVESPOT

pendant

Pendant lighting system with 5 optical compartments (adjustable via universal joint), LED and control gear technology



5x22 W		13250 lm			
LED	luminaire reference	optics	lumen reference		
		nom. lm K CRI			finish reference
	Ø.ØF5YK	without optics	HQ	2038 3000 >90	[28]
			WW	2650 3000 >80	
			NN	2759 4000 >80	
possible configuration		Ø.ØF5YK [HQ] [28]			

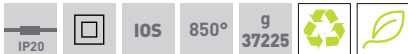
optics reference	
IOS LL2	
Ø.35050.00	11°
Ø.35049.00	15°
Ø.35051.00	21°
Ø.35052.00	29°
Ø.35053.00	51°
Ø.35054.00	Mira

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.



Accessories [pg. 618].
Photometric data [pg. 708-709].



5x30 W		18085 lm			
LED	luminaire reference	optics	lumen reference		
		nom. lm K CRI			finish reference
	Ø.ØF5XK	without optics	HQ	2944 3000 >90	[28]
			WW	3617 3000 >80	
			NN	3798 4000 >80	
possible configuration		Ø.ØF5XK [HQ] [28]			

optics reference	
IOS LL2	
Ø.35050.00	11°
Ø.35049.00	15°
Ø.35051.00	21°
Ø.35052.00	29°
Ø.35053.00	51°
Ø.35054.00	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.



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



MH IOS		MT G12	optical compartment reference	finish reference

5x20 W	Ø.58638.00	[28]
5x35 W	Ø.57392.00	
5x70 W	Ø.58639.00	



IOS MH3 optics		
	Ø.11305.00	12° - 14°
	Ø.11306.00	24° - 22° - 24°
	Ø.11307.00	74° - 78°
	Ø.11308.00	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 IOS LL2	 • ø80 •	interchangeable optical system				[00]
		shield finish				
		00 clear				
		A	11°	0.35050.00		
		B	15°	0.35049.00		
		C	21°	0.35051.00		
		D	29°	0.35052.00		
E	51°	0.35053.00				
F	Mira*	0.35054.00				
H	W. W.	0.35059.00				
* elliptical beam						
possible configuration				0.35050.00 [00]		

Accessories
metal halide lamps

FIVESPOT		details	IOS	▲	reference	finish reference
MH IOS MH3	 • ø80 •	interchangeable optical system		12°/14°	Ø.11305.00	[00]
		shield finish 00 clear	IOS MH3	24°/22°	Ø.11306.00	
				74°/78°	Ø.11307.00	
				Mira*	Ø.11308.00	
* elliptical beam						
possible configuration					Ø.11305.00 [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



ENVIOS

exterior projector

design by: **L.A.P.D**

Fixed and adjustable exterior projector



2 W		197 lm				
LED	driver reference	product reference	optics reference	lumen reference		finish reference
			IOS LL1 ▲	nom. lm	K	CRI
[0]	FB80	[1]	15°	[WW]	180	3000 >85
		[2]	29°	[NN]	197	4000 >85
		[3]	47°			
						[26]
						[27]
						[28]

possible configuration [0] FB80 [1] [WW] [26]

2 W		197 lm				
LED	driver reference	product reference	optics reference	lumen reference		finish reference
			IOS LL1 ▲	nom. lm	K	CRI
[0]	GB80	[1]	15°	[WW]	180	3000 >85
		[2]	29°	[NN]	197	4000 >85
		[3]	47°			
						[26]
						[27]
						[28]

possible configuration [0] GB80 [1] [WW] [26]

7 W		860 lm				
LED	driver reference	product reference	optics reference	lumen reference		finish reference
			IOS LL1 ▲	nom. lm	K	CRI
[0]	FB81	[1]	15°	[HQ]	650	3000 >90
		[2]	29°	[WW]	810	3000 >80
		[3]	47°	[NN]	860	4000 >80
						[26]
						[27]
						[28]

possible configuration [0] FB81 [1] [HQ] [26]

7 W		860 lm				
LED	driver reference	product reference	optics reference	lumen reference		finish reference
			IOS LL1 ▲	nom. lm	K	CRI
[0]	GB81	[1]	15°	[HQ]	650	3000 >90
		[2]	29°	[WW]	810	3000 >80
		[3]	47°	[NN]	860	4000 >80
						[26]
						[27]
						[28]

possible configuration [0] GB81 [1] [HQ] [26]

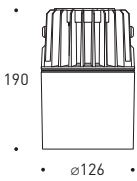


Accessories (pg. 627).
Photometric data (pg. 700-701).



Accessories (pg. 627).
Photometric data (pg. 700-701).

Fixed exterior projector



13 W		1500 lm							
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
	HB83	IOS LL2 ▲		nom. lm	K	CRI			
			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 HB83 A HQ 26				

30 W			3500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2	▲	nom. lm	K	CRI	
Ø	HB87	A	11°	HQ	2944	3000	>90	26
B		15°	WW	3617	3000	>80	27	
C		21°	NN	3798	4000	>80	28	
D		29°						
E		51°						
possible configuration					Ø HB87 A HQ 26			

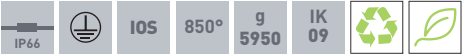
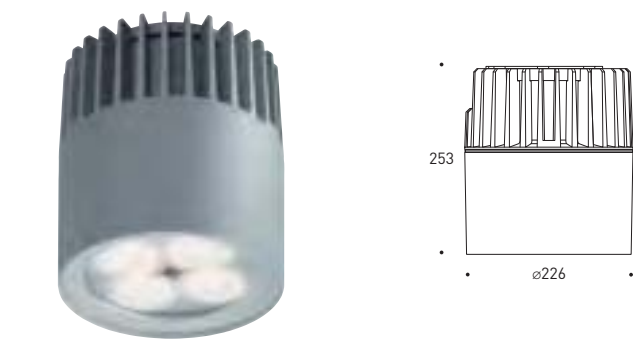
22 W		2500 lm							
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
	HB85	IOS LL2 ▲		nom. lm	K	CRI			
			A	11°	HQ	2038	3000	>90	26
			B	15°	WW	2650	3000	>80	27
			C	21°	NN	2759	4000	>80	28
			D	29°					
			E	51°					
possible configuration			Ø, HB85, A, HQ, 26						

38 W		4000 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference
[Ø]	[V]	HB88	IOS LL7 ▲	nom. lm	K	CRI		
			[A] 11°	[HQ] 3578	3000	>90	[26]	
			[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



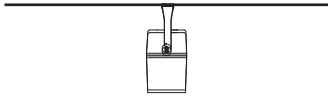
4x13 W			6640 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL4	▲	nom. lm	K	CRI	
Ø	LB8T	J	21°	HQ	4480	3000	>90	26
		V	25°	WW	6000	3000	>80	27
W		34°	NN	6640	4000	>80	28	
X		45°						
Y		71°						

possible configuration	Ø LB8T J HQ 26



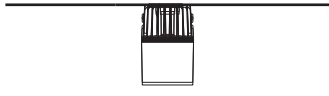
Accessories (pg. 628).
Photometric data (pg. 732).

Accessories



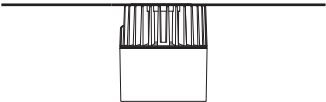
ENVIOS MINI	details	reference	finish reference
	connecting system for projector with extended arm	0.30800.00	26
			27
			28
	kit for installation of projector on branches and piers Min. dia. 60 mm, max. dia. 100 mm	0.30795.00	00
	cable-mounting connecting system	0.30801.00	26
			27
			28
	earth spike for in-ground installation	0.30796.00	00
	surface-mounted stand	0.30797.00	26
			27
			28
	in-ground mounted stand	0.30798.00	26
			27
			28
	anti-glare louvre	0.30739.00	21
	anti-glare	0.30730.00	21
possible configuration		0.30800.00	26

Accessories



ENVIOS MEDIO	details	reference	finish reference
	adjustable bracket for wall mounting 0-90°	0.30793.00	[26]
			[27]
			[28]
	rigid bracket for wall mounting	0.30791.00	[26]
			[27]
			[28]
	connecting device for cable attachment	0.30725.00	[00]
	earth spike for in-ground installation	0.30796.00	[00]
	connecting system for attachment of one projector to pole (diameter of 60 mm to 120 mm)	0.30734.00	[26]
			[27]
			[28]
	connecting system for attachment of two projectors to pole (diameter of 60 mm to 120 mm).	0.30737.00	[26]
			[27]
			[28]
	anti-glare louvre	0.30741.00	[21]
	anti-glare	0.30731.00	[21]
possible configuration		0.30793.00	[26]

Accessories



ENVIOS GRANDE		details	reference	finish reference
		adjustable bracket for wall mounting 0-90°	0.30794.00	26
				27
				28
		rigid bracket for wall mounting	0.30792.00	26
				27
				28
		connecting system for attachment of one projector to pole (diameter of 60 mm to 120 mm)	0.30735.00	26
				27
				28
		connecting system for attachment of two projectors to pole (diameter of 60 mm to 120 mm).	0.30736.00	26
				27
				28
		anti-glare louvre	0.30740.00	21
possible configuration			0.30794.00	00



Woolwich Squares - London, UK



LINDRO

projector

design by: **Fabio Reggiani**

Fixed exterior projector



13 W			1500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
Ø	BB13	A	IOS LL2 ▲	nom. lm	K	CRI		
			11°	HQ	1221	3000	>90	26
			15°	WW	1500	3000	>80	27
			21°	NN	1661	4000	>80	28
			29°					
			51°					
possible configuration				Ø BB13 A HQ 26				

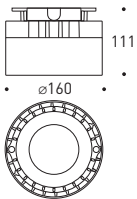
30 W			3500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
Ø V	BB17	IOS LL2 ▲		nom. lm	K	CRI		
		A	11°	HQ	2944	3000	>90	26
		B	15°	WW	3617	3000	>80	27
		C	21°	NN	3798	4000	>80	28
		D	29°					
		E	51°					
possible configuration				Ø, BB17, A, HQ, 26				

22 W			2500 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
Ø V	BB15	IOS LL2 ▲		nom. lm	K	CRI			
			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 BB15 A HQ 26					



Accessories (pg. 637).
Photometric data (pg. 704-705 / 708-709 / 712-713).

Fixed exterior projector

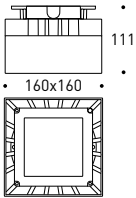


38 W			4000 lm					
LED	driver reference	product reference	optics reference		lumen reference		finish reference	
			IOS LL7 ▲		nom. lm	K CRI		
Ø	BB18	N	14°	HQ	3578	3000 >90	26	
		P	21°	WW	4329	3000 >80	27	
V		Q	30°	NN	4480	4000 >80	28	
		R	36°					
		S	40°					
		T	69°					
possible configuration				Ø BB18 A HQ 26				



Accessories (pg. 637).
Photometric data (pg. 714).

Fixed exterior projector



13 W			1500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2	▲	nom. lm K CRI			
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 CB13A HQ 26			

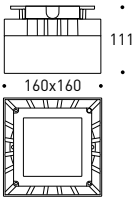
30 W			3617 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2	▲		nom. lm	K	CRI
[Ø]	CB17	[A]	11°	[HQ]	2944	3000	>90	[26]
		[B]	15°	[WW]	3617	3000	>80	[27]
[V]		[C]	21°	[NN]	3798	4000	>80	[28]
		[D]	29°					
		[E]	51°					
possible configuration					[Ø] CB17 [A] [HQ] [26]			

22 W			2500 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
			IOS LL2		nom. lm	K	CRI		
				11°		2038	3000	>90	
				15°		2650	3000	>80	
				21°		2759	4000	>80	
				29°					
				51°					
possible configuration					 CB15   				



Accessories [pg. 637].
Photometric data [pg. 704-705 / 708-709 / 712-713].

Fixed exterior projector

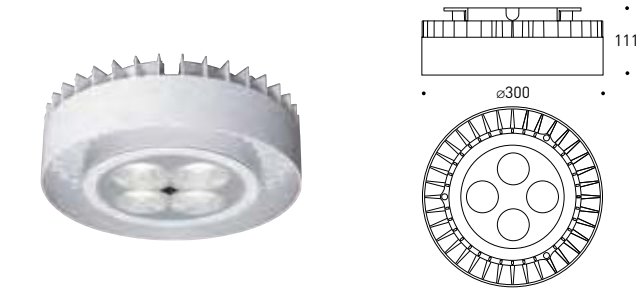


38 W			4329 lm						
LED	driver reference	product reference	optics reference		lumen reference		finish reference		
			IOS LL7 ▲		nom. lm	K	CRI		
Ø	CB18	N	14°	HQ	3578	3000	>90	26	
		P	21°	WW	4329	3000	>80	27	
V		Q	30°	NN	4480	4000	>80	28	
		R	36°						
		S	40°						
		T	69°						
possible configuration				Ø CB18 A HQ 26					

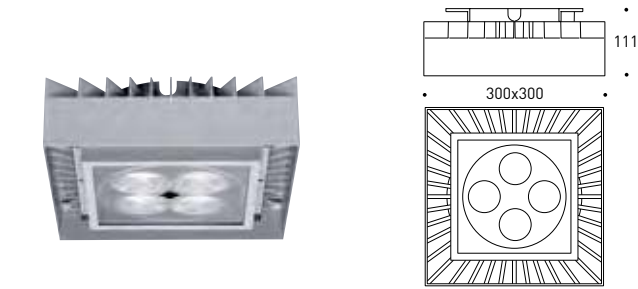


Accessories (pg. 637).
Photometric data (pg. 714).

Fixed exterior projector



4x13 W			6000 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
			IOS LL4	▲	nom. lm	K	CRI		
Ø	DB1T	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	71°						
possible configuration					Ø DB1T J HQ 26				



4x13 W			6000 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL4	▲	nom. lm	K	CRI	
Ø	FB1T	J	21°	HQ	9940	3000	>90	26
		V	25°	WW	12180	3000	>80	27
W		34°	NN	12820	4000	>80	28	
X		45°						
Y		71°						
possible configuration				Ø, FB1T, J, HQ, 26				

4x25 W			26560 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL4	▲	nom. lm	K	CRI	
Ø	DB1U	J	21°	HQ	9940	3000	>90	26
		V	25°	WW	12180	3000	>80	27
W		34°	NN	12820	4000	>80	28	
V		X	45°					
		Y	69°					
		possible configuration					Ø DB1U J HQ 26	

4x25 W			26560 lm						
LED	driver reference	product reference	optics reference		lumen reference			finish reference	
			IOS LL4 ▲		nom. lm	K	CRI		
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					

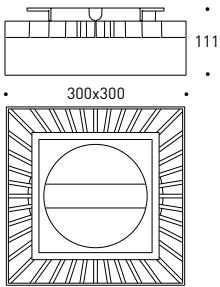
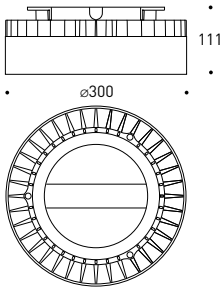


Accessories [pg. 637].
Photometric data [pg. 732 / 733].



Accessories [pg. 637].
Photometric data [pg. 732 / 733].

Fixed exterior projector



2x13 W		ASYMMETRIC				3000 lm	
LED	driver reference	product reference	optics reference	lumen reference			finish reference
			IOS LL5 ▲	lumen nominale K CRI			
[Ø]	DB1R	[Ø]	α 44° β 89°	HQ	2240	3000 >90	[26]
				WW	3000	3000 >80	[27]
				NN	3320	4000 >80	[28]
[V]							
possible configuration				[Ø] DB1R [Ø] [HQ] [10]			



Accessories (pg. 637).
Photometric data (pg. 734).

2x13 W		ASYMMETRIC				3000 lm	
LED	driver reference	product reference	optics reference	lumen reference			finish reference
			IOS LL5 ▲	lumen nominale K CRI			
[Ø]	FB1R	[Ø]	α 44° β 89°	HQ	2240	3000 >90	[26]
				WW	3000	3000 >80	[27]
				NN	3320	4000 >80	[28]
[V]							
possible configuration				[Ø] FB1R [Ø] [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	0 35030 00	[00]
possible configuration			
		0 35030 00 [00]	

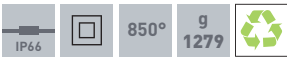
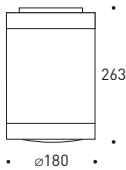
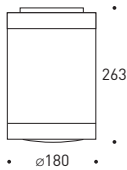


CYL LIGHT

fixed projector

design by: **Fabio Reggiani**

Fixed projector for surface mounting



MH IOS		CDM-T G12	IOS MH5 optics	finish reference
20 W HF control gear				
		Ø.05241.00	14°	[26]
		Ø.05242.00	22°	[27]
		Ø.05243.00	50°	[28]
35 W HPF control gear				
		Ø.05246.EV	14°	[26]
		Ø.05247.EV	22°	[27]
		Ø.05248.EV	50°	[28]
70 W HPF control gear				
		Ø.05251.EV	14°	[26]
		Ø.05252.EV	22°	[27]
		Ø.05253.EV	50°	[28]
150 W HPF control gear				
		Ø.05256.EV	14°	[26]
		Ø.05257.EV	22°	[27]
		Ø.05258.EV	48°	[28]
possible configuration		Ø.05241.00 [26]		

1x18W		TC-TE (GX24q-2) HF control gear	beam width	finish reference
FLU				
Ø.05260.00			96°	[26]
				[27]
				[28]
1x26W - 1x32W				
FLU		TC-TE (GX24q-3) HF control gear	beam width	finish reference
€				
Ø.05261.00			104° / 110°	[26]
				[27]
				[28]
possible configuration			Ø.05260.00 [26]	

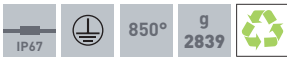
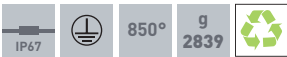
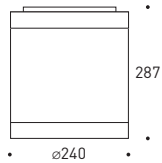
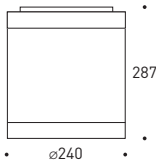


Accessories (pg. 643).
Photometric data (pg. 770-771).



Accessories (pg. 643).

Fixed projector for surface mounting



1x70W

MH		CDM-T (G12) HPF control gear	beam width	finish reference
			▲	
		Ø.06060.EV	100°	[26]
		Ø.06070.EV	26°	[27]
				[28]

1x70W

MH		HIT-DE (RX7s) HPF control gear	beam width	finish reference
			▲	
		Ø.06080.EV	asymmetric	[26]
				[27]
				[28]

1x150W

MH		CDM-T (G12) HPF control gear	beam width	finish reference
			▲	
		Ø.06061.EV	88°	[26]
		Ø.06071.EV	30°	[27]
				[28]

1x150W

MH		HIT-DE (RX7s) HPF control gear	beam width	finish reference
			▲	
		Ø.06081.EV	asymmetric	[26]
				[27]
				[28]

2x26W

FLU		TC-D (G24d-3) HPF control gear	beam width	finish reference
			▲	
		Ø.06085.EV	100°	[26]
				[27]
				[28]
possible configuration			Ø.06060.EV[26]	

1x26W

FLU		TC-D (G24d-3) HPF control gear	beam width	finish reference
			▲	
		Ø.06083.EV	asymmetric	[26]
				[27]
				[28]
possible configuration			Ø.06080.EV[26]	

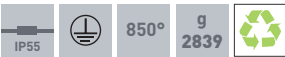


Accessories [pg. 643].



Accessories [pg. 643].

Fixed projector for surface mounting



1x70W			
MH		HIT-DE (RX7s) HPF control gear	beam width
			finish reference
		▲	
		82°	[26]
			[27]
			[28]
1x150W			
MH		HIT-DE (RX7s) HPF control gear	beam width
			finish reference
		▲	
		88°	[26]
			[27]
			[28]
		possible configuration	0.07605.EV[26]



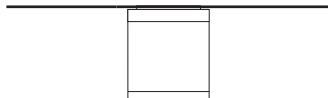
Accessories (pg. 643).

Accessories
metal halide lamps
compact fluorescent lamps

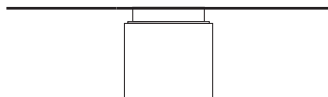


CYL LIGHT SLIM ø 180		details	IOS MH5		reference	finish reference
	 • ø130 •	interchangeable optical system	IOS MH5	14°	0.11250.00	
		shield finish 00 clear		22°	0.11251.00	
				48°/50°	0.11252.00	
		honeycomb anti-glare louvre			0.05270.00	
		possible configuration			0.11350.00	

Accessories
metal halide lamps
compact fluorescent lamps



CYL LIGHT ø 240		details	reference	finish ref.
		round mounting bracket for 1 or 2 luminaires	0.06886.00	[26]
				[27]
				[28]
		round mounting bracket for 1 or 2 luminaires	0.06889.00	[26]
				[27]
				[28]
		cable gland	0.06887.00	[26]
				[27]
				[28]
		filters	0.06899.00	[79]
		shield finish 79 anti UV		
		anti-dazzle louvre	0.06898.00	[26]
				[27]
				[28]
possible configuration			0.06886.00	[26]



CYL LIGHT ø 260		details	reference	finish ref.
		round mounting bracket for 1 or 2 luminaires	0.07614.00	[26]
				[27]
				[28]
		round mounting bracket for 1 or 2 luminaires	0.07615.00	[26]
				[27]
				[28]
possible configuration			0.07614.00	[26]



HILLOCK

fixed ceiling-mounted luminaire

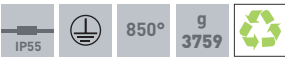
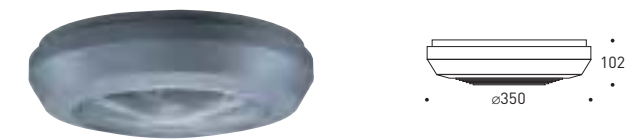
design by: **Fabio Reggiani**

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



2x18W				
FLU		TC-L (2G11) HF control gear	beam width	finish reference
			▲	
Ø.07881.00			88°	[26]
				[27]
				[28]

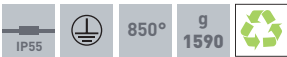
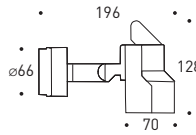
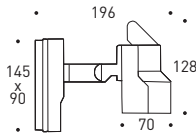
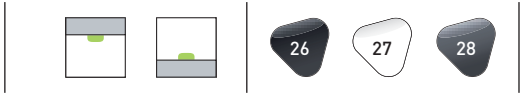
1x42W				
FLU		TC-TE (GX24q-4) HF control gear	beam width	finish reference
			▲	
Ø.07882.00			80°	[26]
				[27]
				[28]
for maintained illumination when used as emergency lighting				
Ø.07883.00			80°	

1x70W				
MH		HIT-DE (RX7s) HPF control gear	beam width	finish reference
			▲	
Ø.07886.EV			14°	[26]
Ø.07890.EV			60°	[27]
				[28]

1x150W				
MH		HIT-DE (RX7s) HPF control gear	beam width	finish reference
			▲	
Ø.07887.EV			18°	[26]
Ø.07891.EV			62°	[27]
				[28]

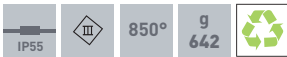
1x200W				
HALO		QT-DE (R7s) mains voltage	beam width	finish reference
			▲	
Ø.07888.00			30°	[26]
Ø.07892.00			42°	[27]
				[28]
possible configuration				Ø.07881.00 [26]

Compact projector for low voltage halogen lamps with built-in dichroic reflector



1x20/35/50W - 12V

HALO		QR-CB (GU5.3) toroidal transformer	lamp with built-in reflector	finish reference
			▲	
		Ø.06101.EV	-	[26] [27] [28]
possible configuration			Ø.06101.EV _[26]	



1x20/35/50W - 12V

HALO		QR-CB (GU5.3)	lamp with built-in reflector	finish reference
			▲	
		Ø.06102.00	-	[26] [27] [28]
possible configuration			Ø.06102.00 _[26]	

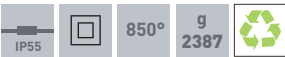
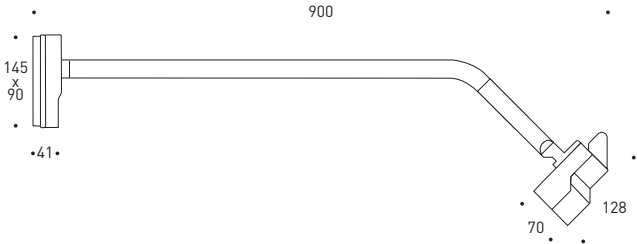


Accessories (pg. 649).



Accessories (pg. 649).

Projector with compact arm for low voltage halogen lamps with built-in dichroic reflector



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.EV26		



Accessories (pg. 649).

Accessories
halogen lamps

IP55	details	reference	finish reference
	dichroic filters	0.06937.00	[74]
	shield finish	0.06937.00	[75]
	74 blue	0.06937.00	[76]
	75 green	0.06937.00	[77]
	76 yellow		
	77 red		
	Kit for installation on branches and piers; min. ø 60 mm, max. ø 100 mm	0.06001.00	[00]
	earth spike	0.06002.00	[00]
	anti-glare attachment	0.06003.00	[21]
possible configuration		0.06937.00	[74]

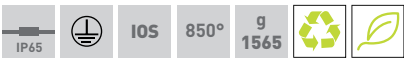
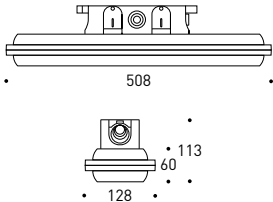
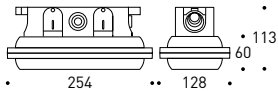
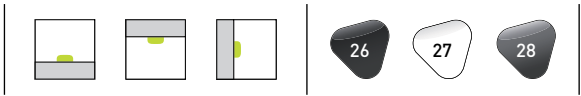


ARGIAK

fixed / adjustable projector

design by: **Fabio Reggiani**

Surface-mounted projector with IOS optics



2x13 W

LED	driver reference	product reference	optics reference		lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K	CRI	
Ø	BC4R	A	11°	HQ	4884	3000	>90	26
		B	15°	WW	6000	3000	>80	27
		C	21°	NN	6644	4000	>80	28
		D	29°					
V		E	51°					
possible configuration					Ø, BC4R, A, HQ, 26			



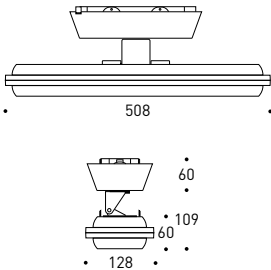
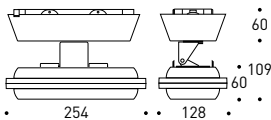
4x13 W

LED	driver reference	product reference	optics reference	lumen reference			finish reference
			IOS LL2 ▲		nom. lm	K CRI	
Ø	FC4T	A	11°	HQ	4884	3000 >90	26
		B	15°	WW	6000	3000 >80	27
		C	21°	NN	6644	4000 >80	28
		D	29°				
V		E	51°				
possible configuration				Ø FC4T A HQ 26			

Photometric data [pg. 704-705].

Photometric data [pg. 704-705].

Surface-mounted projector with IOS optics



2x13 W				3000 lm				
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲	nom. lm	K	CRI		
Ø	CC4R	A	11°	HQ	2442	3000	>90	26
		B	15°	WW	3000	3000	>80	27
		C	21°	NN	3322	4000	>80	28
		D	29°					
		E	51°					
possible configuration				Ø, CC4R, A, HQ, 26				

4x13 W				6000 lm				
LED	driver reference	product reference	optics reference	lumen reference			finish reference	
			IOS LL2 ▲	nom. lm	K	CRI		
Ø	GC4T	A	11°	HQ	4884	3000	>90	26
		B	15°	WW	6000	3000	>80	27
		C	21°	NN	6644	4000	>80	28
		D	29°					
		E	51°					
possible configuration				Ø GC4T A HQ 26				

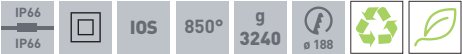
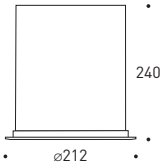


MULTISPOT

fixed recessed luminaire

design by: **Fabio Reggiani**

Round, fixed recessed luminaire with remote driver

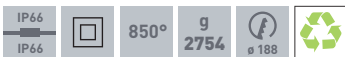
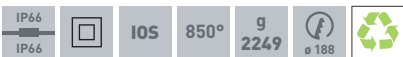
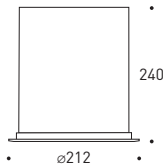
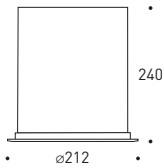


13 W			1500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
Ø	Ø963	IOS LL2 ▲		nom. lm	K	CRI		
		A	11°	HQ	1221	3000	>90	26
		B	15°	WW	1500	3000	>80	27
		C	21°	NN	1661	4000	>80	28
		D	29°					
		E	51°					
possible configuration				Ø, Ø663, A, HQ, 10				

22 W			2500 lm					
LED	driver reference	product reference	optics reference		lumen reference			finish reference
Ø	Ø965	A	IOS LL2 ▲	nom. lm	K	CRI		
			B 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, Ø665A, HQ, 10				

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

Round, fixed recessed luminaire with remote driver



MH IOS		CDM-T G12	IOS MH5 optics	finish reference
20 W	HF control gear			
		Ø.13800.00	14°	[26]
		Ø.13801.00	22°	[27]
		Ø.13802.00	50°	[28]
35 W	HPF control gear			
		Ø.13805.EV	14°	[26]
		Ø.13806.EV	22°	[27]
		Ø.13807.EV	50°	[28]
50 W	HF control gear			
		Ø.50238.00	14°	[26]
		Ø.50239.00	22°	[27]
		Ø.50240.00	50°	[28]
70 W	HPF control gear			
		Ø.13810.EV	14°	[26]
		Ø.13811.EV	22°	[27]
		Ø.13812.EV	50°	[28]
100 W	HF control gear			
		Ø.50241.00	16°	[26]
		Ø.50242.00	22°	[27]
		Ø.50243.00	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.13800.00 [26]		

FLU		TC-TE GX24q-3	beam width	finish reference
26 W				
		Ø.08257.EV	112°	[26]
				[27]
				[28]
possible configuration		Ø.08257.EV [26]		



Accessories (pg. 658).
Photometric data (pg. 770-771).



Accessories (pg. 658).

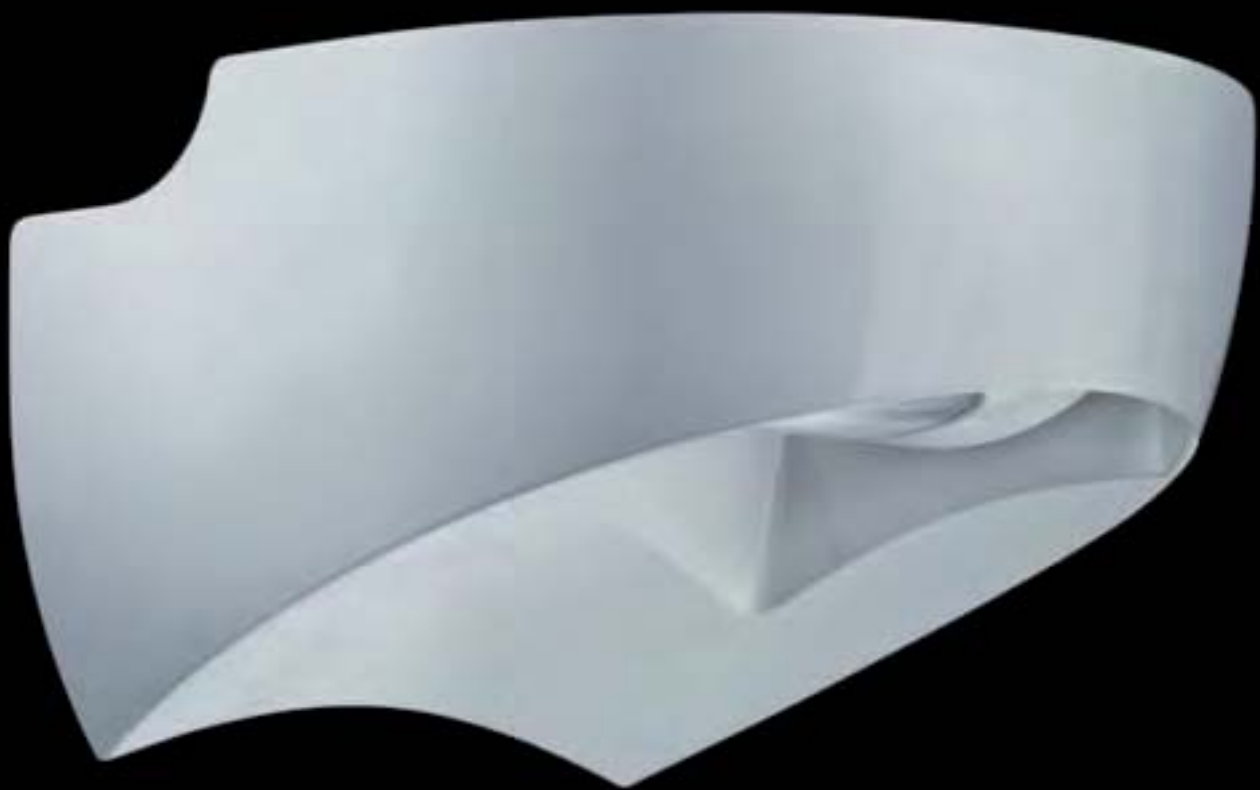
Accessories
metal halide lamps

MULTISPOT	details	IOS MH5	reference	finish reference
MH IOS MH5  • Ø130 •	interchangeable optical system	14°	0.13250.00	[00]
	shield finish 00 clear	IOS	22°	0.13251.00
		MH5	48°/50°	0.13252.00
GLASS	smooth safety glass for luminaires with IOS with narrow beam		0.13830.00	[00]
	shield finish 00 clear			
GLASS	grainy safety glass for luminaires with IOS with medium and wide beam		0.13831.00	[00]
	shield finish 00 clear			
possible configuration			0.13250.00	[00]

Accessories
compact fluorescent lamps

MULTISPOT	details	reference	finish reference
	dichroic filters	0.06944.00	[75]
	shield finish	0.06944.00	[76]
	74 blue	0.06944.00	[77]
	75 green		
	76 yellow		
	77 red		
possible configuration		0.06944.00	[74]



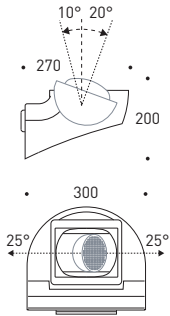


NARANCIA

fixed / adjustable projector

design by: **Fabio Reggiani**

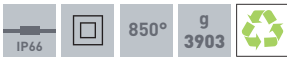
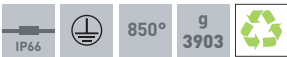
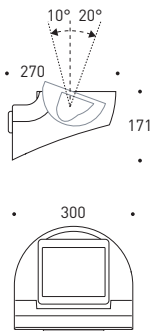
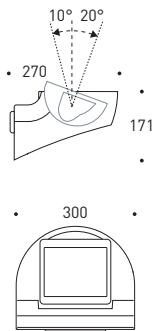
Adjustable exterior projector



MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
20 W			
0.14750.00		14°	26
0.14751.00		34°	27
0.14752.00		56°	28
0.14775.00		Mira	
35 W			
0.14753.00		14°	26
0.14755.00		34°	27
0.14756.00		56°	28
0.14776.00		Mira	
50 W			
0.50250.00		14°	26
0.50251.00		34°	27
0.50252.00		56°	28
0.50253.00		Mira	
possible configuration		0.14750.00 26	

Photometric data [pg. 767].

Adjustable exterior projector



1x35W

MH		CDM-T (G12) HF control gear	beam width	finish reference
Ø.14703.00			asymmetric	26 27 28

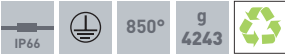
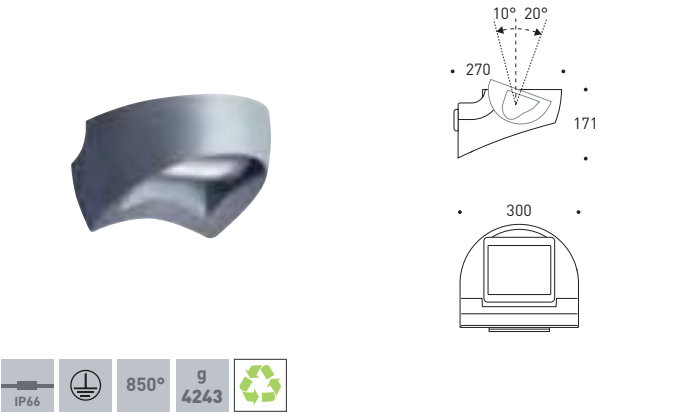
1x13W

FLU		TC-TE (GX24q-1) HF control gear	beam width	finish reference
Ø.14729.00			106°	26 27 28

1x18W

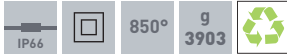
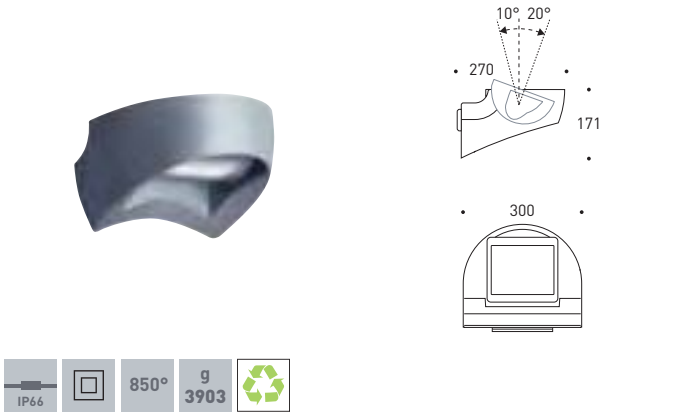
FLU		TC-TE (GX24q-2) HF control gear	beam width	finish reference
Ø.14732.00			76°	26 27 28
possible configuration			Ø.14703.00 26	

Adjustable exterior projector



1x200W				
HALO		QT-DE [R7s] mains voltage	beam width	finish reference
			▲	
Ø.14701.00			/	<u>26</u>
				<u>27</u>
				<u>28</u>

1x35W				
MH		CDM-T (G12) HF control gear	beam width	finish reference
				
0.14705.00			/	[26]
				[27]
				[28]



1x13W				
FLU		TC-TE (GX24q-1) HF control gear	beam width	finish reference
				
0.14730.00			/	26
				27
				28

1x18W				
FLU		TC-TE (GX24q-2) HF control gear	beam width	finish reference
				
Ø.14733.00			/	26
				27
				28

possible configuration	Ø.14703.00	26



Atrium, monumental Church of S. Gregorio Armeno - Naples, Italy



UNITED

adjustable projector

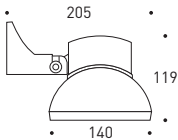
design by: **Luigi Manzoni**

ZAGARA

adjustable projector

design by: **Fabio Reggiani**

Adjustable exterior projector



1x20W				
MH		CDM-TC (G8.5) HF control gear	beam width	finish reference
			▲	
Ø.12001.00			asymmetric	[26]
				[27]
				[28]

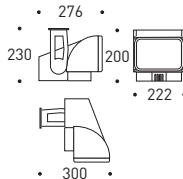
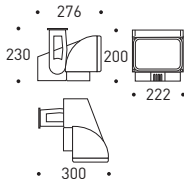
1x35W				
MH		CDM-TC (G8.5) HF control gear	beam width	finish reference
			▲	
Ø.12003.00			asymmetric	[26]
				[27]
				[28]

1x70W				
MH		CDM-TC (G8.5) HF control gear	beam width	finish reference
			▲	
Ø.12005.00			asymmetric	[26]
				[27]
				[28]
possible configuration			Ø.12001.00 [26]	



Accessories (pg. 670).

Adjustable exterior projector



1x70W				
MH		HIT-DE (RX7s) HPF control gear	beam width	finish reference
			▲	
Ø.05091.EV			asymmetric	[28]
1x150W				
MH		HIT-DE (RX7s) HPF control gear	beam width	finish reference
			▲	
Ø.05090.EV			asymmetric	[28]
1x250W				
MH		HIT-DE (FC2) HPF control gear	beam width	finish reference
			▲	
Ø.05098.EV			asymmetric	[28]
1x230W				
HALO		QT-DE (R7s) mains voltage	beam width	finish reference
			▲	
Ø.05095.00			asymmetric	[28]
possible configuration			Ø.05091.00 [28]	



1x70W				
MH		CDM-T (G12) HPF control gear	beam width	finish reference
			▲	
			14°	[28]
			40°	
1x150W				
MH		CDM-T (G12) HPF control gear	beam width	finish reference
			▲	
			20°	[28]
			44°	
possible configuration			Ø.05093.EV [28]	



Accessories (pg. 670).



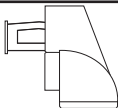
Accessories (pg. 670).

Accessories

metal halide lamps



ZAGARA	details	reference	finish reference
	extended bracket for mounting on cornices	0.12000.00	26
			27
			28
	arm bracket	0.12010.00	26
			27
			28
possible configuration		0.12000.00	26



UNITED	details	reference	finish reference
 FILTERS	dichroic filters	0.05293.00	74
	shield finish	0.05293.00	75
	74 blue	0.05293.00	76
	75 green	0.05293.00	77
	76 yellow	0.05293.00	77
77 red			
	anti-glare attachment	0.05291.00	21
	louvre	0.05292.00	21
	barn doors	0.05290.00	21
	Fresnel lens	0.05294.00	28
possible configuration		0.05293.00	74



exterior lighting, Guangzhou Opera House © Hufton+Crow

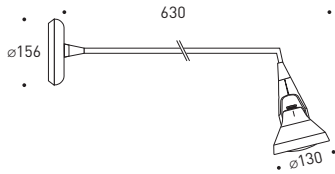
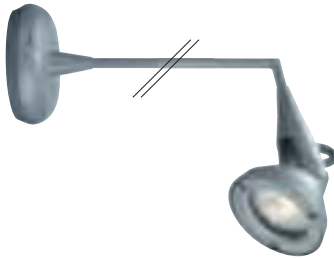


RIOS PLUS _ RIOS

adjustable projector

design by: **Fabio Reggiani**

Adjustable exterior projector



SURFACE-MOUNTED, COMPACT VERSION
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			



SURFACE-MOUNTED VERSION WITH EXTENDED ARM
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			

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			

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.

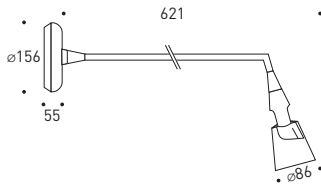
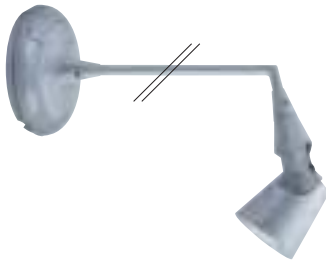
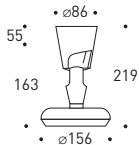


Accessories (pg. 678).
Photometric data (pg. 704-705 / 708-709).



Accessories (pg. 678).
Photometric data (pg. 704-705 / 708-709).

Adjustable exterior projector



SURFACE-MOUNTED, COMPACT VERSION

HALO		QR-CB GU5.3	lamp with built-in reflector	finish reference
50 W				
Ø.13200.00			/	[26]
				[27]
				[28]
possible configuration			Ø.13200.00 10	



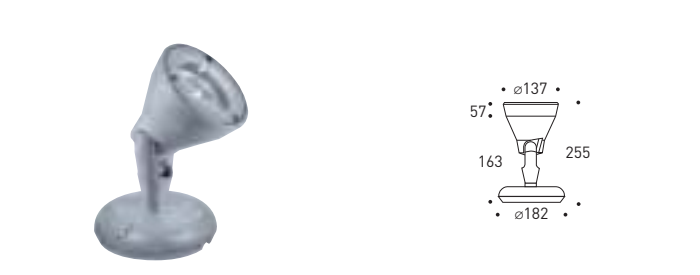
SURFACE-MOUNTED VERSION WITH EXTENDED ARM

HALO		QR-CB GU5.3	lamp with built-in reflector	finish reference
50 W				
Ø.13220.00			/	[26]
				[27]
				[28]
possible configuration			Ø.13220.00 10	



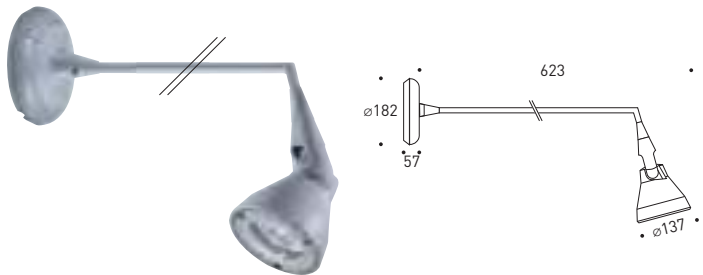
Accessories [pg. 678].

Adjustable exterior projector



SURFACE-MOUNTED, COMPACT VERSION

MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
35 W			
	0.13241.00	14°	26
	0.13242.00	34°	27
	0.13243.00	56°	28
50 W			
	0.50220.00	14°	26
	0.50221.00	34°	27
	0.50222.00	56°	28
70 W			
	0.13244.00	16°	26
	0.13245.00	34°	27
	0.13246.00	58°	28
possible configuration		0.13241.00	26



SURFACE-MOUNTED VERSION WITH EXTENDED ARM

MH IOS	CDM-TC G8.5	IOS MH2 optics	finish reference
35 W			
	0.13271.00	14°	26
	0.13272.00	34°	27
	0.13273.00	56°	28
50 W			
	0.50223.00	14°	26
	0.50224.00	34°	27
	0.50225.00	56°	28
70 W			
	0.13274.00	16°	26
	0.13275.00	34°	27
	0.13276.00	58°	28
possible configuration		0.13271.00	26

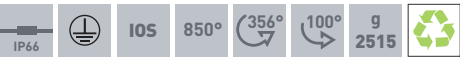
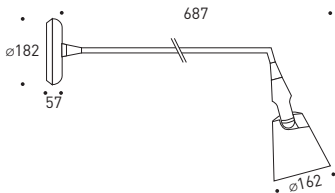
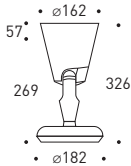


Accessories (pg. 678).
Photometric data (pg. 767).



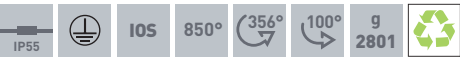
Accessories (pg. 678).
Photometric data (pg. 767).

Adjustable exterior projector



SURFACE-MOUNTED, COMPACT VERSION

MH IOS		CDM-T G12	IOS MH5 optics	finish reference
35 W				
		Ø.13283.00	14°	[26]
		Ø.13284.00	22°	[27]
		Ø.13285.00	50°	[28]
50 W				
		Ø.50226.00	14°	[26]
		Ø.50227.00	22°	[27]
		Ø.50228.00	50°	[28]
70 W				
		Ø.13286.00	14°	[26]
		Ø.13287.00	22°	[27]
		Ø.13288.00	50°	[28]
possible configuration			Ø.13283.00 [26]	



SURFACE-MOUNTED VERSION WITH EXTENDED ARM

MH IOS		CDM-T G12	IOS MH5 optics	finish reference
35 W				
		Ø.13293.00	14°	[26]
		Ø.13294.00	22°	[27]
		Ø.13295.00	50°	[28]
50 W				
		Ø.50229.00	14°	[26]
		Ø.50230.00	22°	[27]
		Ø.50231.00	50°	[28]
70 W				
		Ø.13296.00	14°	[26]
		Ø.13297.00	22°	[27]
		Ø.13298.00	50°	[28]
possible configuration			Ø.13293.00 [26]	



Accessories (pg. 678).
Photometric data (pg. 768).



Accessories (pg. 678).
Photometric data (pg. 768).

Accessories
LED

LED



RIOS PLUS		details	IOS		reference	finish reference
LED IOS LL2	 • ø80 •	interchangeable optical system	A	11°	0.35050.00	00
		shield finish 00 clear	B	15°	0.35049.00	
			C	21°	0.35051.00	
			D	29°	0.35052.00	
			E	51°	0.35053.00	
			F	Mira*	0.35054.00	
			H	W. W.	0.35059.00	
LED IOS LL2 FOOD	 • ø80 •	interchangeable optical system with selective filters	IOS LL2	11°	0.35050.00	64
		shield finish 64 green 65 light blue 66 orange 67 pink		15°	0.35049.00	65
				21°	0.35051.00	66
				29°	0.35052.00	67
				51°	0.35053.00	
		earth spike			0.13190.00	00
possible configuration					0.35050.00	00

Accessories
halogen lamps /
metal halide lamps

halogen lamps / metal halide lamps

RIOS		details	IOS	▲	reference	finish reference
MH IOS MH2	 • ø80 •	interchangeable optical system	IOS MH2	14°/16°	0.11300.00	00
		shield finish 00 clear		34°	0.11301.00	
				56°/58°	0.11302.00	
MH IOS MH2 FOOD	 • ø80 •	interchangeable optical system with selective filters	IOS MH2	14°/16°	0.11300.00	64
		shield finish 64 green 65 light blue 66 orange 67 pink		34°	0.11301.00	65
				56°/58°	0.11302.00	66
						67
MH IOS MH2 UV/IR	 • ø80 •	interchangeable optical system	IOS MH2	14°/16°	0.11300.00	59
		shield finish 59 IR - 79 anti UV 74 blue dichroic filter 75 green dichroic filter 76 yellow dichroic filter 77 red dichroic filter		34°	0.11301.00	79
				56°/58°	0.11302.00	74
						75
						76
						77
MH IOS MH5	 • ø80 •	interchangeable optical system	IOS MH5	14°	0.13250.00	00
		shield finish 00 clear		22°	0.13251.00	
				50°	0.13252.00	
MH IOS MH5 FOOD	 • ø80 •	interchangeable optical system with selective filters	IOS MH5	14°	0.13250.00	64
		shield finish 64 green 65 light blue 66 orange 67 pink		22°	0.13251.00	65
				50°	0.13252.00	66
						67
MH IOS MH5 UV/IR	 • ø80 •	interchangeable optical system	IOS MH5	14°	0.13250.00	59
		shield finish 59 IR - 79 anti UV 74 blue dichroic filter 75 green dichroic filter 76 yellow dichroic filter 77 red dichroic filter		22°	0.13251.00	79
				50°	0.13252.00	74
						75
						76
						77
		earth spike			0.13190.00	00
possible configuration					0.11300.00	00



Next Home and garden Shoreham - London, England

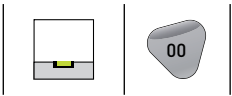


METAMORPHOSI

ground recessed luminaire

design by: **Fabio Reggiani**

Fixed ground recessed exterior luminaire



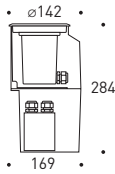
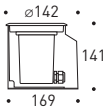
2 W		180 lm						
LED	driver	product reference	beam width	lumen reference			finish reference	
			▲	nom. lm	K	CRI		
non-dimmable	Ø.B8500	15°		WW	180	3000	>85	00
				NN	197	4000	>85	
non-dimmable	Ø.C8500	29°		WW	180	3000	>85	00
				NN	197	4000	>85	
non-dimmable	Ø.D8500	47°		WW	180	3000	>85	00
				NN	197	4000	>85	
possible configuration				Ø.B8500.WW00				

Refer to the table on page 688 for finishes



Accessories (pg. 689).
Photometric data (pg. 700).

Fixed ground recessed exterior luminaire



HALO		QR-CB GU5.3	lamp with built-in reflector	finish reference
20 W				
		0.06091.00	/	00
				16
				28
possible configuration		0.06091.00.00		

HALO		QR-CB GU5.3	lamp with built-in reflector	finish reference
20 W		Built-in transformer		
		0.06092.EV	/	00
				16
				28
possible configuration		0.06092.EV.00		

Refer to the table on page 688 for finishes

HALO		HI-SPOT GZ10	lamp with built-in reflector	finish reference
50 W				
		0.06093.00	/	00
				16
				28
possible configuration		0.06093.00.00		

Refer to the table on page 688 for finishes

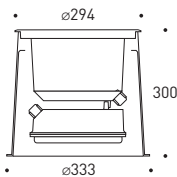
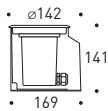
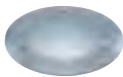


Accessories [pg. 689].



Accessories [pg. 689].

Fixed ground recessed exterior luminaire



FLU		TC-DE G24q-1	beam width	finish reference
10 W				
		0.06086.00	/	00
				16
				28
		possible configuration		
		0.06086.00_00		

Refer to the table on page 688 for finishes

MH		CDM-T G12	beam width	finish reference
20 W HF control gear				
		0.05918.00	10°	00
		0.05919.00	32°	03
				16
				28
35 W HPF control gear				
		0.05920.EV	10°	00
		0.05921.EV	32°	03
				16
				28
70 W HPF control gear				
		0.05922.EV	10°	00
		0.05923.EV	32°	03
				16
				28
150 W HPF control gear				
		0.05924.EV	12°	00
		0.05925.EV	34°	03
				16
				28
		possible configuration		
		0.05918.00_00		

Refer to the table on page 688 for finishes

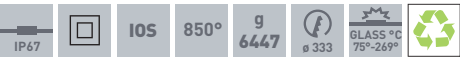
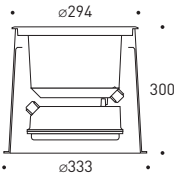
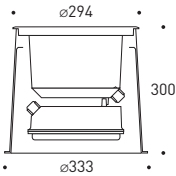


Accessories (pg. 689).



Accessories (pg. 689).

Adjustable ground recessed exterior luminaire



MH IOS	CDM-T G12	IOS MH5 optics	finish reference
20 W	HF control gear		
	0.05817.00	14°	00
	0.05818.00	22°	03
	0.05824.00	28°	16
	0.05819.00	50°	28
35 W	HPF control gear		
	0.05821.EV	14°	00
	0.05822.EV	22°	03
	0.05829.EV	28°	16
	0.05823.EV	50°	28
70 W	HPF control gear		
	0.05826.EV	14°	00
	0.05827.EV	22°	03
	0.05834.EV	28°	16
	0.05828.EV	50°	28
150 W	HPF control gear		
	0.05831.EV	14°	00
	0.05839.EV	28°	16
	0.05833.EV	48°	28

HALO	QR-111 G53	beam width	finish reference
65 W - 12 V			
	0.05843.EV	/	00
			16
			28
possible configuration		0.05843.EV 00	

Refer to the table on page 688 for finishes

HALO IOS	QT-14 G9	IOS MH5 optics	finish reference
60 W			
	0.05836.00	16°	00
	0.05842.00	28°	16
	0.05838.00	50°	28
possible configuration		0.05817.00 00	

Refer to the table on page 688 for finishes



Accessories (pg. 689).
Photometric data (pg. 770-771 / 773).



Accessories (pg. 689).

Ground recessed exterior luminaire
with asymmetric beam



MH		HIT-DE RX7s	beam width	finish reference
			▼	
70 W	HPF control gear		asymmetric	00
				03
				16
				28
150 W	HPF control gear		asymmetric	00
				03
				16
				28
possible configuration			0.05928.EV00	

Refer to the table on page 688 for finishes



FLU	 TC-D G24d-3	beam width	finish reference
26 W	HPF control gear	 asymmetric	<u>00</u>
			<u>03</u>
			<u>16</u>
			<u>28</u>
			possible configuration

Refer to the table on page 688 for finishes

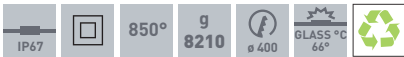
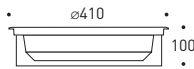
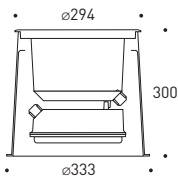


Accessories (pg. 689).



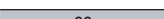
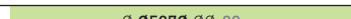
Accessories (pg. 689).

Ground recessed exterior luminaire



FLU	 TC-D G24d-3	beam width	finish reference
26 W	HPF control gear Ø.05841.EV	▼	
		60°	00
			03
			16
			28
possible configuration		Ø.05841.EV00	

Refer to the table on page 688 for finishes

FLU	 TC-L 2G11	beam width	finish reference
2x18 W HF control gear		▼	
 0.05870.00		36°	 00
 0.05870.00		36°	 28
possible configuration		 0.05870.0028	

FLU		TC-TE GX24q-4	beam width	finish reference
2x18 W HF control gear			▼	
Ø.05871.00			36°	[00]
Ø.05871.00			36°	[28]
possible configuration			Ø.05871.00[28]	

Refer to the table on page 688 for finishes

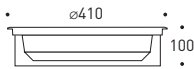


Accessories (pg. 689).



Accessories (pg. 689).

Ground recessed exterior luminaire with asymmetric beam



MH		HIT-DE RX7s	beam width	finish reference
70 W HPF control gear				
		Ø.05875.EV	asymmetric	<u>00</u>
		Ø.05875.EV	asymmetric	<u>28</u>
possible configuration			Ø.05875.EV<u>28</u>	

MH		HIT-DE RX7s	beam width	finish reference
150 W HPF control gear				
		Ø.05877.EV	asymmetric	<u>00</u>
		Ø.05877.EV	asymmetric	<u>28</u>
possible configuration			Ø.05877.EV<u>28</u>	

Refer to the table on page 688 for finishes



Accessories (pg. 689).



Finish table					
reference	finish reference				page
	<u>00</u>	<u>03</u>	<u>16</u>	<u>28</u>	
Ø.B8500	•				682
Ø.C8500	•				
Ø.D8500	•				
Ø.06091.00	•		•	•	683
Ø.06093.00	•		•	•	
Ø.06092.EV	•		•	•	
Ø.06086.00	•		•	•	684
Ø.05918.00	•	•	•	•	
Ø.05919.00	•	•	•	•	
Ø.05920.EV	•	•	•	•	
Ø.05921.EV	•	•	•	•	
Ø.05922.EV	•	•	•	•	
Ø.05923.EV	•	•	•	•	
Ø.05924.EV	•	•	•	•	
Ø.05925.EV	•	•	•	•	685
Ø.05817.00	•	•	•	•	
Ø.05818.00	•	•	•	•	
Ø.05824.00	•	•	•	•	
Ø.05819.00	•	•	•	•	
Ø.05821.EV	•	•	•	•	
Ø.05822.EV	•	•	•	•	
Ø.05829.EV	•	•	•	•	
Ø.05823.EV	•	•	•	•	
Ø.05826.EV	•	•	•	•	
Ø.05827.EV	•	•	•	•	
Ø.05834.EV	•	•	•	•	
Ø.05828.EV	•	•	•	•	
Ø.05831.EV	•		•	•	
Ø.05839.EV	•		•	•	
Ø.05833.EV	•		•	•	
Ø.05836.00	•		•	•	
Ø.05842.00	•		•	•	
Ø.05838.00	•		•	•	
Ø.05843.EV	•		•	•	
Ø.05928.EV	•	•	•	•	686
Ø.05929.EV	•	•	•	•	
Ø.05840.EV	•	•	•	•	
Ø.05841.EV	•	•	•	•	687
Ø.05870.00	•			•	
Ø.05871.00	•			•	
Ø.05875.EV	•			•	688
Ø.05877.EV	•			•	

Accessories
LED

METAMORPHOSI	details	reference	finish reference
	additional recessing box	0.05860.00	00
possible configuration			
		0.05860.00	00

Accessories
halogen lamps / compact fluorescent lamps

METAMORPHOSI	details	reference	finish reference
	safety glass	0.06285.00	81
possible configuration			
		0.06285.00	81

Accessories
metal halide lamps

METAMORPHOSI	details	reference	finish reference
	stainless steel bezel	0.05869.00	00
possible configuration			
		0.05869.00	00

Accessories
halogen lamps / metal halide lamps /

METAMORPHOSI		details	reference		finish reference
MH 105 MH5  • ø130 •	interchangeable optical system	IOS MH5	14°	0.11310.00	00
			22°	0.11311.00	
			28°	0.11318.00	
			50°	0.11312.00	
			Mira*	0.11313.00	
MH 105 MH5 FOOD  • ø130 •	interchangeable optical system with selective filters	IOS MH5	14°	0.11310.00	64
			22°	0.11311.00	65
			28°	0.11318.00	66
			50°	0.11312.00	67
MH 105 MH5 UV/IR MH 105 MH5  • ø130 •	interchangeable optical system	IOS MH5	14°	0.11310.00	59
			22°	0.11311.00	79
			28°	0.11318.00	74
			50°	0.11312.00	75
					76
HALO 105 HL5  • ø130 •	interchangeable optical system	IOS MH5	16°	0.13250.00	00
			22°	0.13251.00	
			28°	0.11318.00	
			50°	0.13252.00	
● ● ● GLASS	safety glass		0.05844.00	00	
	stainless steel bezel		0.05845.00	00	
	anti-glare louvre		0.05926.00	21	
* elliptical beam					
possible configuration			0.11310.00 00		

* elliptical beam



OFU

fixed recessed luminaire

design by: **Álvaro Siza**

Ground recessed luminaire with control gear technology for metal halide and compact fluorescent lamps



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



1x26W				
FLU		TC-DE (G24q-1) HF control gear	beam width	finish reference
		Ø.12113.00	/	80 81

1x32W				
FLU		TC-DE (G24q-1) HF control gear	beam width	finish reference
		Ø.12114.00	/	80 81
possible configuration			Ø.12110.EV 80	

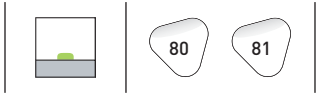


Accessories (pg. 693).



Accessories (pg. 693).

Ground recessed luminaire with control gear technology
for colour changing led module



14,4W				
HALO		colour changing led	beam width	finish reference
		Ø.12115.00	/	[80]
				[81]
		possible configuration	Ø.12115.00 [80]	

Accessories
metal halide lamps / compact fluorescent lamps

OFU	details	reference	finish reference
	dichroic filters	Ø.12125.00	[74]
	shield finish	Ø.12125.00	[75]
	74 blu	Ø.12125.00	[76]
	75 green	Ø.12125.00	[77]
	76 yellow	Ø.12125.00	[77]
	77 red		
		possible configuration	Ø.12125.00 [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		102,3	98,2
			WW	3000			>85	310	298	100		90,6	87,1
			NN	4000			>85	375	360	121		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		83,3	78,4
			WW	3000			>85	650	611	108		95,0	89,3
			NN	4000			>85	700	658	117		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		86,0	80,9
			WW	3000			>85	880	827	113		99,0	93,0
			NN	4000			>85	975	917	125		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		87,3	78,6
			WW	3000			>85	1320	1188	114		99,8	89,8
			NN	4000			>85	1460	1314	126		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		87,2	76,7
			WW	3000			>85	1740	1531	112		98,5	86,7
			NN	4000			>85	1915	1685	124		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		72,9	68,5
			WW	3000			>85	1655	1556	103		90,7	85,3
			NN	4000			>85	1760	1654	110		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		74,8	67,3
			WW	3000			>85	2470	2223	104		91,0	81,9
			NN	4000			>85	2565	2309	108		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		74,0	65,1
			WW	3000			>85	3285	2891	104		91,2	80,2
			NN	4000			>85	3450	3036	109		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.

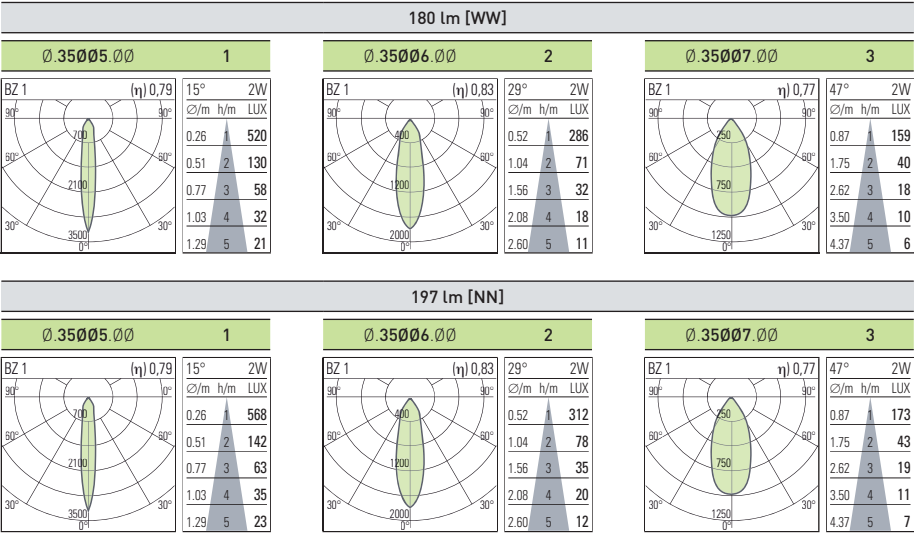
Led by	Typology	actual LED wattage	ID abbreviation	Kelvin	SDMC (binning) K Tolerance	CRI	Nominal Lumen	Hot Lumen	lm/watt LED Nominal	lm/watt LED Hot	Power consumption LED+DRIVER	lm/Watt Nominal LED+DRIVER	lm/Watt Hot LED+DRIVER
3W	LINEARE	12V	HW	2700	SDMC <3 +/-50k	>85	355	337	118,3	112,4	4,5W	78,9	74,9
			WW	3000			370	352	123,3	117,2		82,2	78,1
			NN	4000			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			740	703	123,3	117,2		92,5	87,9
			NN	4000			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			1110	1055	123,3	117,2		92,5	87,9
			NN	4000			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			1480	1406	123,3	117,2		92,5	87,9
			NN	4000			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			550	523	122,2	116,1		78,6	74,6
			NN	4000			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			1100	1045	122,2	116,1		91,7	87,1
			NN	4000			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			1650	1568	122,2	116,1		94,3	89,6
			NN	4000			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			2200	2090	122,2	116,1		91,7	87,1
			NN	4000			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			3300	3135	122,2	116,1		97,1	92,2
			NN	4000			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			6600	6270	122,2	116,1		106,5	101,1
			NN	4000			6995	6645	129,5	123,1		112,8	107,2



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



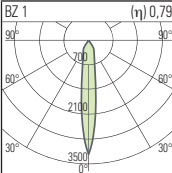
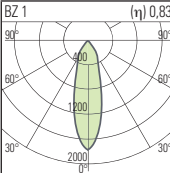
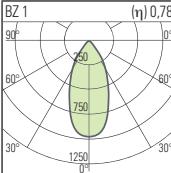
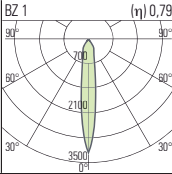
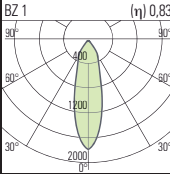
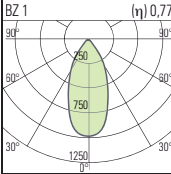
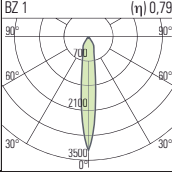
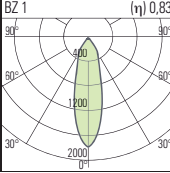
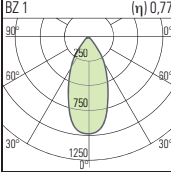
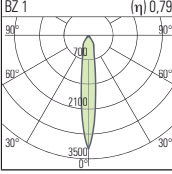
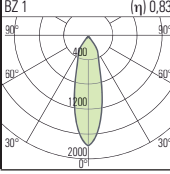
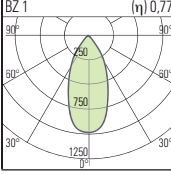


• 50 •

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

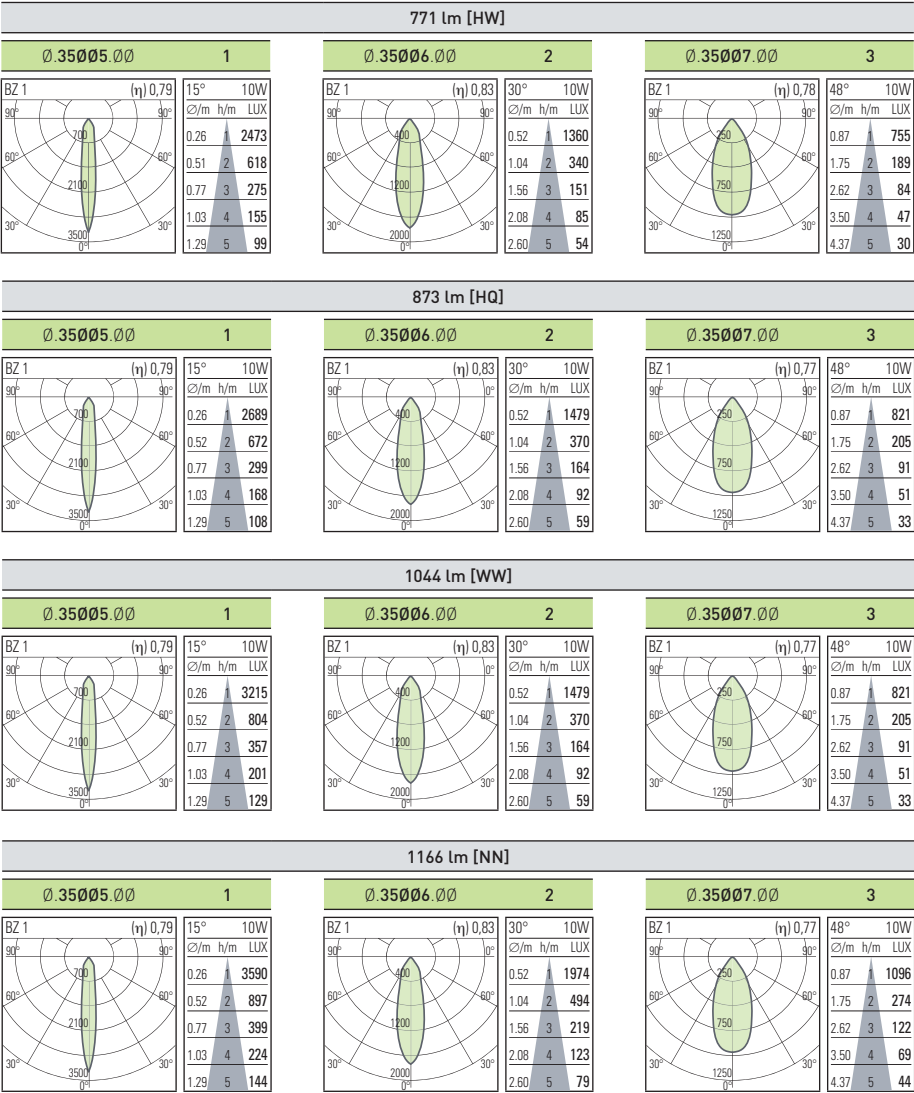
LED
IOS
LL1

633 lm [HW]					
Ø.35005.00 1		Ø.35006.00 2		Ø.35007.00 3	
BZ 1 	(η) 0,79 15° 7W Ø/m h/m LUX 0.26 1 1951 0.51 2 488 0.77 3 217 1.03 4 122 1.29 5 78	BZ 1 	(η) 0,83 29° 7W Ø/m h/m LUX 0.52 1 1073 1.04 2 268 1.56 3 119 2.08 4 67 2.60 5 43	BZ 1 	(η) 0,78 47° 7W Ø/m h/m LUX 0.87 1 596 1.75 2 149 2.62 3 66 3.50 4 37 4.37 5 24
688 lm [HQ]					
Ø.35005.00 1		Ø.35006.00 2		Ø.35007.00 3	
BZ 1 	(η) 0,79 15° 7W Ø/m h/m LUX 0.26 1 2117 0.51 2 529 0.77 3 235 1.03 4 132 1.29 5 85	BZ 1 	(η) 0,83 29° 7W Ø/m h/m LUX 0.52 1 2117 1.04 2 291 1.56 3 129 2.08 4 73 2.60 5 47	BZ 1 	(η) 0,77 47° 7W Ø/m h/m LUX 0.87 1 647 1.75 2 162 2.62 3 72 3.50 4 40 4.37 5 26
810 lm [WW]					
Ø.35005.00 1		Ø.35006.00 2		Ø.35007.00 3	
BZ 1 	(η) 0,79 15° 7W Ø/m h/m LUX 0.26 1 2496 0.51 2 624 0.77 3 277 1.03 4 156 1.29 5 100	BZ 1 	(η) 0,83 29° 7W Ø/m h/m LUX 0.52 1 1373 1.04 2 343 1.56 3 153 2.08 4 86 2.60 5 55	BZ 1 	(η) 0,77 47° 7W Ø/m h/m LUX 0.87 1 762 1.75 2 191 2.62 3 85 3.50 4 48 4.37 5 30
907 lm [NN]					
Ø.35005.00 1		Ø.35006.00 2		Ø.35007.00 3	
BZ 1 	(η) 0,79 15° 7W Ø/m h/m LUX 0.26 1 2794 0.51 2 699 0.77 3 310 1.03 4 175 1.29 5 112	BZ 1 	(η) 0,83 29° 7W Ø/m h/m LUX 0.52 1 1537 1.04 2 384 1.56 3 171 2.08 4 96 2.60 5 61	BZ 1 	(η) 0,77 47° 7W Ø/m h/m LUX 0.87 1 853 1.75 2 213 2.62 3 95 3.50 4 53 4.37 5 34



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

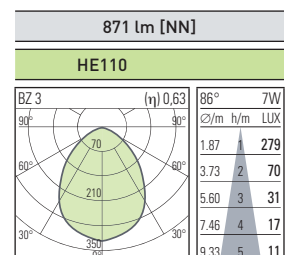
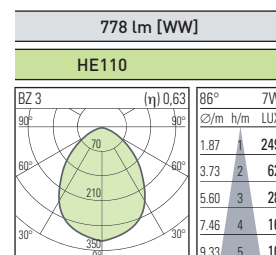
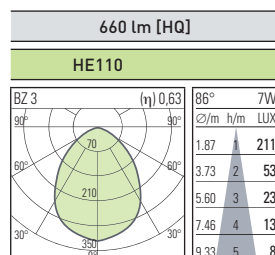
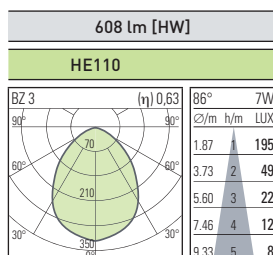
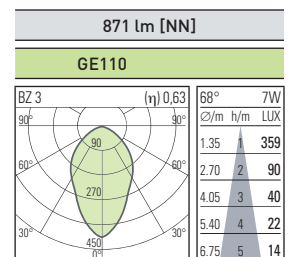
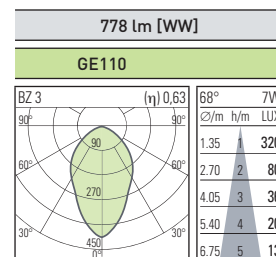
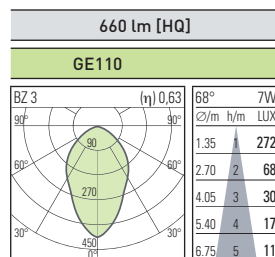
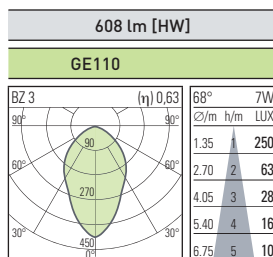
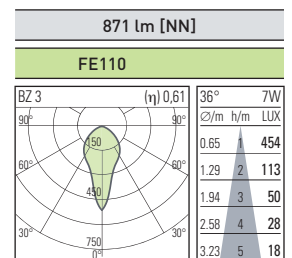
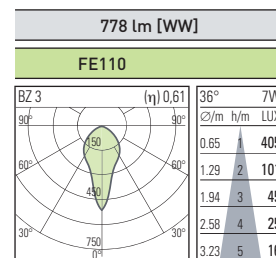
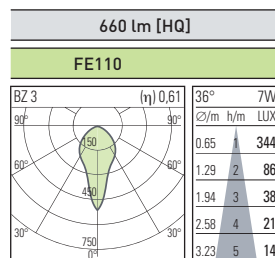
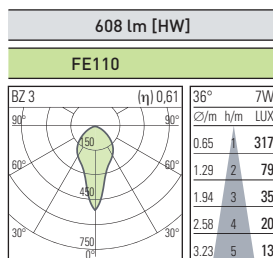
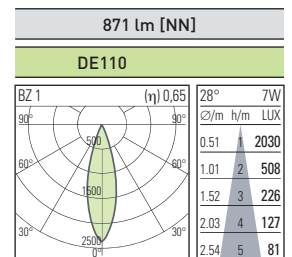
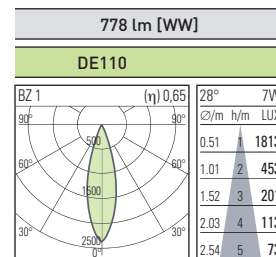
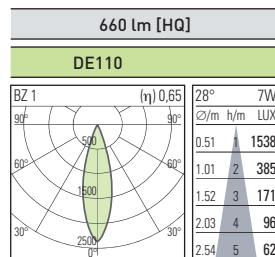
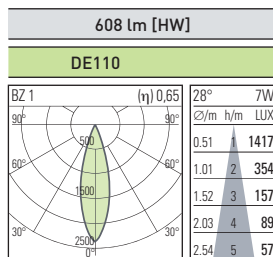
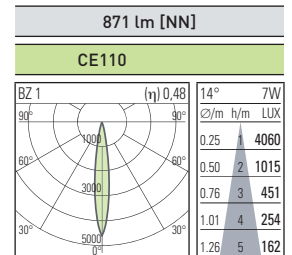
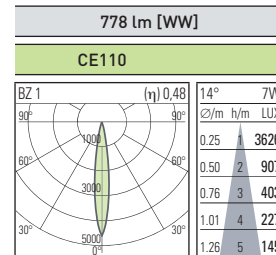
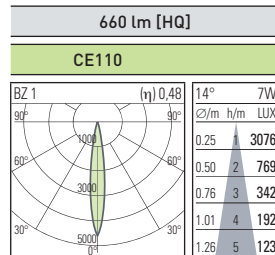
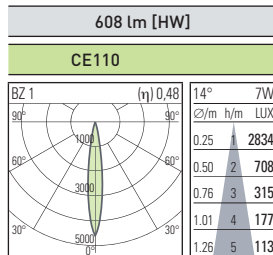
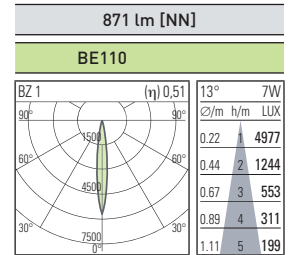
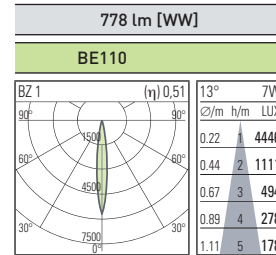
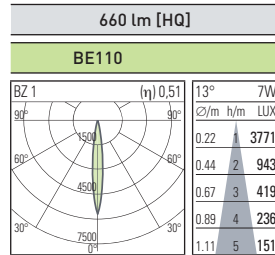
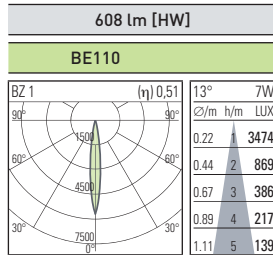


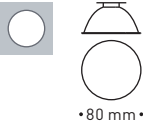


TobuLED incorporates the best high efficiency LEDs (up to 860 lm, 126 lm/W) with varying tones of excellent white (2700K-3000K-4000K, CRI from 84 to 93). Lifetime: more than 50,000 hours (maintaining 70% of the initial luminous flux). Reflectors made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%).

7 W

LED





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.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C						
BZ 1 (η) 0.82	11° 13W Ø/m h/m LUX 0.19 1 11492 0.38 2 2873 0.57 3 1277 0.76 4 718 0.96 5 460	BZ 1 (η) 0.80	15° 13W Ø/m h/m LUX 0.27 1 6495 0.54 2 1624 0.81 3 722 1.08 4 406 1.35 5 260	BZ 1 (η) 0.81	21° 13W Ø/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.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F [Mira]		Ø.35Ø59.00 H (Wall Washer)				
BZ 1 (η) 0.79	29° 13W Ø/m h/m LUX 0.52 1 2721 1.03 2 680 1.55 3 302 2.07 4 170 2.58 5 109	BZ 1 (η) 0.80	51° 13W Ø/m h/m LUX 0.96 1 1085 1.92 2 271 2.87 3 121 3.83 4 68 4.79 5 43	BZ 1 (η) 0.71	78° 13W Ø/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 Ø/m h/m LUX 0.36 1 1197 0.72 2 299 1.08 3 133 1.43 4 75 1.79 5 48	BZ 2 / 1 / BZ 3 (η) 0.76		61° 13W Ø/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 Ø/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.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C						
BZ 1 (η) 0.82	11° 13W Ø/m h/m LUX 0.19 1 12010 0.38 2 3055 0.57 3 1358 0.76 4 764 0.95 5 489	BZ 1 (η) 0.80	15° 13W Ø/m h/m LUX 0.27 1 6906 0.54 2 1726 0.81 3 767 1.08 4 432 1.35 5 276	BZ 1 (η) 0.81	21° 13W Ø/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.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F [Mira]		Ø.35Ø59.00 H (Wall Washer)				
BZ 1 (η) 0.79	29° 13W Ø/m h/m LUX 0.52 1 2893 1.03 2 723 1.55 3 321 2.07 4 181 2.58 5 116	BZ 1 (η) 0.79	51° 13W Ø/m h/m LUX 0.96 1 1153 1.92 2 288 2.87 3 128 3.83 4 72 4.79 5 46	BZ 1 (η) 0.71	78° 13W Ø/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 Ø/m h/m LUX 0.36 1 1273 0.72 2 318 1.08 3 141 1.43 4 80 1.79 5 51	BZ 2 / 1 / BZ 3 (η) 0.76		61° 13W Ø/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 Ø/m h/m LUX 1.60 1 531 3.20 2 133 4.80 3 59 6.40 4 33 8.00 5 21



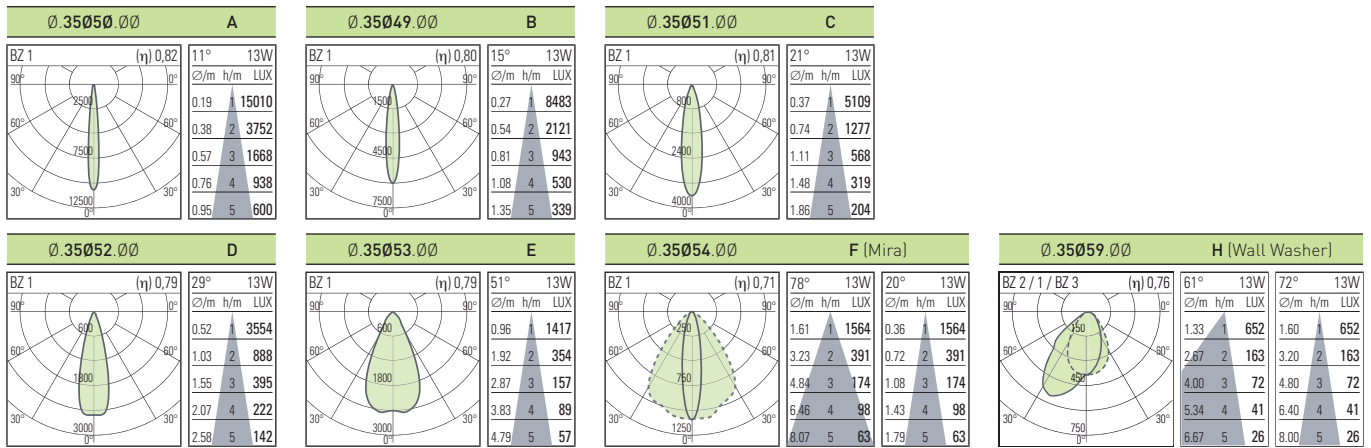
•80 mm•

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.

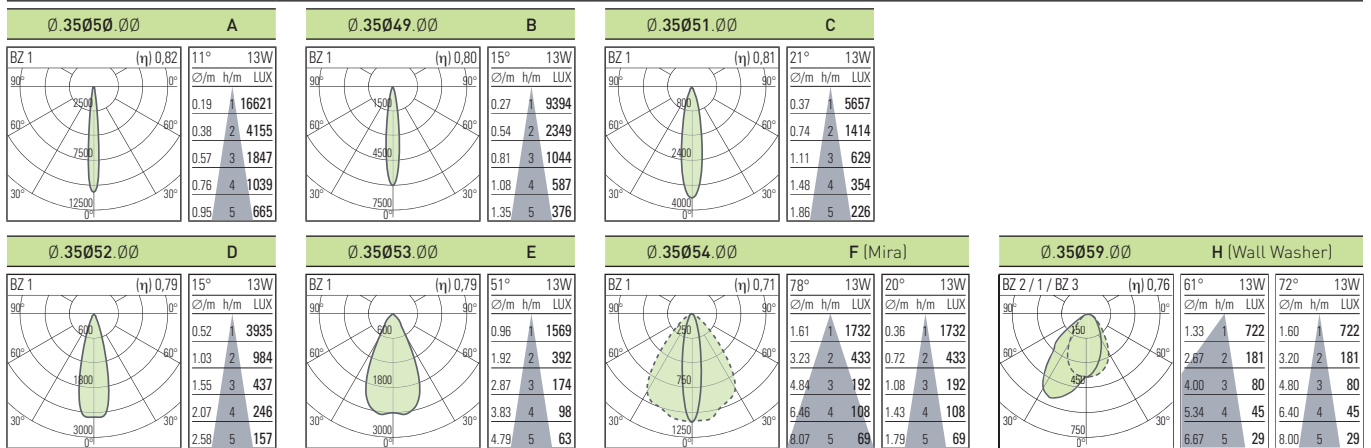
13 W

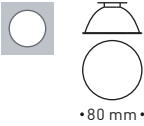
LED
IOS
LL2

1500 lm [WW]



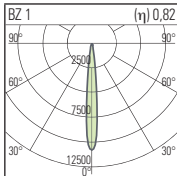
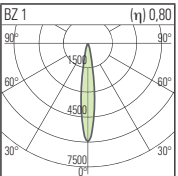
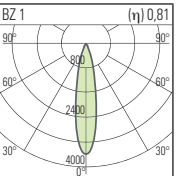
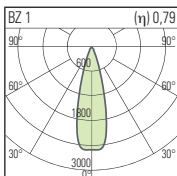
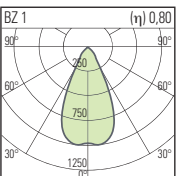
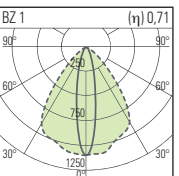
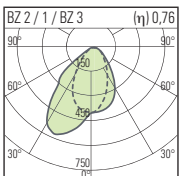
1661 lm [NN]

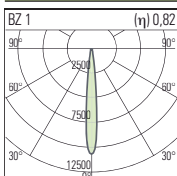
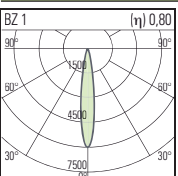
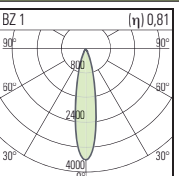
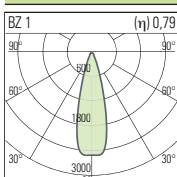
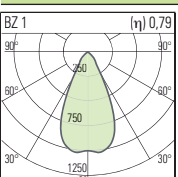
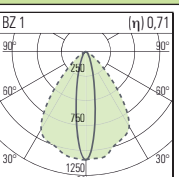
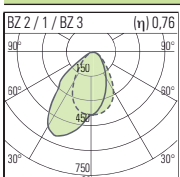


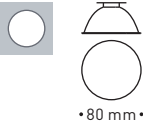


IOS reflectors with Ø 80 mm (LL2) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium 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.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C							
BZ 1 	11° 18W Ø/m h/m LUX 0.19 1 16495 0.38 2 4124 0.57 3 1833 0.76 4 1031 0.96 5 660	BZ 1 	15° 18W Ø/m h/m LUX 0.27 1 9323 0.54 2 2331 0.81 3 1036 1.08 4 583 1.35 5 373	BZ 1 	21° 18W Ø/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.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F [Mira]		Ø.35Ø59.00 H [Wall Washer]					
BZ 1 	29° 18W Ø/m h/m LUX 0.52 1 3905 1.03 2 976 1.55 3 434 2.07 4 244 2.58 5 156	BZ 1 	51° 18W Ø/m h/m LUX 0.96 1 1557 1.92 2 389 2.87 3 173 3.83 4 97 4.79 5 62	BZ 1 	78° 18W Ø/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 Ø/m h/m LUX 0.36 1 1719 0.72 2 430 1.08 3 191 1.43 4 107 1.79 5 69			BZ 2 / 1 / BZ 3 	61° 18W Ø/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 Ø/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 35Ø50.00 A		Ø 35Ø49.00 B		Ø 35Ø51.00 C							
BZ 1 	11° 18W Ø/m h/m LUX 0.19 1 17549 0.38 2 4387 0.57 3 1950 0.76 4 1097 0.96 5 702	BZ 1 	15° 18W Ø/m h/m LUX 0.27 1 9918 0.54 2 2480 0.81 3 1102 1.08 4 620 1.35 5 397	BZ 1 	21° 18W Ø/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 35Ø52.00 D		Ø 35Ø53.00 E		Ø 35Ø54.00 F (Mira)		Ø 35Ø59.00 H (Wall Washer)					
BZ 1 	29° 18W Ø/m h/m LUX 0.52 1 4155 1.03 2 1039 1.55 3 462 2.07 4 260 2.58 5 166	BZ 1 	51° 18W Ø/m h/m LUX 0.96 1 1656 1.92 2 414 2.87 3 184 3.83 4 104 4.79 5 66	BZ 1 	78° 18W Ø/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 Ø/m h/m LUX 0.36 1 1828 0.72 2 457 1.08 3 203 1.43 4 114 1.79 5 73			BZ 2 / 1 / BZ 3 	61° 18W Ø/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 Ø/m h/m LUX 1.60 1 763 3.20 2 191 4.80 3 85 6.40 4 48 8.00 5 31

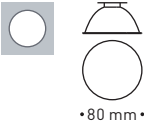


IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium 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

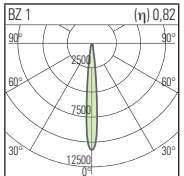
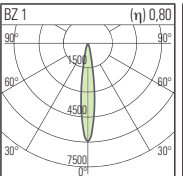
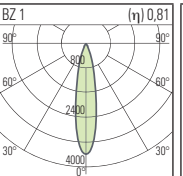
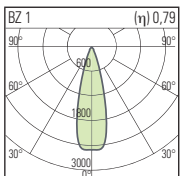
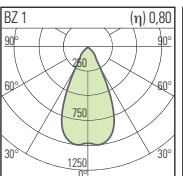
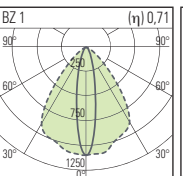
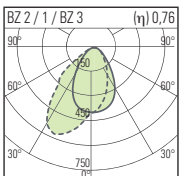
2257 lm [WW]									
Ø.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C					
BZ 1	11° 18W	BZ 1	15° 18W	BZ 1	21° 18W				
90°	0.82	90°	0.80	90°	0.81	90°	0.37	90°	0.769
60°	0.19	60°	0.27	60°	0.37	60°	0.74	60°	1.942
30°	0.38	30°	0.54	30°	0.74	30°	1.11	30°	2.863
0°	0.57	0°	0.81	0°	1.11	0°	1.48	0°	4.486
30°	0.76	30°	1.08	30°	1.48	30°	1.86	30°	5.311
60°	0.96	60°	1.35	60°	1.86	60°		60°	
90°		90°		90°		90°		90°	
Ø.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F (Mira)				Ø.35Ø59.00 H (Wall Washer)	
BZ 1	29° 18W	BZ 1	51° 18W	BZ 1	78° 18W	20° 18W		BZ 2 / 1 / BZ 3	61° 18W
90°	0.79	90°	0.79	90°	0.71	90°	0.36	90°	0.76
60°	0.52	60°	0.96	60°	1.61	60°	0.36	60°	1.33
30°	1.03	30°	1.92	30°	3.23	30°	0.72	30°	2.67
0°	1.55	0°	2.87	0°	4.84	0°	1.08	0°	4.00
30°	2.07	30°	3.83	30°	6.46	30°	1.43	30°	5.34
60°	2.58	60°	4.79	60°	8.07	60°	1.79	60°	6.67
90°		90°		90°		90°		90°	

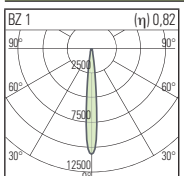
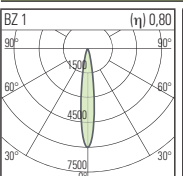
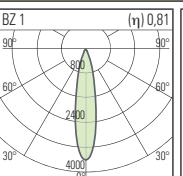
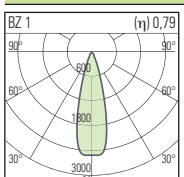
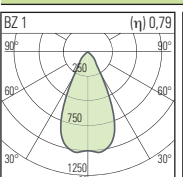
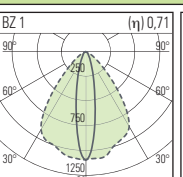
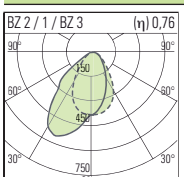
2355 lm [NN]									
Ø.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C					
BZ 1	11° 18W	BZ 1	15° 18W	BZ 1	21° 18W				
90°	0.82	90°	0.80	90°	0.81	90°	0.37	90°	0.8106
60°	0.19	60°	0.27	60°	0.37	60°	0.74	60°	2.026
30°	0.38	30°	0.54	30°	0.74	30°	1.11	30°	3.901
0°	0.57	0°	0.81	0°	1.11	0°	1.48	0°	5.507
30°	0.76	30°	1.08	30°	1.48	30°	1.86	30°	5.324
60°	0.96	60°	1.35	60°	1.86	60°		60°	
90°		90°		90°		90°		90°	
Ø.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F (Mira)				Ø.35Ø59.00 H (Wall Washer)	
BZ 1	29° 18W	BZ 1	51° 18W	BZ 1	78° 18W	20° 18W		BZ 2 / 1 / BZ 3	61° 18W
90°	0.79	90°	0.79	90°	0.71	90°	0.36	90°	0.76
60°	0.52	60°	0.96	60°	1.61	60°	0.36	60°	1.33
30°	1.03	30°	1.92	30°	3.23	30°	0.72	30°	2.67
0°	1.55	0°	2.87	0°	4.84	0°	1.08	0°	4.00
30°	2.07	30°	3.83	30°	6.46	30°	1.43	30°	5.34
60°	2.58	60°	4.79	60°	8.07	60°	1.79	60°	6.67
90°		90°		90°		90°		90°	



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.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C						
BZ 1 	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	BZ 1 	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	BZ 1 	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.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F [Mira]		Ø.35Ø59.00 H [Wall Washer]				
BZ 1 	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	BZ 1 	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	BZ 1 	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				
						BZ 2 / 1 / BZ 3 	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.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C						
BZ 1 	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	BZ 1 	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	BZ 1 	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.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)				
BZ 1 	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	BZ 1 	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	BZ 1 	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				
						BZ 2 / 1 / BZ 3 	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		



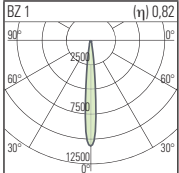
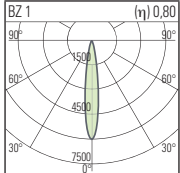
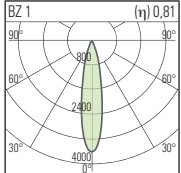
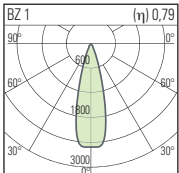
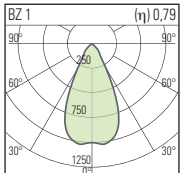
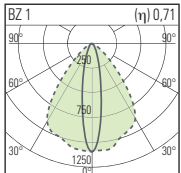
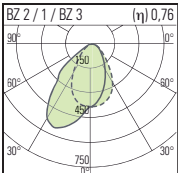
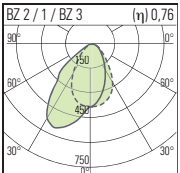
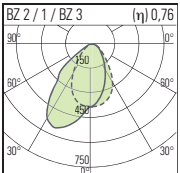
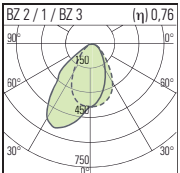
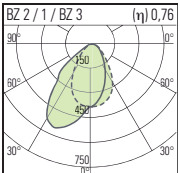
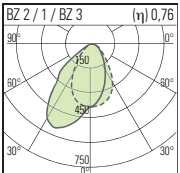
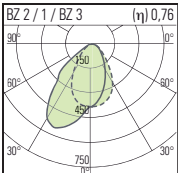
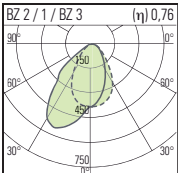
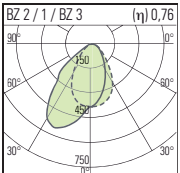
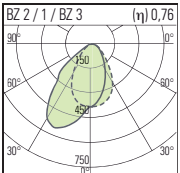
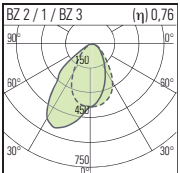
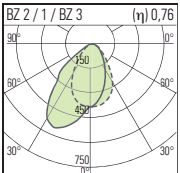
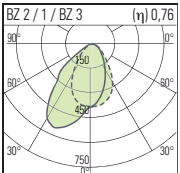
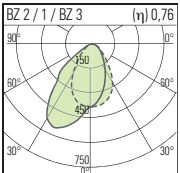
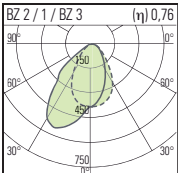
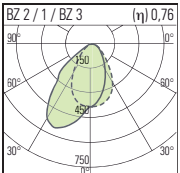
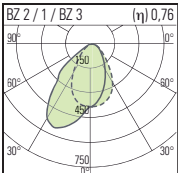
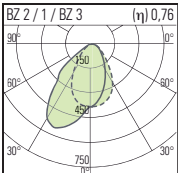
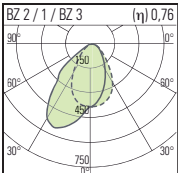
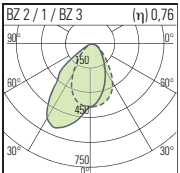
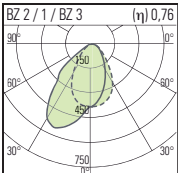
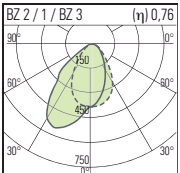
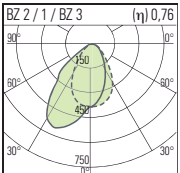
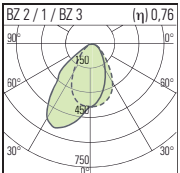
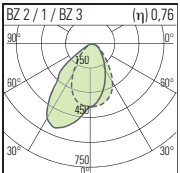
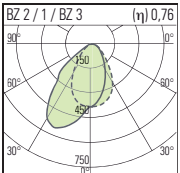
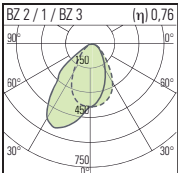
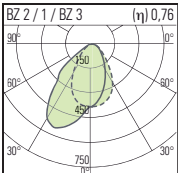
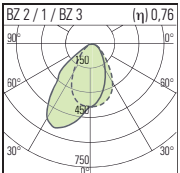
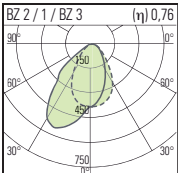
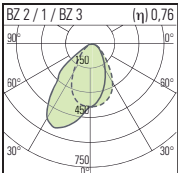
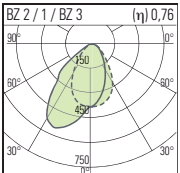
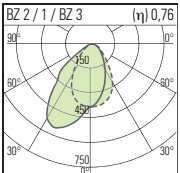
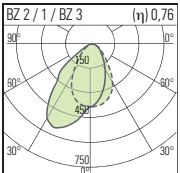
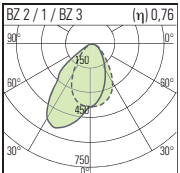
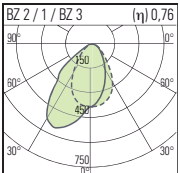
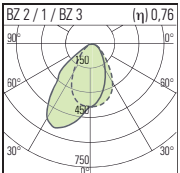
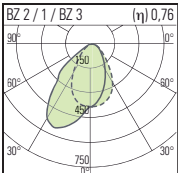
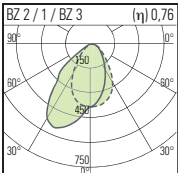
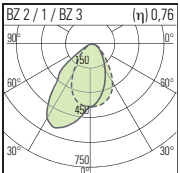
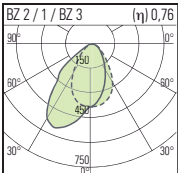
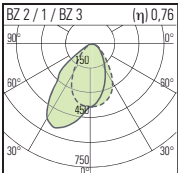
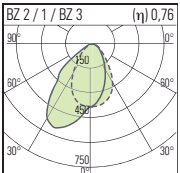
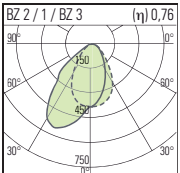
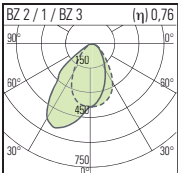
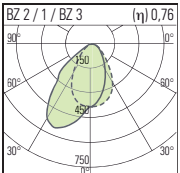
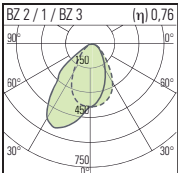
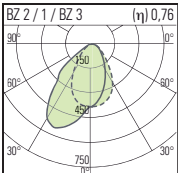
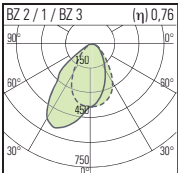
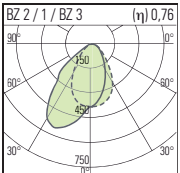
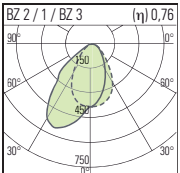
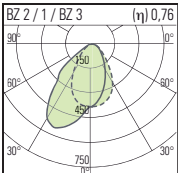
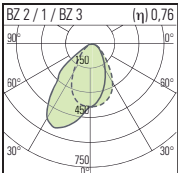
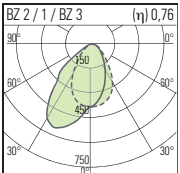
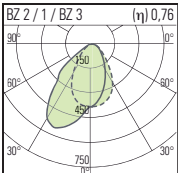
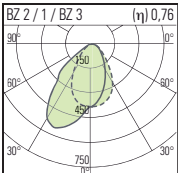
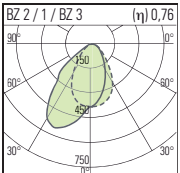
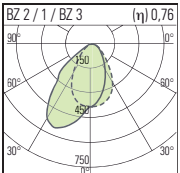
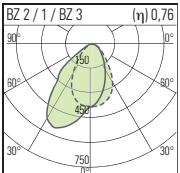
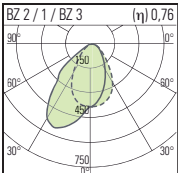
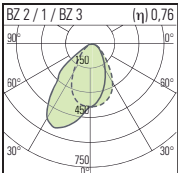
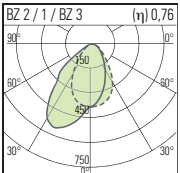
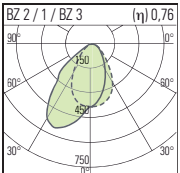
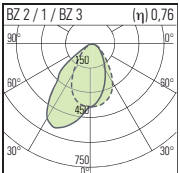
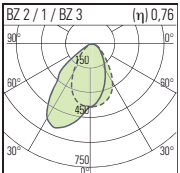
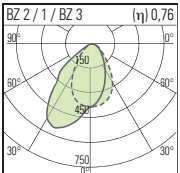
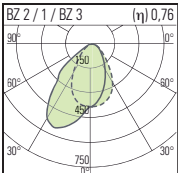
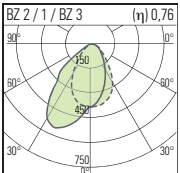
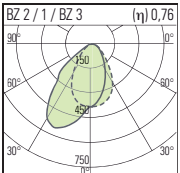
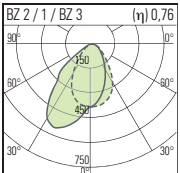
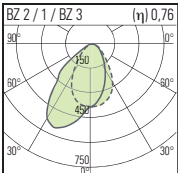
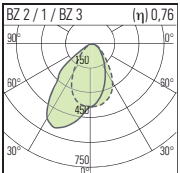
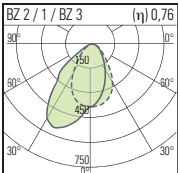
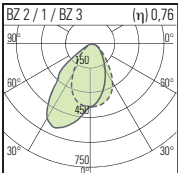
•80 mm•

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.

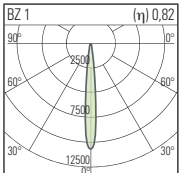
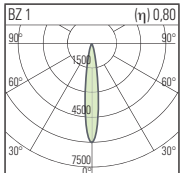
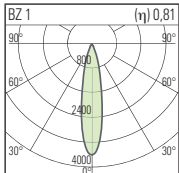
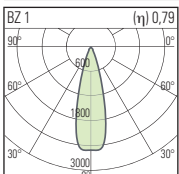
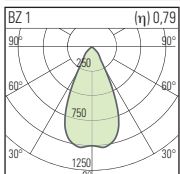
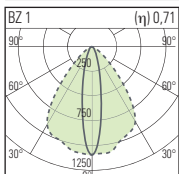
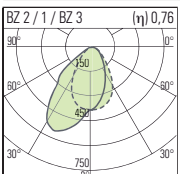
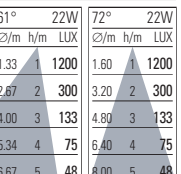
22 W

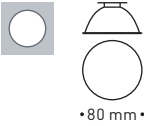
LED
IOS
LL2

2650 lm [WW]

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Ø.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F [Mira]	
	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		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		20° 22W Ø/m h/m LUX 1.61 1 2763 3.23 2 691 4.84 3 307 6.46 4 173 8.07 5 111
				Ø.35Ø59.00 H [Wall Washer]	
			78° 22W Ø/m h/m LUX 0.36 1 2763 0.72 2 691 1.08 3 307 1.43 4 173 1.79 5 111		
			20° 22W Ø/m h/m LUX 1.61 1 2763 3.23 2 691 4.84 3 307 6.46 4 173 8.07 5 111		
			78° 22W Ø/m h/m LUX 0.36 1 2763 0.72 2 691 1.08 3 307 1.43 4 173 1.79 5 111		
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			78° 22W Ø/m h/m LUX 0.36 1 2763 0.72 2 691 1.08 3 307 1.43 4 173 1.79 5 111		
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			78° 22W Ø/m h/m LUX 0.36 1 2763 0.72 2 691 1.08 3 307 1.43 4 173 1.79 5 111		
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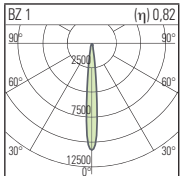
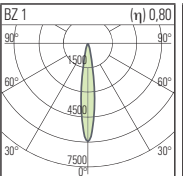
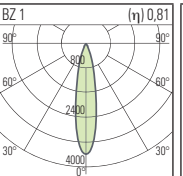
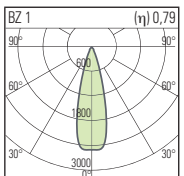
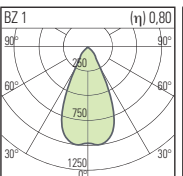
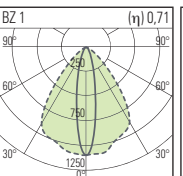
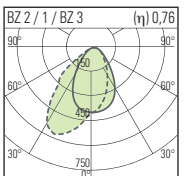
2759 lm [NN]

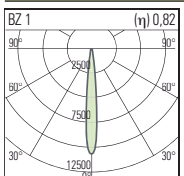
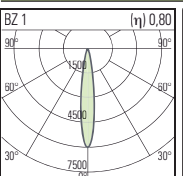
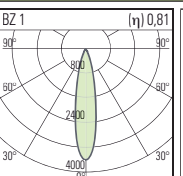
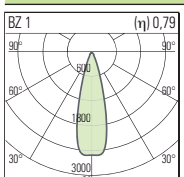
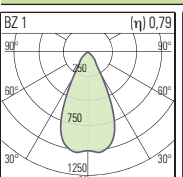
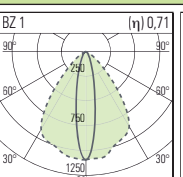
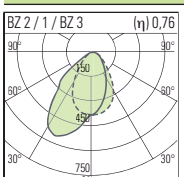
Ø.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C	
	(η) 0.82 11° 22W Ø/m h/m LUX 0.19 1 27608 0.38 2 6902 0.57 3 3068 0.76 4 1725 0.95 5 1104		(η) 0.80 15° 22W Ø/m h/m LUX 0.27 1 15603 0.54 2 3901 0.81 3 1734 1.08 4 975 1.35 5 624		(η) 0.81 21° 22W Ø/m h/m LUX 0.37 1 9396 0.74 2 2349 1.11 3 1044 1.48 4 587 1.86 5 376
Ø.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F (Mira)	
	(η) 0.79 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		(η) 0.79 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		(η) 0.71 78° 22W Ø/m h/m LUX 1.61 1 2876 3.23 2 719 4.84 3 320 6.46 4 180 8.07 5 115
Ø.35Ø59.00 H (Wall Washer)					
	(η) 0.76 61° 22W Ø/m h/m LUX 1.33 1 1200 2.67 2 300 4.00 3 133 5.34 4 75 6.67 5 48		(η) 0.76 72° 22W Ø/m h/m LUX 1.60 1 1200 3.20 2 300 4.80 3 133 6.40 4 75 8.00 5 48		

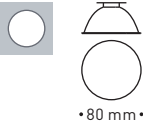


IOS reflectors with Ø 80 mm (LL2) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium 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.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C						
BZ 1 	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	BZ 1 	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	BZ 1 	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.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F [Mira]						
BZ 1 	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	BZ 1 	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	BZ 1 	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.35Ø59.00 H [Wall Washer]										
BZ 2 / 1 / BZ 3 						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.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C							
BZ 1 	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	BZ 1 	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	BZ 1 	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.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F (Mira)				Ø.35Ø59.00 H (Wall Washer)			
BZ 1 	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	BZ 1 	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	BZ 1 	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			BZ 2 / 1 / BZ 3 	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



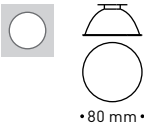
IOS reflectors with Ø 80 mm (LL2) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium 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.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C					
BZ 1	η) 0.82	BZ 1	η) 0.80	BZ 1	η) 0.81				
11° 25W		15° 25W		21° 25W					
Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX					
0.19 1 30789		0.27 1 17402		0.37 1 10479					
0.38 2 7697		0.54 2 4350		0.74 2 2620					
0.57 3 3421		0.81 3 1934		1.11 3 1164					
0.76 4 1924		1.08 4 1088		1.48 4 655					
0.96 5 1232		1.35 5 696		1.88 5 419					
Ø.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F (Mira)				Ø.35Ø59.00 H (Wall Washer)	
BZ 1	η) 0.79	BZ 1	η) 0.79	BZ 1	η) 0.71	78° 25W	20° 25W	BZ 2 / 1 / BZ 3	η) 0.76
29° 25W		51° 25W				Ø/m h/m LUX	Ø/m h/m LUX	61° 25W	72° 25W
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
0.52 1 7289		0.96 1 2906		1.61 1 3208		0.36 1 3208		1.33 1 1338	1.60 1 1338
1.03 2 1822		1.92 2 726		3.23 2 802		0.72 2 802		2.67 2 335	3.20 2 335
1.55 3 810		2.87 3 323		4.84 3 356		1.08 3 356		4.00 3 149	4.80 3 149
2.07 4 456		3.83 4 182		6.46 4 200		1.43 4 200		5.34 4 84	6.40 4 84
2.58 5 292		4.79 5 116		8.07 5 128		1.79 5 128		6.67 5 54	8.00 5 54

3205 lm [NN]									
Ø.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C					
BZ 1	η) 0.82	BZ 1	η) 0.80	BZ 1	η) 0.81				
11° 25W		15° 25W		21° 25W					
Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX					
0.19 1 32411		0.27 1 18319		0.37 1 11031					
0.38 2 8103		0.54 2 4580		0.74 2 2758					
0.57 3 3601		0.81 3 2035		1.11 3 1226					
0.76 4 2026		1.08 4 1145		1.48 4 689					
0.96 5 1296		1.35 5 733		1.88 5 441					
Ø.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F (Mira)				Ø.35Ø59.00 H (Wall Washer)	
BZ 1	η) 0.79	BZ 1	η) 0.79	BZ 1	η) 0.71	78° 25W	20° 25W	BZ 2 / 1 / BZ 3	η) 0.76
29° 25W		51° 25W				Ø/m h/m LUX	Ø/m h/m LUX	61° 25W	72° 25W
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
0.52 1 7674		0.96 1 3059		1.61 1 3377		0.36 1 3377		1.33 1 1409	1.60 1 1409
1.03 2 1918		1.92 2 765		3.23 2 844		0.72 2 844		2.67 2 352	3.20 2 352
1.55 3 853		2.87 3 340		4.84 3 375		1.08 3 375		4.00 3 157	4.80 3 157
2.07 4 480		3.83 4 191		6.46 4 211		1.43 4 211		5.34 4 88	6.40 4 88
2.58 5 307		4.79 5 122		8.07 5 135		1.79 5 135		6.67 5 56	8.00 5 56

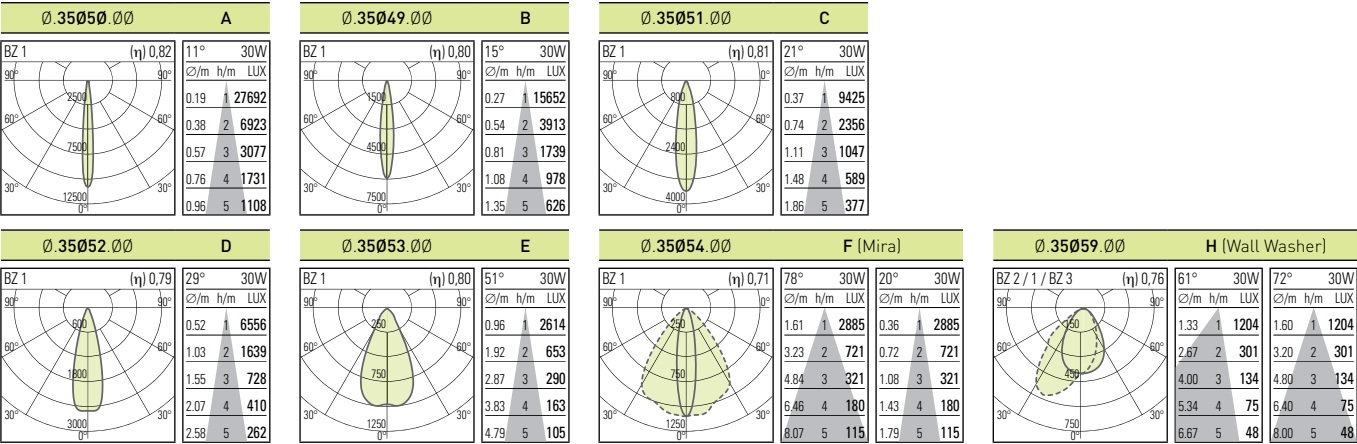


IOS reflectors with Ø 80 mm **(LL2)** made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version. There are also versions with selective filters for lighting foodstuffs.

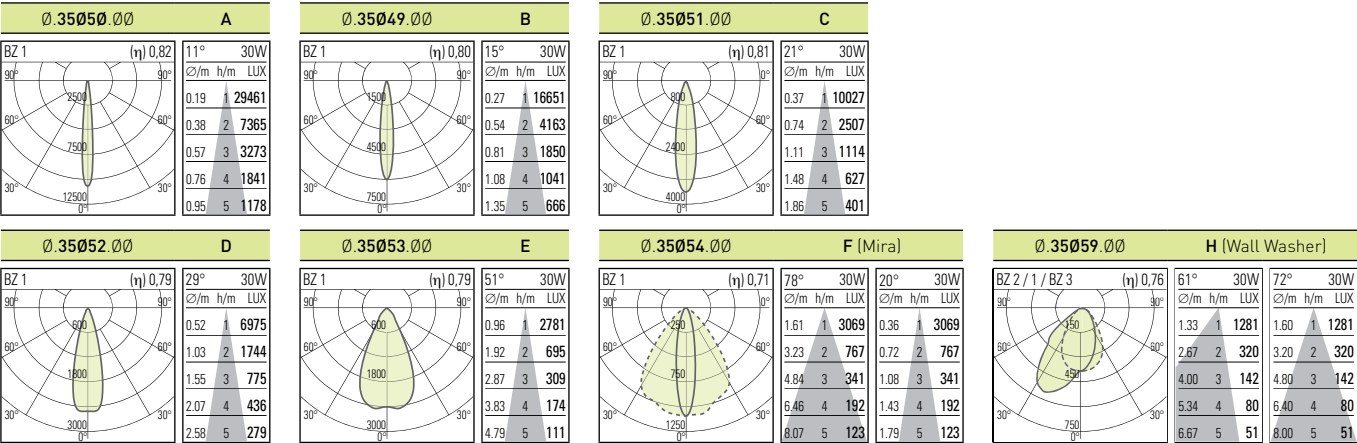
30 W

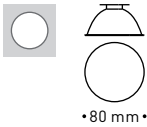
LED
IOS
LL2

2767 lm [HW]



2944 lm [HQ]



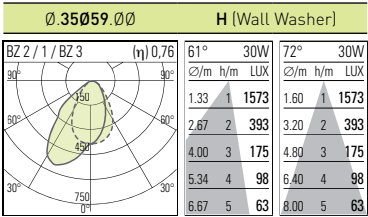
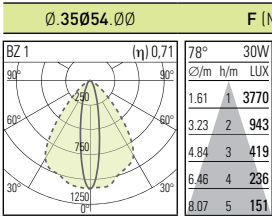
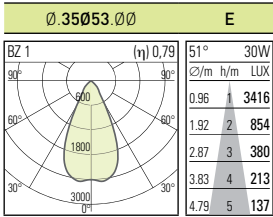
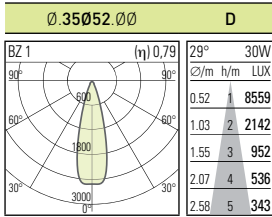
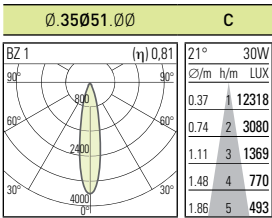
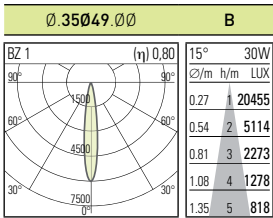
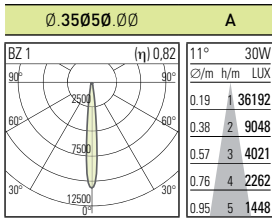


IOS reflectors with Ø 80 mm (LL2) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version. There are also versions with selective filters for lighting foodstuffs.

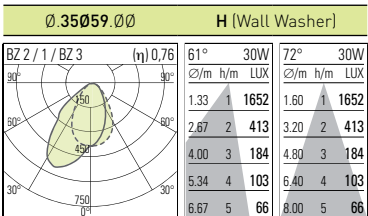
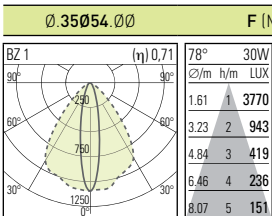
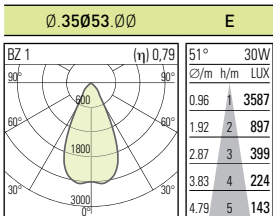
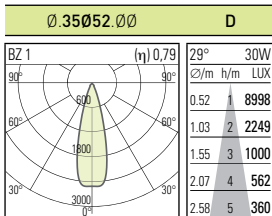
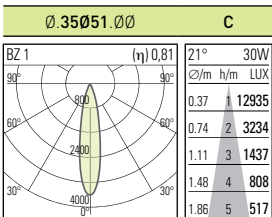
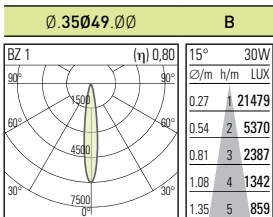
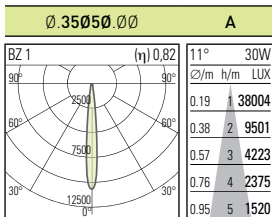
30 W

LED
IOS
LL2

3617 lm [WW]



3798 lm [NN]





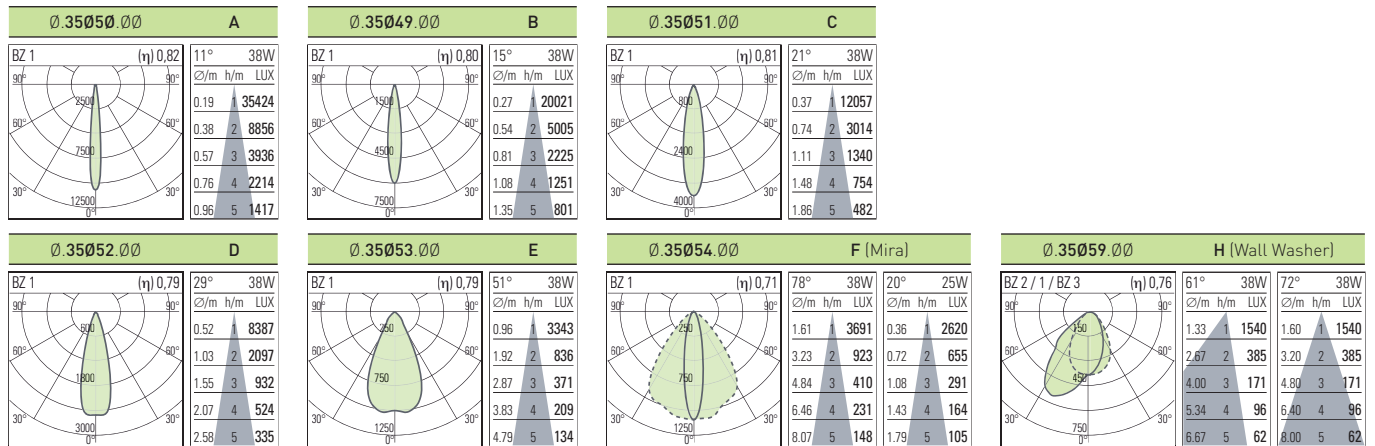
•80 mm•

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.

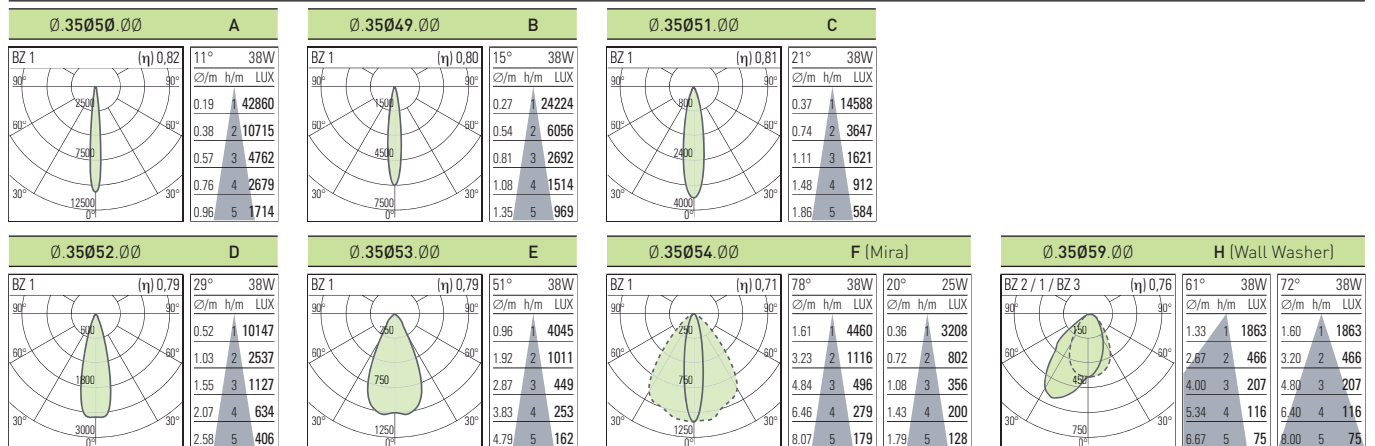
38 W

LED
IOS
LL2

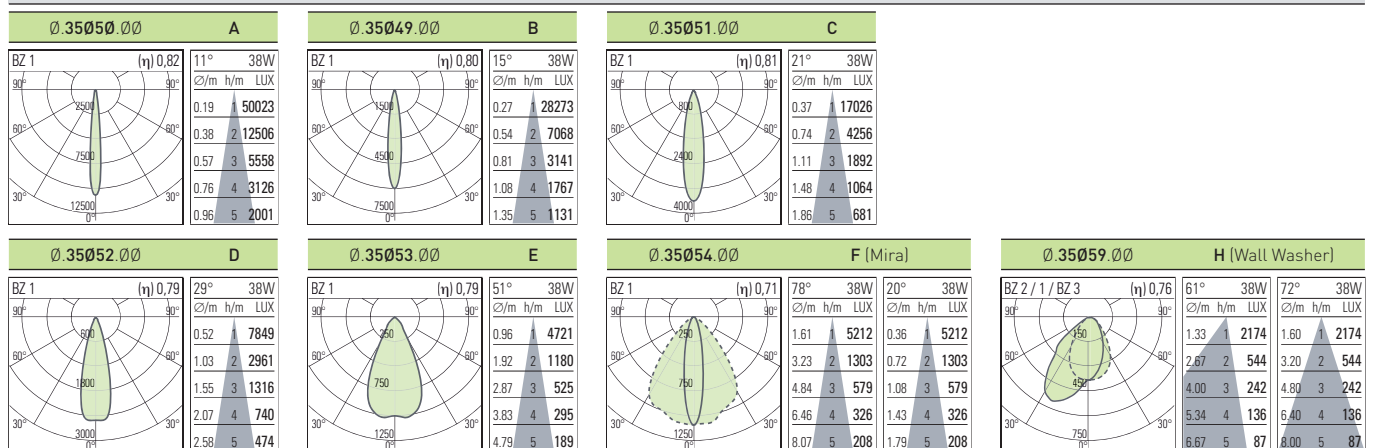
3578 lm [HQ]

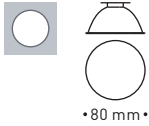


4329 lm [WW]



4480 lm [NN]



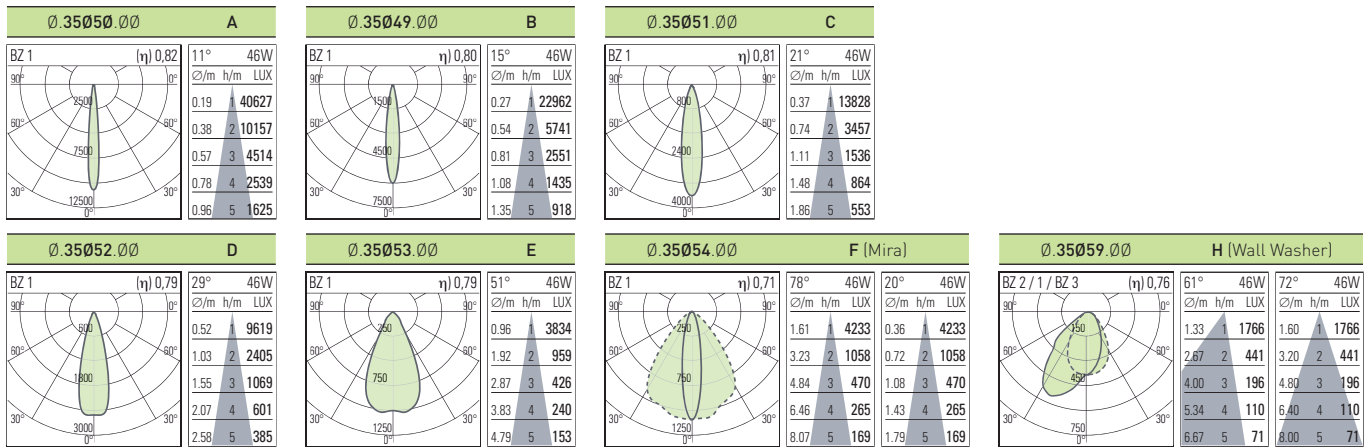


IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version. There are also versions with selective filters for lighting foodstuffs.

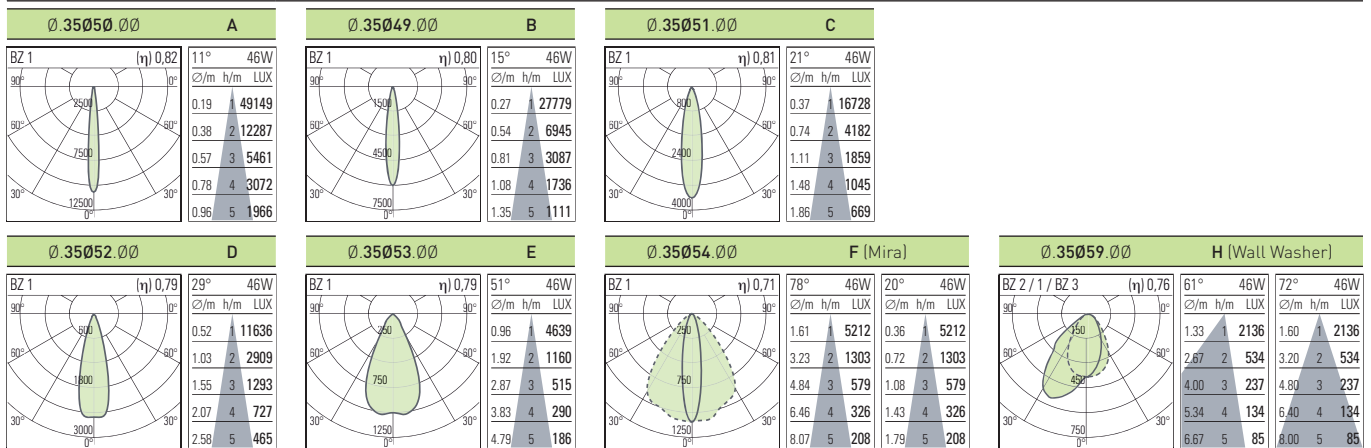
46 W

LED
IOS
LL2

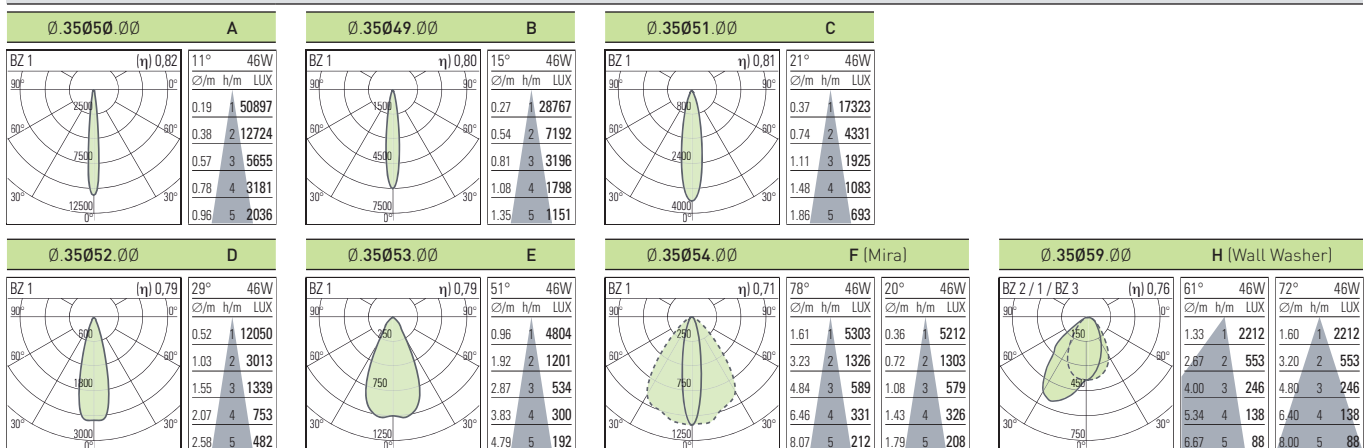
4147 lm [HQ]

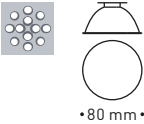


5017 lm [WW]



5196 lm [NN]





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.35Ø50.00 A			Ø.35Ø49.00 B			Ø.35Ø51.00 C																							
	BZ 1	(η) 0,86	13°	8W	Ø/m h/m LUX		BZ 1	(η) 0,87	15°	8W	Ø/m h/m LUX		BZ 1	(η) 0,89	22°	8W	Ø/m h/m LUX												
	90°	0.22	1	5451	90°		0.26	1	4067	90°	0.40		1	2405															
	60°	0.44	2	1363	60°		0.52	2	1017	60°	0.80		2	601															
	30°	0.66	3	606	30°		0.78	3	452	30°	1.19		3	267															
	0°	0.89	4	341	0°		1.03	4	254	0°	1.59		4	150															
		1.11	5	218			1.29	5	163			1.99	5	96															
Ø.35Ø52.00 D			Ø.35Ø53.00 E			Ø.35Ø54.00 F [Mira]			Ø.35Ø59.00 H [Wall Washer]																				
	BZ 1	(η) 0,87	26°	8W	Ø/m h/m LUX		BZ 1	(η) 0,89	38°	8W	Ø/m h/m LUX		BZ 1	(η) 0,78	21°	8W	Ø/m h/m LUX		BZ 2 / 2.5 / BZ 3	(η) 0,88	55°	8W	Ø/m h/m LUX		BZ 2 / 2.5 / BZ 3	(η) 0,88	68°	8W	Ø/m h/m LUX
	90°	0.46	1	2031	90°		0.68	1	1204	90°	0.37		1	865	90°	1.40	1		865	90°	1.13	1	360		90°	1.48	1	360	
	60°	0.92	2	508	60°		1.36	2	301	60°	0.74		2	216	60°	2.81	2		216	60°	2.26	2	90		60°	2.96	2	90	
	30°	1.39	3	226	30°		2.04	3	134	30°	1.11		3	96	30°	4.21	3		96	30°	3.40	3	40		30°	4.44	3	40	
	0°	1.85	4	127	0°		2.72	4	75	0°	1.48		4	54	0°	5.62	4		54	0°	4.53	4	22		0°	5.92	4	22	
		2.31	5	81			3.39	5	48			1.85	5	35			7.02	5	35			5.66	5	14			7.40	5	14

765 lm [HQ]														
Ø.35Ø50.00		A		Ø.35Ø49.00		B		Ø.35Ø51.00		C				
	BZ 1	(η) 0,86	13°	8W		BZ 1	(η) 0,87	15°	8W		BZ 1	(η) 0,89	22°	8W
	Ø/m	h/m	LUX	Ø/m		h/m	LUX	Ø/m	h/m		LUX			
	0.22	1	6522	0.26		1	4865	0.40	1		2877			
	0.44	2	1630	0.52		2	1216	0.80	2		719			
	0.66	3	725	0.78		3	541	1.19	3		320			
0.89	4	408	1.03	4	304	1.59	4	180						
1.11	5	261	1.29	5	195	1.99	5	115						
Ø.35Ø52.00		D		Ø.35Ø53.00		E		Ø.35Ø54.00		F (Mira)				
	BZ 1	(η) 0,88	26°	8W		BZ 1	(η) 0,89	38°	8W		BZ 1	(η) 0,89	21°	8W
	Ø/m	h/m	LUX	Ø/m		h/m	LUX	Ø/m	h/m		LUX			
	0.46	1	2430	0.68		1	1440	0.37	1		1035			
	0.92	2	608	1.36		2	360	0.74	2		259			
	1.39	3	270	2.04		3	160	1.11	3		115			
1.85	4	152	2.72	4	90	1.48	4	65						
2.31	5	97	3.39	5	58	1.85	5	41						
Ø.35Ø59.00		H (Wall Washer)		Ø.35Ø59.00		H (Wall Washer)		Ø.35Ø59.00		H (Wall Washer)				
	BZ 2 / 2.5 / BZ 3	(η) 0,88	74°	8W		BZ 2 / 2.5 / BZ 3	(η) 0,88	74°	8W		BZ 2 / 2.5 / BZ 3	(η) 0,88	74°	8W
	Ø/m	h/m	LUX	Ø/m		h/m	LUX	Ø/m	h/m		LUX			
	1.13	1	429	1.13		1	429	1.13	1		429			
	2.26	2	107	2.26		2	107	2.26	2		107			
	3.40	3	48	3.40		3	48	3.40	3		48			
4.53	4	27	4.53	4	27	4.53	4	27						
5.66	5	17	5.66	5	17	5.66	5	17						



•80 mm•

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

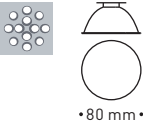
LED
IOS
LL2

880 lm [WW]

Ø.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C		Ø.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
BZ 1	(η) 0.86	BZ 1	(η) 0.87	BZ 1	(η) 0.89	BZ 1	(η) 0.88	BZ 1	(η) 0.89	BZ 1	(η) 0.89	BZ 2 / 2.5 / BZ 3	(η) 0.88
13° 8W		15° 8W		22° 8W		26° 8W		38° 8W		21° 8W		74° 8W	
∅/m h/m LUX		∅/m h/m LUX		∅/m h/m LUX		∅/m h/m LUX		∅/m h/m LUX		∅/m h/m LUX		∅/m h/m LUX	
0.22 1 7501		0.26 1 5596		0.40 1 3309		0.46 1 2795		0.68 1 1656		0.37 1 1191		1.13 1 493	
0.44 2 1875		0.52 2 1399		0.80 2 827		0.92 2 699		1.36 2 414		0.74 2 298		2.26 2 123	
0.66 3 833		0.78 3 622		1.19 3 368		1.39 3 311		2.04 3 184		1.11 3 132		3.40 3 55	
0.89 4 469		1.03 4 350		1.59 4 207		1.85 4 175		2.72 4 104		1.48 4 74		4.53 4 31	
1.11 5 300		1.29 5 224		1.99 5 132		2.31 5 112		3.39 5 66		1.85 5 48		5.66 5 20	

975 lm [NN]

Ø.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C		Ø.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
BZ 1	(η) 0.86	BZ 1	(η) 0.87	BZ 1	(η) 0.89	BZ 1	(η) 0.88	BZ 1	(η) 0.89	BZ 1	(η) 0.89	BZ 2 / 2.5 / BZ 3	(η) 0.88
13° 8W		15° 8W		22° 8W		26° 8W		38° 8W		21° 8W		74° 8W	
∅/m h/m LUX		∅/m h/m LUX		∅/m h/m LUX		∅/m h/m LUX		∅/m h/m LUX		∅/m h/m LUX		∅/m h/m LUX	
0.22 1 8318		0.26 1 6205		0.40 1 3670		0.46 1 3100		0.68 1 1836		0.37 1 1320		1.13 1 547	
0.44 2 2079		0.52 2 1551		0.80 2 917		0.92 2 775		1.36 2 459		0.74 2 330		2.26 2 137	
0.66 3 924		0.78 3 689		1.19 3 408		1.39 3 344		2.04 3 204		1.11 3 147		3.40 3 61	
0.89 4 520		1.03 4 388		1.59 4 229		1.85 4 194		2.72 4 115		1.48 4 83		4.53 4 34	
1.11 5 333		1.29 5 248		1.99 5 147		2.31 5 124		3.39 5 73		1.85 5 53		5.66 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.35Ø50.00 A			Ø.35Ø49.00 B			Ø.35Ø51.00 C					
	BZ 1	(η) 0,79	13° 12W		BZ 1	(η) 0,80	17° 12W		BZ 1	(η) 0,82	26° 12W
	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					
	0.23 1 5405	0.30 1 4106	0.46 1 2449		0.92 2 637	1.37 3 283					
	0.46 2 1351	0.59 2 1027	0.92 2 637		1.83 4 159	2.29 5 102					
	0.69 3 601	0.89 3 456	1.19 4 257		1.49 5 164						
	BZ 1	(η) 0,82	29° 12W		BZ 1	(η) 0,80	45° 12W	Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
	Ø/m h/m LUX	Ø/m h/m LUX	Ø/m h/m LUX		24° 12W	76° 12W	55° 8W	68° 12W			
	0.53 1 2180	0.83 1 1168	0.83 1 1168		0.42 1 917	1.55 1 917	1.13 1 475	1.48 1 475			
	1.05 2 545	1.66 2 292	1.66 2 292		0.84 2 229	3.10 2 229	2.26 2 119	2.96 2 119			
	1.58 3 242	2.48 3 130	2.48 3 130		1.27 3 102	4.65 3 102	3.40 3 53	4.44 3 53			
	BZ 1	(η) 0,82	29° 12W		BZ 1	(η) 0,80	45° 12W	Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
	Ø/m h/m LUX	Ø/m h/m LUX	Ø/m h/m LUX		24° 12W	76° 12W	55° 8W	68° 12W			
	0.53 1 2180	0.83 1 1168	0.83 1 1168		0.42 1 917	1.55 1 917	1.13 1 475	1.48 1 475			
	1.05 2 545	1.66 2 292	1.66 2 292		0.84 2 229	3.10 2 229	2.26 2 119	2.96 2 119			
	1.58 3 242	2.48 3 130	2.48 3 130		1.27 3 102	4.65 3 102	3.40 3 53	4.44 3 53			
	BZ 1	(η) 0,82	29° 12W		BZ 1	(η) 0,80	45° 12W	Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
	Ø/m h/m LUX	Ø/m h/m LUX	Ø/m h/m LUX		24° 12W	76° 12W	55° 8W	68° 12W			
	0.53 1 2180	0.83 1 1168	0.83 1 1168		0.42 1 917	1.55 1 917	1.13 1 475	1.48 1 475			
	1.05 2 545	1.66 2 292	1.66 2 292		0.84 2 229	3.10 2 229	2.26 2 119	2.96 2 119			
	1.58 3 242	2.48 3 130	2.48 3 130		1.27 3 102	4.65 3 102	3.40 3 53	4.44 3 53			
	BZ 1	(η) 0,82	29° 12W		BZ 1	(η) 0,80	45° 12W	Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
	Ø/m h/m LUX	Ø/m h/m LUX	Ø/m h/m LUX		24° 12W	76° 12W	55° 8W	68° 12W			
	0.53 1 2180	0.83 1 1168	0.83 1 1168		0.42 1 917	1.55 1 917	1.13 1 475	1.48 1 475			
	1.05 2 545	1.66 2 292	1.66 2 292		0.84 2 229	3.10 2 229	2.26 2 119	2.96 2 119			
	1.58 3 242	2.48 3 130	2.48 3 130		1.27 3 102	4.65 3 102	3.40 3 53	4.44 3 53			
	BZ 1	(η) 0,82	29° 12W		BZ 1	(η) 0,80	45° 12W	Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
	Ø/m h/m LUX	Ø/m h/m LUX	Ø/m h/m LUX		24° 12W	76° 12W	55° 8W	68° 12W			
	0.53 1 2180	0.83 1 1168	0.83 1 1168		0.42 1 917	1.55 1 917	1.13 1 475	1.48 1 475			
	1.05 2 545	1.66 2 292	1.66 2 292		0.84 2 229	3.10 2 229	2.26 2 119	2.96 2 119			
	1.58 3 242	2.48 3 130	2.48 3 130		1.27 3 102	4.65 3 102	3.40 3 53	4.44 3 53			
	BZ 1	(η) 0,82	29° 12W		BZ 1	(η) 0,80	45° 12W	Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
	Ø/m h/m LUX	Ø/m h/m LUX	Ø/m h/m LUX		24° 12W	76° 12W	55° 8W	68° 12W			
	0.53 1 2180	0.83 1 1168	0.83 1 1168		0.42 1 917	1.55 1 917	1.13 1 475	1.48 1 475			
	1.05 2 545	1.66 2 292	1.66 2 292		0.84 2 229	3.10 2 229	2.26 2 119	2.96 2 119			
	1.58 3 242	2.48 3 130	2.48 3 130		1.27 3 102	4.65 3 102	3.40 3 53	4.44 3 53			
	BZ 1	(η) 0,82	29° 12W		BZ 1	(η) 0,80	45° 12W	Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
	Ø/m h/m LUX	Ø/m h/m LUX	Ø/m h/m LUX		24° 12W	76° 12W	55° 8W	68° 12W			
	0.53 1 2180	0.83 1 1168	0.83 1 1168		0.42 1 917	1.55 1 917	1.13 1 475	1.48 1 475			
	1.05 2 545	1.66 2 292	1.66 2 292		0.84 2 229	3.10 2 229	2.26 2 119	2.96 2 119			
	1.58 3 242	2.48 3 130	2.48 3 130		1.27 3 102	4.65 3 102	3.40 3 53	4.44 3 53			
	BZ 1	(η) 0,82	29° 12W		BZ 1	(η) 0,80	45° 12W	Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
	Ø/m h/m LUX	Ø/m h/m LUX	Ø/m h/m LUX		24° 12W	76° 12W	55° 8W	68° 12W			
	0.53 1 2180	0.83 1 1168	0.83 1 1168		0.42 1 917	1.55 1 917	1.13 1 475	1.48 1 475			
	1.05 2 545	1.66 2 292	1.66 2 292		0.84 2 229	3.10 2 229	2.26 2 119	2.96 2 119			
	1.58 3 242	2.48 3 130	2.48 3 130		1.27 3 102	4.65 3 102	3.40 3 53	4.44 3 53			
	BZ 1	(η) 0,82	29° 12W		BZ 1	(η) 0,80	45° 12W	Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
	Ø/m h/m LUX	Ø/m h/m LUX	Ø/m h/m LUX		24° 12W	76° 12W	55° 8W	68° 12W			
	0.53 1 2180	0.83 1 1168	0.83 1 1168		0.42 1 917	1.55 1 917	1.13 1 475	1.48 1 475			
	1.05 2 545	1.66 2 292	1.66 2 292		0.84 2 229	3.10 2 229	2.26 2 119	2.96 2 119			
	1.58 3 242	2.48 3 130	2.48 3 130		1.27 3 102	4.65 3 102	3.40 3 53	4.44 3 53			
	BZ 1	(η) 0,82	29° 12W		BZ 1	(η) 0,80	45° 12W	Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
	Ø/m h/m LUX	Ø/m h/m LUX	Ø/m h/m LUX		24° 12W	76° 12W	55° 8W	68° 12W			
	0.53 1 2180	0.83 1 1168	0.83 1 1168		0.42 1 917	1.55 1 917	1.13 1 475	1.48 1 475			
	1.05 2 545	1.66 2 292	1.66 2 292		0.84 2 229	3.10 2 229	2.26 2 119	2.96 2 119			
	1.58 3 242	2.48 3 130	2.48 3 130		1.27 3 102	4.65 3 102	3.40 3 53	4.44 3 53			
	BZ 1	(η) 0,82	29° 12W		BZ 1	(η) 0,80	45° 12W	Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
	Ø/m h/m LUX	Ø/m h/m LUX	Ø/m h/m LUX		24° 12W	76° 12W	55° 8W	68° 12W			
	0.53 1 2180	0.83 1 1168	0.83 1 1168		0.42 1 917	1.55 1 917	1.13 1 475	1.48 1 475			
	1.05 2 545	1.66 2 292	1.66 2 292		0.84 2 229	3.10 2 229	2.26 2 119	2.96 2 119			
	1.58 3 242	2.48 3 130	2.48 3 130		1.27 3 102	4.65 3 102	3.40 3 53	4.44 3 53			
	BZ 1	(η) 0,82	29° 12W		BZ 1	(η) 0,80	45° 12W	Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
	Ø/m h/m LUX	Ø/m h/m LUX	Ø/m h/m LUX		24° 12W	76° 12W	55° 8W	68° 12W			
	0.53 1 2180	0.83 1 1168	0.83 1 1168		0.42 1 917	1.55 1 917	1.13 1 475	1.48 1 475			
	1.05 2 545	1.66 2 292	1.66 2 292		0.84 2 229	3.10 2 229	2.26 2 119	2.96 2 119			
	1.58 3 242	2.48 3 130	2.48 3 130		1.27 3 102	4.65 3 102	3.40 3 53	4.44 3 53			
	BZ 1	(η) 0,82	29° 12W		BZ 1	(η) 0,80	45° 12W	Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
	Ø/m h/m LUX	Ø/m h/m LUX	Ø/m h/m LUX		24° 12W	76° 12W	55° 8W	68° 12W			
	0.53 1 2180	0.83 1 1168	0.83 1 1168		0.42 1 917	1.55 1 917	1.13 1 475	1.48 1 475			
	1.05 2 545	1.66 2 292	1.66 2 292		0.84 2 229	3.10 2 229	2.26 2 119	2.96 2 119			
	1.58 3 242	2.48 3 130	2.48 3 130		1.27 3 102	4.65 3 102	3.40 3 53	4.44 3 53			
	BZ 1	(η) 0,82	29° 12W		BZ 1	(η) 0,80	45° 12W	Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
	Ø/m h/m LUX	Ø/m h/m LUX	Ø/m h/m LUX		24° 12W	76° 12W	55° 8W	68° 12W			
	0.53 1 2180	0.83 1 1168	0.83 1 1168		0.42 1 917	1.55 1 917	1.13 1 475	1.48 1 475			
	1.05 2 545	1.66 2 292	1.66 2 292		0.84 2 229	3.10 2 229	2.26 2 119	2.96 2 119			
	1.58 3 242	2.48 3 130	2.48 3 130		1.27 3 102	4.65 3 102	3.40 3 53	4.44 3 53			
	BZ 1	(η) 0,82	29° 12W		BZ 1	(η) 0,80	45° 12W	Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
	Ø/m h/m LUX	Ø/m h/m LUX	Ø/m h/m LUX		24° 12W	76° 12W	55° 8W	68° 12W			
	0.53 1 2180	0.83 1 1168	0.83 1 1168		0.42 1 917	1.55 1 917	1.13 1 475	1.48 1 475			
	1.05 2 545	1.66 2 292	1.66 2 292		0.84 2 229	3.10 2 229	2.26 2 119	2.96 2 119			
	1.58 3 242	2.48 3 130	2.48 3 130		1.27 3 102	4.65 3 102	3.40 3 53	4.44 3 53			
	BZ 1	(η) 0,82	29° 12W		BZ 1	(η) 0,80	45° 12W	Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
	Ø/m h/m LUX	Ø/m h/m LUX	Ø/m h/m LUX		24° 12W	76° 12W	55° 8W	68° 12W			
	0.53 1 2180	0.83 1 1168	0.83 1 1168		0.42 1 917	1.55 1 917	1.13 1 475	1.48 1 475			
	1.05 2 545	1.66 2 292	1.66 2 292		0.84 2 229	3.10 2 229	2.26 2 119	2.96 2 119			
	1.58 3 242	2.48 3 130	2.48 3 130		1.27 3 102	4.65 3 102	3.40 3 53	4.44 3 53			
	BZ 1	(η) 0,82	29° 12W		BZ 1	(η) 0,80	45° 12W	Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
	Ø/m h/m LUX	Ø/m h/m LUX	Ø/m h/m LUX		24° 12W	76° 12W	55° 8W	68° 12W			
	0.53 1 2180	0.83 1 1168	0.83 1 1168		0.42 1 917	1.55 1 917	1.13 1 475	1.48 1 475			
	1.05 2 545	1.66 2 292	1.66 2 292		0.84 2 229	3.10 2 229	2.26 2 119	2.96 2 119			
	1.58 3 242	2.48 3 130	2.48 3 130		1.27 3 102	4.65 3 102	3.40 3 53	4.44 3 53			
	BZ 1	(η) 0,82	29° 12W		BZ 1	(η) 0,80	45° 12W	Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
	Ø/m h/m LUX	Ø/m h/m LUX	Ø/m h/m LUX		24° 12W	76° 12W	55° 8W	68° 12W			
	0.53 1 2180	0.83 1 1168	0.83 1 1168		0.42 1 917	1.55 1 917	1.13 1 475	1.48 1 475			
	1.05 2 545	1.66 2 292	1.66 2 292		0.84 2 229	3.10 2 229	2.26 2 119	2.96 2 119			
	1.58 3 242	2.48 3 130	2.48 3 130		1.27 3 102	4.65 3 102	3.40 3 53	4.44 3 53			
	BZ 1	(η) 0,82	29° 12W		BZ 1	(η) 0,80	45° 12W	Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
	Ø/m h/m LUX	Ø/m h/m LUX	Ø/m h/m LUX		24° 12W	76° 12W	55° 8W	68° 12W			
	0.53 1 2180	0.83 1 1168	0.83 1 1168		0.42 1 917	1.55 1 917	1.13 1 475	1.48 1 475			
	1.05 2 545	1.66 2 292	1.66 2 292		0.84 2 229	3.10 2 229	2.26 2 119	2.96 2 119			
	1.58 3 242	2.48 3 130	2.48 3 130		1.27 3 102	4.65 3 102	3.40 3 53	4.44 3 53			
	BZ 1	(η) 0,82	29° 12W		BZ 1	(η) 0,80	45° 12W	Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
	Ø/m h/m LUX	Ø/m h/m LUX	Ø/m h/m LUX		24° 12W	76° 12W	55° 8W	68° 12W			
	0.53 1 2180	0.83 1 1168	0.83 1 1168		0.42 1 917	1.55 1 917	1.13 1 475	1.48 1 475			
	1.05 2 545	1.66 2 292	1.66 2 292		0.84 2 229	3.10 2 229	2.26 2 119	2.96 2 119			
	1.58 3 242	2.48 3 130	2.48 3 130		1.27 3 102	4.65 3					



•80 mm•

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.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C		Ø.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
BZ 1	(η) 0.79	BZ 1	(η) 0.80	BZ 1	(η) 0.82	BZ 1	(η) 0.82	BZ 1	(η) 0.80	BZ 1	(η) 0.72	BZ 2 / 2.5 / BZ 3	(η) 0.80
13° 12W		17° 12W		26° 12W		29° 12W		45° 12W		24° 12W		55° 12W	
∅/m h/m LUX		∅/m h/m LUX		∅/m h/m LUX		∅/m h/m LUX		∅/m h/m LUX		∅/m h/m LUX		∅/m h/m LUX	
0.23 1 7347		0.30 1 5581		0.46 1 3465		0.53 1 2963		0.83 1 1587		0.42 1 1247		1.13 1 644	
0.46 2 1837		0.59 2 1395		0.92 2 866		1.05 2 741		1.66 2 397		0.84 2 312		2.26 2 161	
0.69 3 816		0.89 3 620		1.37 3 385		1.58 3 329		2.48 3 176		1.27 3 139		3.40 3 72	
0.92 4 459		1.19 4 349		1.83 4 217		2.11 4 185		3.31 4 99		1.69 4 78		4.53 4 40	
1.15 5 294		1.49 5 223		2.29 5 139		2.63 5 119		4.14 5 63		2.11 5 50		5.66 5 26	

1460 lm [NN]

Ø.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C		Ø.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F (Mira)		Ø.35Ø59.00 H (Wall Washer)	
BZ 1	(η) 0.79	BZ 1	(η) 0.80	BZ 1	(η) 0.82	BZ 1	(η) 0.82	BZ 1	(η) 0.80	BZ 1	(η) 0.72	BZ 2 / 2.5 / BZ 3	(η) 0.80
13° 12W		17° 12W		26° 12W		29° 12W		45° 12W		24° 12W		55° 12W	
∅/m h/m LUX		∅/m h/m LUX		∅/m h/m LUX		∅/m h/m LUX		∅/m h/m LUX		∅/m h/m LUX		∅/m h/m LUX	
0.23 1 8126		0.30 1 6173		0.46 1 3833		0.53 1 3277		0.83 1 1755		0.42 1 1379		1.13 1 713	
0.46 2 2032		0.59 2 1543		0.92 2 958		1.05 2 819		1.66 2 439		0.84 2 345		2.26 2 178	
0.69 3 903		0.89 3 686		1.37 3 426		1.58 3 364		2.48 3 195		1.27 3 153		3.40 3 79	
0.92 4 508		1.19 4 386		1.83 4 240		2.11 4 205		3.31 4 110		1.69 4 86		4.53 4 45	
1.15 5 325		1.49 5 247		2.29 5 153		2.63 5 131		4.14 5 70		2.11 5 55		5.66 5 29	



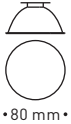
•80 mm•

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.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C					
BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,82	16° 15W Ø/m h/m LUX 0.29 1 5210 0.57 2 1303 0.86 3 579 1.15 4 326 1.43 5 208	BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,82	18° 15W Ø/m h/m LUX 0.32 1 4550 0.65 2 1137 0.97 3 506 1.30 4 284 1.62 5 182	BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,83	28° 15W Ø/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.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F [Mira]		Ø.35Ø59.00 H [Wall Washer]			
BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,83	32° 15W Ø/m h/m LUX 0.57 1 2368 1.15 2 592 1.72 3 263 2.30 4 148 2.87 5 95	BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,84	46° 15W Ø/m h/m LUX 0.86 1 1440 1.72 2 360 2.57 3 160 3.43 4 90 4.29 5 58	BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,72	21° 15W Ø/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 Ø/m h/m LUX 1.47 1 1272 2.94 2 318 4.41 3 141 5.88 4 80 7.35 5 51	BZ 2 / 1.5 / BZ 3 90° 60° 30° 0° 30° 60° 90° (η) 0,88	57° 15W Ø/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 Ø/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.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C					
BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,82	16° 15W Ø/m h/m LUX 0.29 1 6144 0.57 2 1536 0.86 3 683 1.15 4 384 1.43 5 246	BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,82	18° 15W Ø/m h/m LUX 0.32 1 5365 0.65 2 1341 0.97 3 596 1.30 4 335 1.62 5 215	BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,83	28° 15W Ø/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.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F [Mira]		Ø.35Ø59.00 H [Wall Washer]			
BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,83	32° 15W Ø/m h/m LUX 0.57 1 2792 1.15 2 698 1.72 3 310 2.30 4 175 2.87 5 112	BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,84	46° 15W Ø/m h/m LUX 0.86 1 1698 1.72 2 425 2.57 3 189 3.43 4 106 4.29 5 68	BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,72	21° 15W Ø/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 Ø/m h/m LUX 1.47 1 1501 2.94 2 375 4.41 3 167 5.88 4 94 7.35 5 60	BZ 2 / 1.5 / BZ 3 90° 60° 30° 0° 30° 60° 90° (η) 0,80	57° 15W Ø/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 Ø/m h/m LUX 1.44 1 732 2.88 2 183 4.32 3 81 5.76 4 46 7.20 5 29



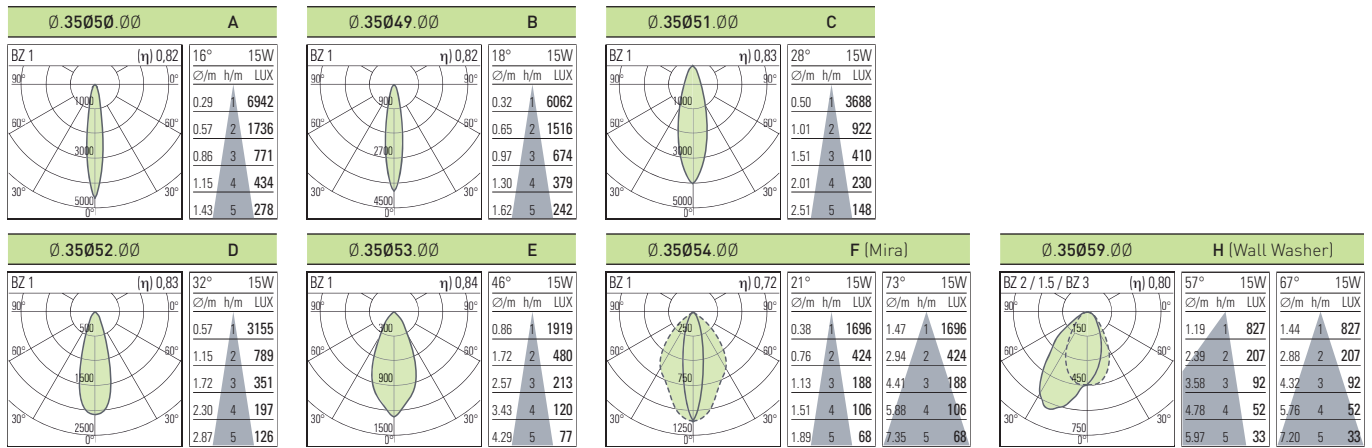
•80 mm•

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.

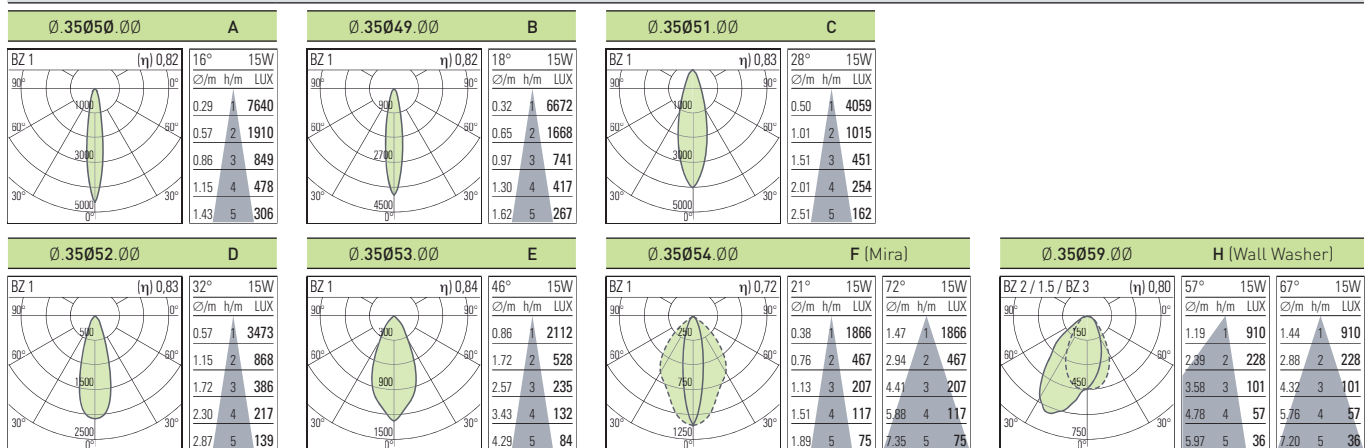
15 W

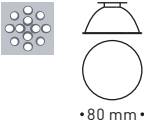
LED
IOS
LL2

1740 lm [WW]



1915 lm [NN]





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.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C					
BZ 1 (η) 0,86		BZ 1 (η) 0,87		BZ 1 (η) 0,89					
13° 16W		15° 16W		22° 16W					
Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX					
0.22 1 9025		0.26 1 6733		0.40 1 3982					
0.44 2 2256		0.52 2 1683		0.80 2 995					
0.66 3 1003		0.78 3 748		1.19 3 442					
0.89 4 564		1.03 4 421		1.59 4 249					
1.11 5 361		1.29 5 269		1.99 5 159					
Ø.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F [Mira]		Ø.35Ø59.00 H (Wall Washer)			
BZ 1 (η) 0,88		BZ 1 (η) 0,89		BZ 1 (η) 0,78		BZ 2 / 2.5 / BZ 3 (η) 0,88			
26° 16W		38° 16W		21° 16W		55° 16W			
Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX			
0.46 1 3363		0.68 1 1993		0.37 1 1432		1.13 1 595			
0.92 2 841		1.36 2 498		0.74 2 358		2.26 2 149			
1.39 3 374		2.04 3 221		1.11 3 159		3.40 3 66			
1.85 4 210		2.72 4 125		1.48 4 90		4.53 4 37			
2.31 5 135		3.39 5 80		1.85 5 57		5.66 5 24			
Ø.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C					
BZ 1 (η) 0,82		BZ 1 (η) 0,87		BZ 1 (η) 0,89					
13° 16W		15° 16W		22° 16W					
Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX					
0.22 1 11338		0.26 1 8458		0.40 1 5002					
0.44 2 2835		0.52 2 2115		0.80 2 1251					
0.66 3 1260		0.78 3 940		1.19 3 556					
0.89 4 709		1.03 4 529		1.59 4 313					
1.11 5 454		1.29 5 338		1.99 5 200					
Ø.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F [Mira]		Ø.35Ø59.00 H (Wall Washer)			
BZ 1 (η) 0,88		BZ 1 (η) 0,89		BZ 1 (η) 0,78		BZ 2 / 2.5 / BZ 3 (η) 0,88			
26° 16W		38° 16W		21° 16W		55° 16W			
Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX			
0.46 1 4225		0.68 1 2503		0.37 1 1799		1.13 1 746			
0.92 2 1056		1.36 2 626		0.74 2 450		2.26 2 186			
1.39 3 469		2.04 3 278		1.11 3 200		3.40 3 83			
1.85 4 264		2.72 4 156		1.48 4 112		4.53 4 47			
2.31 5 169		3.39 5 100		1.85 5 72		5.66 5 30			
Ø.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C					
BZ 1 (η) 0,82		BZ 1 (η) 0,87		BZ 1 (η) 0,89					
13° 16W		15° 16W		22° 16W					
Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX					
0.22 1 11338		0.26 1 8458		0.40 1 5002					
0.44 2 2835		0.52 2 2115		0.80 2 1251					
0.66 3 1260		0.78 3 940		1.19 3 556					
0.89 4 709		1.03 4 529		1.59 4 313					
1.11 5 454		1.29 5 338		1.99 5 200					
Ø.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F [Mira]		Ø.35Ø59.00 H (Wall Washer)			
BZ 1 (η) 0,88		BZ 1 (η) 0,89		BZ 1 (η) 0,78		BZ 2 / 2.5 / BZ 3 (η) 0,88			
26° 16W		38° 16W		21° 16W		55° 16W			
Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX			
0.46 1 4225		0.68 1 2503		0.37 1 1799		1.13 1 746			
0.92 2 1056		1.36 2 626		0.74 2 450		2.26 2 186			
1.39 3 469		2.04 3 278		1.11 3 200		3.40 3 83			
1.85 4 264		2.72 4 156		1.48 4 112		4.53 4 47			
2.31 5 169		3.39 5 100		1.85 5 72		5.66 5 30			
Ø.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C					
BZ 1 (η) 0,82		BZ 1 (η) 0,87		BZ 1 (η) 0,89					
13° 16W		15° 16W		22° 16W					
Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX					
0.22 1 11338		0.26 1 8458		0.40 1 5002					
0.44 2 2835		0.52 2 2115		0.80 2 1251					
0.66 3 1260		0.78 3 940		1.19 3 556					
0.89 4 709		1.03 4 529		1.59 4 313					
1.11 5 454		1.29 5 338		1.99 5 200					
Ø.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F [Mira]		Ø.35Ø59.00 H (Wall Washer)			
BZ 1 (η) 0,88		BZ 1 (η) 0,89		BZ 1 (η) 0,78		BZ 2 / 2.5 / BZ 3 (η) 0,88			
26° 16W		38° 16W		21° 16W		55° 16W			
Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX			
0.46 1 4225		0.68 1 2503		0.37 1 1799		1.13 1 746			
0.92 2 1056		1.36 2 626		0.74 2 450		2.26 2 186			
1.39 3 469		2.04 3 278		1.11 3 200		3.40 3 83			
1.85 4 264		2.72 4 156		1.48 4 112		4.53 4 47			
2.31 5 169		3.39 5 100		1.85 5 72		5.66 5 30			
Ø.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C					
BZ 1 (η) 0,82		BZ 1 (η) 0,87		BZ 1 (η) 0,89					
13° 16W		15° 16W		22° 16W					
Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX					
0.22 1 11338		0.26 1 8458		0.40 1 5002					
0.44 2 2835		0.52 2 2115		0.80 2 1251					
0.66 3 1260		0.78 3 940		1.19 3 556					
0.89 4 709		1.03 4 529		1.59 4 313					
1.11 5 454		1.29 5 338		1.99 5 200					
Ø.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F [Mira]		Ø.35Ø59.00 H (Wall Washer)			
BZ 1 (η) 0,88		BZ 1 (η) 0,89		BZ 1 (η) 0,78		BZ 2 / 2.5 / BZ 3 (η) 0,88			
26° 16W		38° 16W		21° 16W		55° 16W			
Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX			
0.46 1 4225		0.68 1 2503		0.37 1 1799		1.13 1 746			
0.92 2 1056		1.36 2 626		0.74 2 450		2.26 2 186			
1.39 3 469		2.04 3 278		1.11 3 200		3.40 3 83			
1.85 4 264		2.72 4 156		1.48 4 112		4.53 4 47			
2.31 5 169		3.39 5 100		1.85 5 72		5.66 5 30			
Ø.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C					
BZ 1 (η) 0,82		BZ 1 (η) 0,87		BZ 1 (η) 0,89					
13° 16W		15° 16W		22° 16W					
Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX					
0.22 1 11338		0.26 1 8458		0.40 1 5002					
0.44 2 2835		0.52 2 2115		0.80 2 1251					
0.66 3 1260		0.78 3 940		1.19 3 556					
0.89 4 709		1.03 4 529		1.59 4 313					
1.11 5 454		1.29 5 338		1.99 5 200					
Ø.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F [Mira]		Ø.35Ø59.00 H (Wall Washer)			
BZ 1 (η) 0,88		BZ 1 (η) 0,89		BZ 1 (η) 0,78		BZ 2 / 2.5 / BZ 3 (η) 0,88			
26° 16W		38° 16W		21° 16W		55° 16W			
Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX			
0.46 1 4225		0.68 1 2503		0.37 1 1799		1.13 1 746			
0.92 2 1056		1.36 2 626		0.74 2 450		2.26 2 186			
1.39 3 469		2.04 3 278		1.11 3 200		3.40 3 83			
1.85 4 264		2.72 4 156		1.48 4 112		4.53 4 47			
2.31 5 169		3.39 5 100		1.85 5 72		5.66 5 30			
Ø.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C					
BZ 1 (η) 0,82		BZ 1 (η) 0,87		BZ 1 (η) 0,89					
13° 16W		15° 16W		22° 16W					
Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX					
0.22 1 11338		0.26 1 8458		0.40 1 5002					
0.44 2 2835		0.52 2 2115		0.80 2 1251					
0.66 3 1260		0.78 3 940		1.19 3 556					
0.89 4 709		1.03 4 529		1.59 4 313					
1.11 5 454		1.29 5 338		1.99 5 200					
Ø.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F [Mira]		Ø.35Ø59.00 H (Wall Washer)			
BZ 1 (η) 0,88		BZ 1 (η) 0,89		BZ 1 (η) 0,78		BZ 2 / 2.5 / BZ 3 (η) 0,88			
26° 16W		38° 16W		21° 16W		55° 16W			
Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX			
0.46 1 4225		0.68 1 2503		0.37 1 1799		1.13 1 746			
0.92 2 1056		1.36 2 626		0.74 2 450		2.26 2 186			
1.39 3 469		2.04 3 278		1.11 3 200		3.40 3 83			
1.85 4 264		2.72 4 156		1.48 4 112		4.53 4 47			
2.31 5 169		3.39 5 100		1					



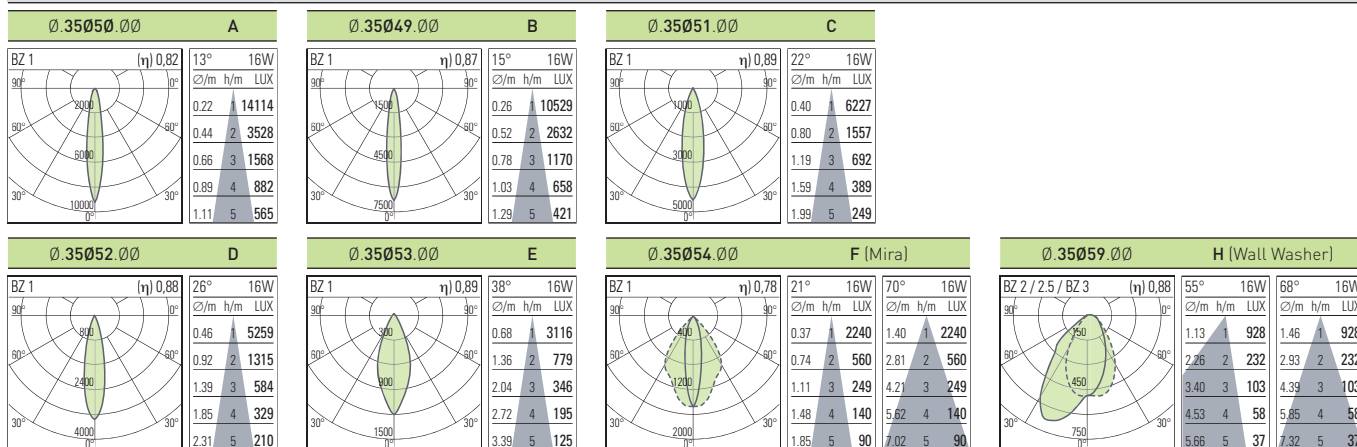
•80 mm•

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.

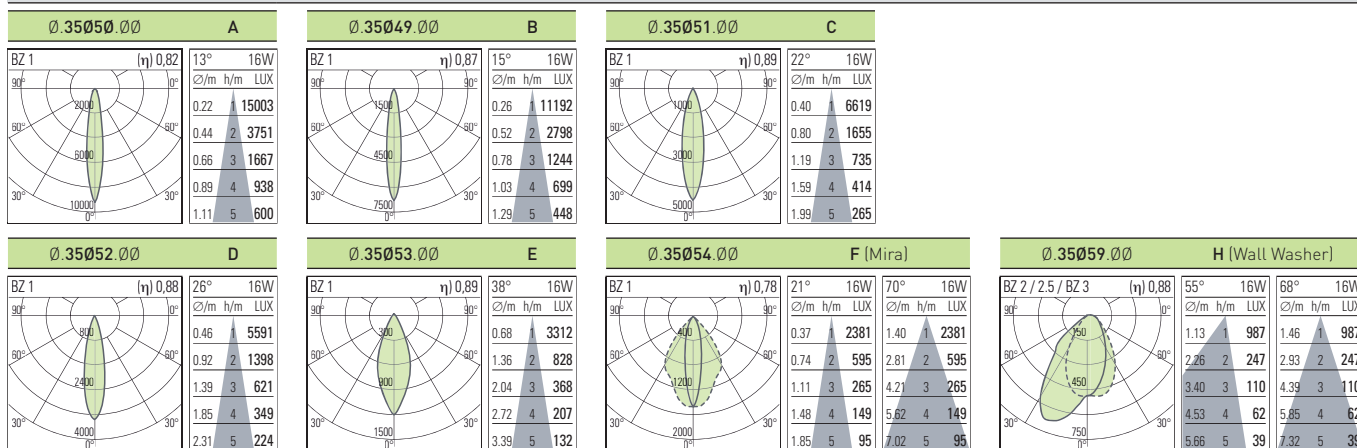
16 W

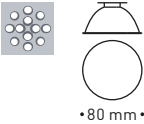
LED
IOS
LL2

1655 lm [WW]



1760 lm [NN]





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.35Ø50.00		A		Ø.35Ø49.00		B		Ø.35Ø51.00		C																			
	BZ 1	(η) 0,79	13°	24W		BZ 1	(η) 0,80	17°	24W		BZ 1	(η) 0,82	26°	24W															
	90°	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	Ø/m h/m LUX																					
	0.23	1	9110	0.30		1	6920	0.46	1		4297																		
	0.46	2	2277	0.59		2	1730	0.92	2		1074																		
	0.69	3	1012	0.89		3	769	1.37	3		477																		
	0.92	4	569	1.19		4	433	1.83	4		269																		
		1.15	5	364			1.49	5	277			2.29	5	172															
Ø.35Ø52.00		D		Ø.35Ø53.00		E		Ø.35Ø54.00		F [Mira]		Ø.35Ø59.00		H [Wall Washer]															
	BZ 1	(η) 0,82	29°	24W		BZ 1	(η) 0,80	45°	24W		BZ 1	(η) 0,72	24°	24W		BZ 2 / 2.5 / BZ 3	(η) 0,88	55°	24W		BZ 2 / 2.5 / BZ 3	(η) 0,88	68°	24W					
	90°	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	Ø/m h/m LUX	Ø/m h/m LUX		Ø/m h/m LUX	Ø/m h/m LUX																	
	0.53	1	3673	0.83		1	1968	0.42	1		1546	1.55	1	1546		1.13	1	801	1.48		1	801							
	1.05	2	918	1.66		2	492	0.84	2		386	3.10	2	386		2.26	2	200	2.96		2	200							
	1.58	3	408	2.48		3	219	1.27	3		172	4.65	3	172		3.40	3	89	4.44		3	89							
	2.11	4	230	3.31		4	123	1.69	4		97	6.20	4	97		4.53	4	50	5.92		4	50							
		2.63	5	147			4.14	5	79			2.11	5	62			7.75	5	62			5.66	5	32			7.40	5	32

2030 lm [HQ]									
Ø 35Ø50.00 A		Ø 35Ø49.00 B		Ø 35Ø51.00 C					
	BZ 1		BZ 1		BZ 1	26° 24W			
	(η) 0,79		(η) 0,80		Ø/m h/m LUX				
	0.23 1 11299		0.30 1 8583		0.46 1	5329			
	0.46 2 2825		0.59 2 2146		0.92 2	1332			
	0.69 3 1255		0.89 3 954		1.37 3	592			
	0.92 4 706		1.19 4 536		1.83 4	333			
						2.29 5	213		
Ø 35Ø52.00 D		Ø 35Ø53.00 E		Ø 35Ø54.00 F (Mira)		Ø 35Ø59.00 H (Wall Washer)			
	BZ 1		BZ 1		BZ 1	24° 24W		76° 24W	
	(η) 0,82		(η) 0,80		Ø/m h/m LUX		Ø/m h/m LUX		
	0.53 1 4556		0.83 1 2441		0.42 1	1917	1.55 1	1917	
	1.05 2 1139		1.66 2 610		0.84 2	479	3.10 2	479	
	1.58 3 506		2.48 3 271		1.27 3	213	4.65 3	213	
	2.11 4 285		3.31 4 153		1.69 4	120	6.20 4	120	
						2.11 5	77	7.75 5	77
	BZ 1		BZ 1		BZ 1	55° 24W		68° 24W	
	(η) 0,82		(η) 0,80		Ø/m h/m LUX		Ø/m h/m LUX		
	0.53 1 11299		0.83 1 8583		1.13 1	991	1.46 1	991	
	0.46 2 2825		0.59 2 1730		2.26 2	248	2.93 2	248	
	0.69 3 1255		0.89 3 769		3.40 3	110	4.39 3	110	
	0.92 4 706		1.19 4 433		4.53 4	62	5.85 4	62	
						5.66 5	40	7.32 5	40



•80 mm•

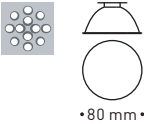
IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium 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.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C					
BZ 1	η) 0.79	BZ 1	η) 0.80	BZ 1	η) 0.82				
13° 24W		17° 24W		26° 24W					
0.23 1 13748		0.30 1 10444		0.46 1 6484					
0.46 2 3437		0.59 2 2611		0.92 2 1621					
0.69 3 1528		0.89 3 1160		1.37 3 720					
0.92 4 859		1.19 4 653		1.83 4 405					
1.15 5 550		1.49 5 418		2.29 5 259					
Ø.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F [Mira]				Ø.35Ø59.00 H (Wall Washer)	
BZ 1	η) 0.82	BZ 1	η) 0.80	BZ 1	η) 0.72			BZ 2 / 2.5 / BZ 3	η) 0.80
29° 24W		45° 24W		24° 24W		76° 24W		55° 24W	68° 24W
0.53 1 5544		0.83 1 2970		0.42 1 2333		1.55 1 2333		1.13 1 1206	1.46 1 1206
1.05 2 1386		1.66 2 742		0.84 2 583		3.10 2 583		2.26 2 301	2.93 2 301
1.58 3 616		2.48 3 330		1.27 3 259		4.65 3 259		3.40 3 134	4.39 3 134
2.11 4 346		3.31 4 186		1.69 4 146		6.20 4 146		4.53 4 75	5.85 4 75
2.63 5 222		4.14 5 119		2.11 5 93		7.75 5 93		5.66 5 48	7.32 5 48

2565 lm [NN]									
Ø.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C					
BZ 1	η) 0.79	BZ 1	η) 0.80	BZ 1	η) 0.82				
13° 24W		17° 24W		26° 24W					
0.23 1 14280		0.30 1 10848		0.46 1 6735					
0.46 2 3570		0.59 2 2712		0.92 2 1684					
0.69 3 1587		0.89 3 1205		1.37 3 748					
0.92 4 893		1.19 4 678		1.83 4 421					
1.15 5 571		1.49 5 434		2.29 5 269					
Ø.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F [Mira]				Ø.35Ø59.00 H (Wall Washer)	
BZ 1	η) 0.82	BZ 1	η) 0.80	BZ 1	η) 0.72			BZ 2 / 2.5 / BZ 3	η) 0.80
29° 24W		45° 24W		24° 24W		76° 24W		55° 24W	68° 24W
0.53 1 5758		0.83 1 3085		0.42 1 2423		1.55 1 2433		1.13 1 1252	1.46 1 1252
1.05 2 1440		1.66 2 771		0.84 2 606		3.10 2 606		2.26 2 313	2.93 2 313
1.58 3 640		2.48 3 343		1.27 3 269		4.65 3 269		3.40 3 139	4.39 3 139
2.11 4 360		3.31 4 193		1.69 4 151		6.20 4 151		4.53 4 78	5.85 4 78
2.63 5 230		4.14 5 123		2.11 5 97		7.75 5 97		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.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C						
BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,82	16° 32W Ø/m h/m LUX 0.29 1 8507 0.57 2 2127 0.86 3 945 1.15 4 532 1.43 5 340	BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,82	18° 32W Ø/m h/m LUX 0.32 1 7428 0.65 2 1857 0.97 3 825 1.30 4 464 1.62 5 297	BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,83	28° 32W Ø/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.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F [Mira]		Ø.35Ø59.00 H [Wall Washer]				
BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,83	32° 32W Ø/m h/m LUX 0.57 1 3866 1.15 2 967 1.72 3 430 2.30 4 242 2.87 5 155	BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,84	46° 32W Ø/m h/m LUX 0.86 1 2351 1.72 2 588 2.57 3 261 3.43 4 147 4.29 5 94	BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,72	21° 32W Ø/m h/m LUX 0.38 1 2078 0.76 2 519 1.13 3 231 1.51 4 130 1.89 5 83	73° 32W Ø/m h/m LUX 1.47 1 2078 2.94 2 519 4.41 3 231 5.88 4 130 7.35 5 83	BZ 2 / 1.5 / BZ 3 90° 60° 30° 0° 30° 60° 90° (η) 0,88		57° 32W Ø/m h/m LUX 1.19 1 1013 2.39 2 253 3.58 3 113 4.78 4 63 5.97 5 41	67° 32W Ø/m h/m LUX 1.45 1 1013 2.90 2 253 4.34 3 113 5.79 4 63 7.24 5 41

2665 lm [HQ]										
Ø.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C						
BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,82	16° 32W Ø/m h/m LUX 0.29 1 10633 0.57 2 2658 0.86 3 1181 1.15 4 665 1.43 5 425	BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,82	18° 32W Ø/m h/m LUX 0.32 1 9285 0.65 2 2321 0.97 3 1032 1.30 4 580 1.62 5 371	BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,83	28° 32W Ø/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.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F [Mira]		Ø.35Ø59.00 H [Wall Washer]				
BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,83	32° 32W Ø/m h/m LUX 0.57 1 4833 1.15 2 1208 1.72 3 537 2.30 4 302 2.87 5 193	BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,84	46° 32W Ø/m h/m LUX 0.86 1 2939 1.72 2 735 2.57 3 327 3.43 4 184 4.29 5 118	BZ 1 90° 60° 30° 0° 30° 60° 90° (η) 0,72	21° 32W Ø/m h/m LUX 0.38 1 2597 0.76 2 649 1.13 3 289 1.51 4 162 1.89 5 104	73° 32W Ø/m h/m LUX 1.47 1 2597 2.94 2 649 4.41 3 289 5.88 4 162 7.35 5 104	BZ 2 / 1.5 / BZ 3 90° 60° 30° 0° 30° 60° 90° (η) 0,80		57° 32W Ø/m h/m LUX 1.19 1 1267 2.39 2 317 3.58 3 141 4.78 4 79 5.97 5 51	67° 32W Ø/m h/m LUX 1.44 1 1267 2.88 2 317 4.32 3 141 5.76 4 79 7.20 5 51



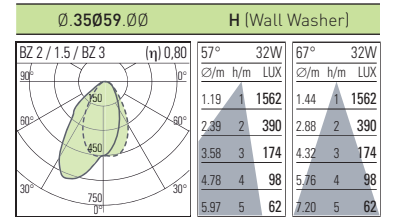
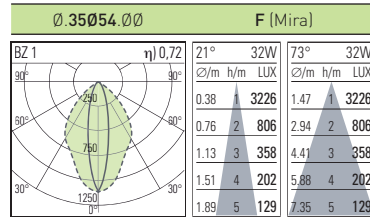
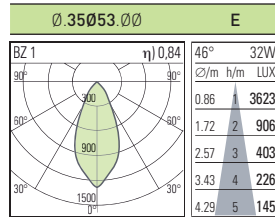
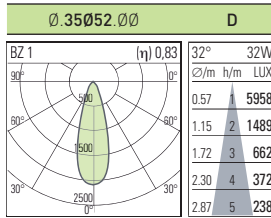
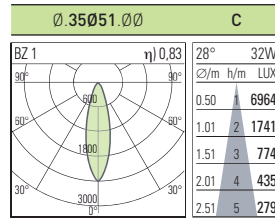
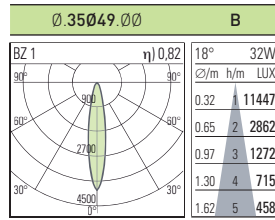
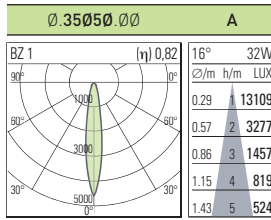
•80 mm•

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.

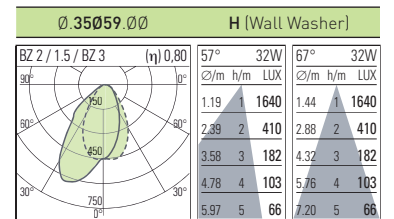
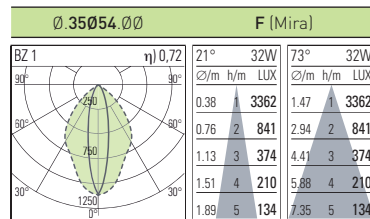
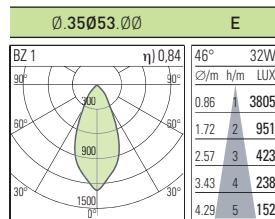
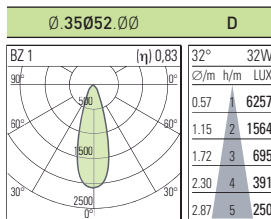
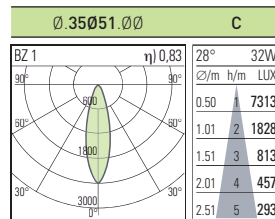
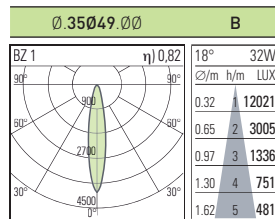
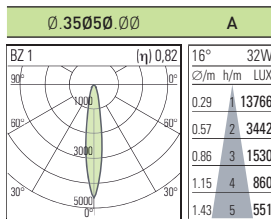
32 W

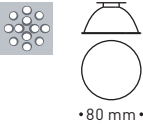
LED
IOS
LL2

3285 lm [WW]



3450 lm [NN]





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.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C					
BZ 1	(η) 0,86	BZ 1	(η) 0,87	BZ 1	(η) 0,82	33°	42W		
22°	42W	22°	42W	33°	42W	∅/m	h/m	LUX	
0.38	1 13270	0.39	1 12555	0.59	1 7224	1.18	2 1806		
0.77	2 3317	0.79	2 3139	1.18	2 1806	1.76	3 803		
1.15	3 1474	1.18	3 1395	1.76	3 803	2.35	4 451		
1.54	4 829	1.58	4 785	2.35	4 451	2.94	5 289		
1.92	5 531	1.97	5 502	2.94	5 289				
Ø.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F (Mira)				Ø.35Ø59.00 H (Wall Washer)	
BZ 1	(η) 0,85	BZ 1	(η) 0,80	BZ 1	(η) 0,73	77°	42W	BZ 1	(η) 0,69
38°	42W	55°	42W	27°	42W	77°	42W	70°	42W
∅/m	h/m	∅/m	h/m	∅/m	h/m	∅/m	h/m	∅/m	h/m
0.69	1 5835	1.05	1 3273	0.48	1 3418	1.59	1 3418	1.47	1 2033
1.39	2 1459	2.09	2 818	0.97	2 855	3.18	2 855	2.95	2 508
2.08	3 648	3.14	3 364	1.45	3 380	4.77	3 380	4.42	3 226
2.77	4 365	4.18	4 205	1.94	4 214	6.36	4 214	5.89	4 127
3.47	5 233	5.23	5 131	2.42	5 137	7.95	5 137	7.37	5 81

4000 lm [HQ]									
Ø.35Ø50.00 A		Ø.35Ø49.00 B		Ø.35Ø51.00 C					
BZ 1	(η) 0,82	BZ 1	(η) 0,87	BZ 1	(η) 0,82	33°	42W		
22°	42W	22°	42W	33°	42W	∅/m	h/m	LUX	
0.38	1 13699	0.39	1 12961	0.59	1 7457	1.18	2 1864		
0.77	2 3425	0.79	2 3240	1.18	2 1864	1.76	3 829		
1.15	3 1522	1.18	3 1440	1.76	3 829	2.35	4 466		
1.54	4 856	1.58	4 810	2.35	4 466	2.94	5 298		
1.92	5 548	1.97	5 518	2.94	5 298				
Ø.35Ø52.00 D		Ø.35Ø53.00 E		Ø.35Ø54.00 F (Mira)				Ø.35Ø59.00 H (Wall Washer)	
BZ 1	(η) 0,85	BZ 1	(η) 0,80	BZ 1	(η) 0,73	42°	42W	BZ 1	(η) 0,69
38°	42W	55°	42W	27°	42W	77°	42W	70°	42W
∅/m	h/m	∅/m	h/m	∅/m	h/m	∅/m	h/m	∅/m	h/m
0.69	1 6023	1.05	1 3379	0.77	1 3526	1.59	1 3526	1.47	1 2098
1.39	2 1506	2.09	2 845	1.55	2 881	3.18	2 881	2.95	2 525
2.08	3 669	3.14	3 375	2.32	3 392	4.77	3 392	4.42	3 233
2.77	4 376	4.18	4 211	3.09	4 220	6.36	4 220	5.89	4 131
3.47	5 241	5.23	5 135	3.87	5 141	7.95	5 141	7.37	5 84



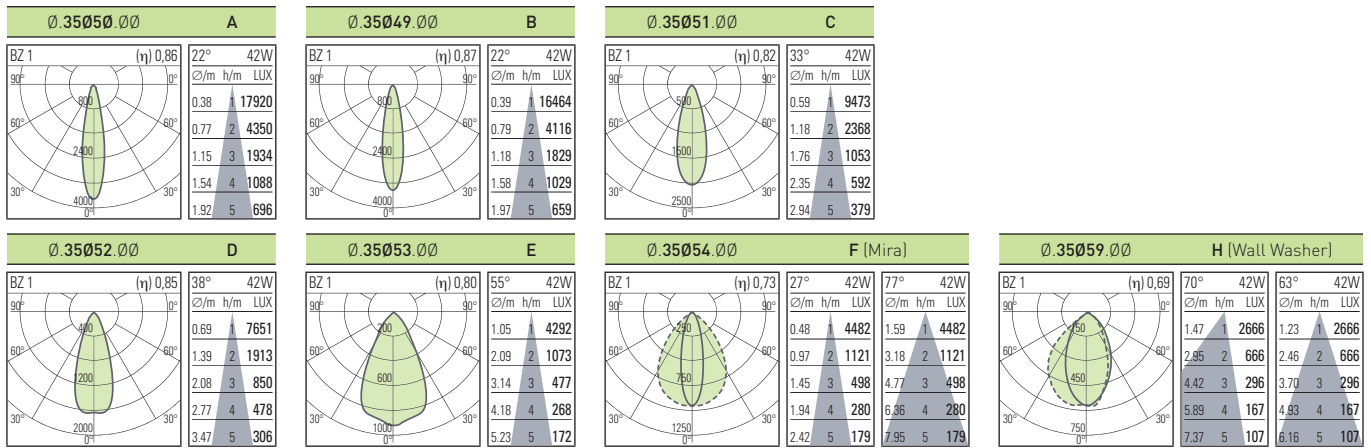
•80 mm•

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.

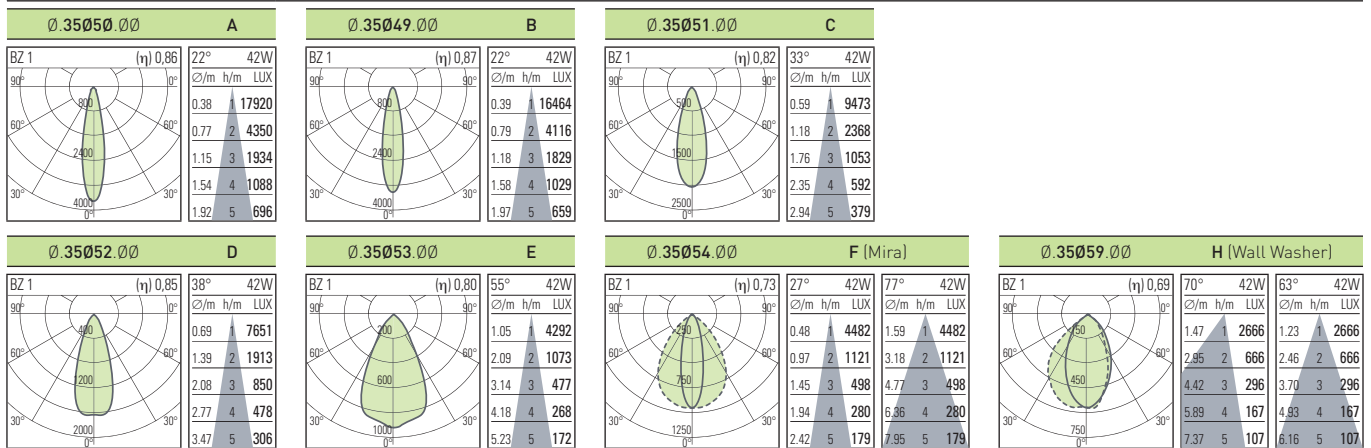
42 W

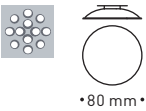
LED
IOS
LL2

5047 lm [WW]



5200 lm [NN]





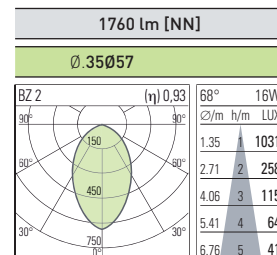
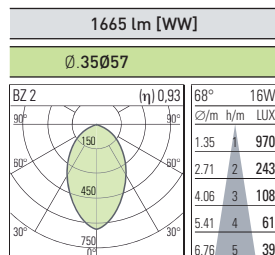
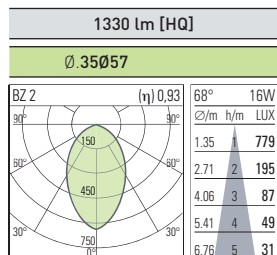
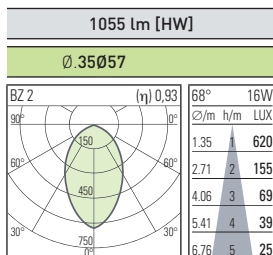
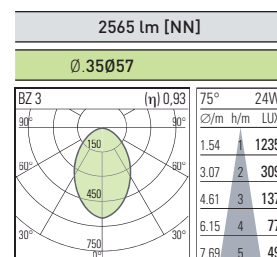
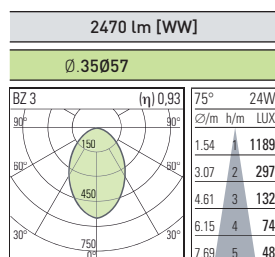
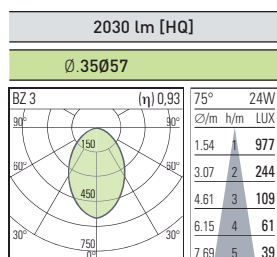
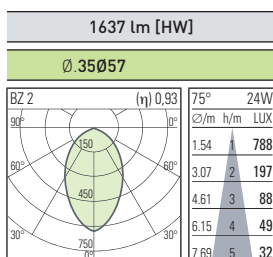
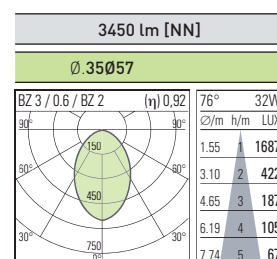
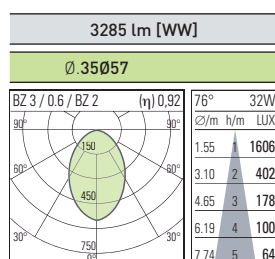
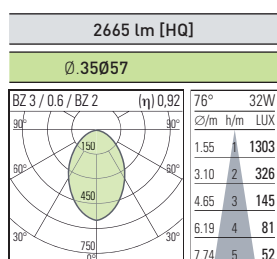
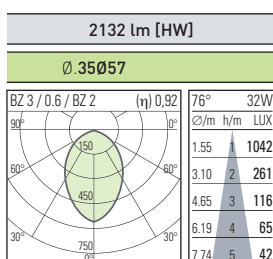
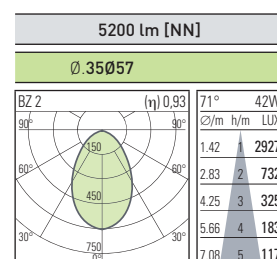
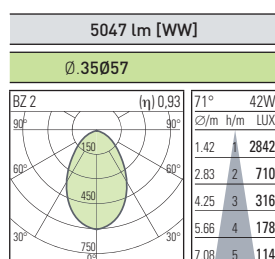
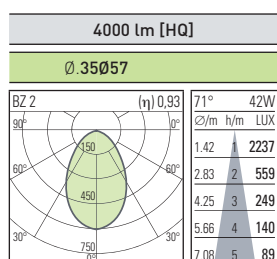
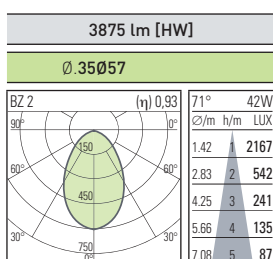
IOS reflectors with Ø 80 mm (LL2) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium 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																																																																																
	<table><tr><td>68°</td><td>8W</td></tr><tr><td>∅/m</td><td>h/m</td><td>LUX</td></tr><tr><td>1.35</td><td>1</td><td>375</td></tr><tr><td>2.71</td><td>2</td><td>94</td></tr><tr><td>4.06</td><td>3</td><td>42</td></tr><tr><td>5.41</td><td>4</td><td>23</td></tr><tr><td>6.76</td><td>5</td><td>15</td></tr></table>		68°	8W	∅/m	h/m	LUX	1.35	1	375	2.71	2	94	4.06	3	42	5.41	4	23	6.76	5	15	<table><tr><td>68°</td><td>8W</td></tr><tr><td>∅/m</td><td>h/m</td><td>LUX</td></tr><tr><td>1.35</td><td>1</td><td>448</td></tr><tr><td>2.71</td><td>2</td><td>112</td></tr><tr><td>4.06</td><td>3</td><td>50</td></tr><tr><td>5.41</td><td>4</td><td>28</td></tr><tr><td>6.76</td><td>5</td><td>18</td></tr></table>		68°	8W	∅/m	h/m	LUX	1.35	1	448	2.71	2	112	4.06	3	50	5.41	4	28	6.76	5	18	<table><tr><td>68°</td><td>8W</td></tr><tr><td>∅/m</td><td>h/m</td><td>LUX</td></tr><tr><td>1.35</td><td>1</td><td>516</td></tr><tr><td>2.71</td><td>2</td><td>129</td></tr><tr><td>4.06</td><td>3</td><td>57</td></tr><tr><td>5.41</td><td>4</td><td>32</td></tr><tr><td>6.76</td><td>5</td><td>21</td></tr></table>		68°	8W	∅/m	h/m	LUX	1.35	1	516	2.71	2	129	4.06	3	57	5.41	4	32	6.76	5	21	<table><tr><td>68°</td><td>8W</td></tr><tr><td>∅/m</td><td>h/m</td><td>LUX</td></tr><tr><td>1.35</td><td>1</td><td>572</td></tr><tr><td>2.71</td><td>2</td><td>143</td></tr><tr><td>4.06</td><td>3</td><td>64</td></tr><tr><td>5.41</td><td>4</td><td>36</td></tr><tr><td>6.76</td><td>5</td><td>23</td></tr></table>		68°	8W	∅/m	h/m	LUX	1.35	1	572	2.71	2	143	4.06	3	64	5.41	4	36	6.76	5
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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																																																																																
	<table><tr><td>75°</td><td>12W</td></tr><tr><td>∅/m</td><td>h/m</td><td>LUX</td></tr><tr><td>1.54</td><td>1</td><td>467</td></tr><tr><td>3.07</td><td>2</td><td>117</td></tr><tr><td>4.61</td><td>3</td><td>52</td></tr><tr><td>6.15</td><td>4</td><td>29</td></tr><tr><td>7.69</td><td>5</td><td>19</td></tr></table>		75°	12W	∅/m	h/m	LUX	1.54	1	467	3.07	2	117	4.61	3	52	6.15	4	29	7.69	5	19	<table><tr><td>75°</td><td>12W</td></tr><tr><td>∅/m</td><td>h/m</td><td>LUX</td></tr><tr><td>1.54</td><td>1</td><td>556</td></tr><tr><td>3.07</td><td>2</td><td>139</td></tr><tr><td>4.61</td><td>3</td><td>62</td></tr><tr><td>6.15</td><td>4</td><td>35</td></tr><tr><td>7.69</td><td>5</td><td>22</td></tr></table>		75°	12W	∅/m	h/m	LUX	1.54	1	556	3.07	2	139	4.61	3	62	6.15	4	35	7.69	5	22	<table><tr><td>75°</td><td>12W</td></tr><tr><td>∅/m</td><td>h/m</td><td>LUX</td></tr><tr><td>1.54</td><td>1</td><td>635</td></tr><tr><td>3.07</td><td>2</td><td>159</td></tr><tr><td>4.61</td><td>3</td><td>71</td></tr><tr><td>6.15</td><td>4</td><td>40</td></tr><tr><td>7.69</td><td>5</td><td>25</td></tr></table>		75°	12W	∅/m	h/m	LUX	1.54	1	635	3.07	2	159	4.61	3	71	6.15	4	40	7.69	5	25	<table><tr><td>75°</td><td>12W</td></tr><tr><td>∅/m</td><td>h/m</td><td>LUX</td></tr><tr><td>1.54</td><td>1</td><td>703</td></tr><tr><td>3.07</td><td>2</td><td>176</td></tr><tr><td>4.61</td><td>3</td><td>78</td></tr><tr><td>6.15</td><td>4</td><td>44</td></tr><tr><td>7.69</td><td>5</td><td>28</td></tr></table>		75°	12W	∅/m	h/m	LUX	1.54	1	703	3.07	2	176	4.61	3	78	6.15	4	44	7.69	5
75°	12W																																																																																						
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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																																																																																
	<table><tr><td>75°</td><td>15W</td></tr><tr><td>∅/m</td><td>h/m</td><td>LUX</td></tr><tr><td>1.55</td><td>1</td><td>638</td></tr><tr><td>3.10</td><td>2</td><td>160</td></tr><tr><td>4.65</td><td>3</td><td>71</td></tr><tr><td>6.19</td><td>4</td><td>40</td></tr><tr><td>7.74</td><td>5</td><td>26</td></tr></table>		75°	15W	∅/m	h/m	LUX	1.55	1	638	3.10	2	160	4.65	3	71	6.19	4	40	7.74	5	26	<table><tr><td>76°</td><td>15W</td></tr><tr><td>∅/m</td><td>h/m</td><td>LUX</td></tr><tr><td>1.55</td><td>1</td><td>753</td></tr><tr><td>3.10</td><td>2</td><td>188</td></tr><tr><td>4.65</td><td>3</td><td>84</td></tr><tr><td>6.19</td><td>4</td><td>47</td></tr><tr><td>7.74</td><td>5</td><td>30</td></tr></table>		76°	15W	∅/m	h/m	LUX	1.55	1	753	3.10	2	188	4.65	3	84	6.19	4	47	7.74	5	30	<table><tr><td>76°</td><td>15W</td></tr><tr><td>∅/m</td><td>h/m</td><td>LUX</td></tr><tr><td>1.55</td><td>1</td><td>936</td></tr><tr><td>3.10</td><td>2</td><td>234</td></tr><tr><td>4.65</td><td>3</td><td>104</td></tr><tr><td>6.19</td><td>4</td><td>59</td></tr><tr><td>7.74</td><td>5</td><td>37</td></tr></table>		76°	15W	∅/m	h/m	LUX	1.55	1	936	3.10	2	234	4.65	3	104	6.19	4	59	7.74	5	37	<table><tr><td>76°</td><td>15W</td></tr><tr><td>∅/m</td><td>h/m</td><td>LUX</td></tr><tr><td>1.55</td><td>1</td><td>851</td></tr><tr><td>3.10</td><td>2</td><td>213</td></tr><tr><td>4.65</td><td>3</td><td>95</td></tr><tr><td>6.19</td><td>4</td><td>53</td></tr><tr><td>7.74</td><td>5</td><td>34</td></tr></table>		76°	15W	∅/m	h/m	LUX	1.55	1	851	3.10	2	213	4.65	3	95	6.19	4	53	7.74	5
75°	15W																																																																																						
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• 80 mm •

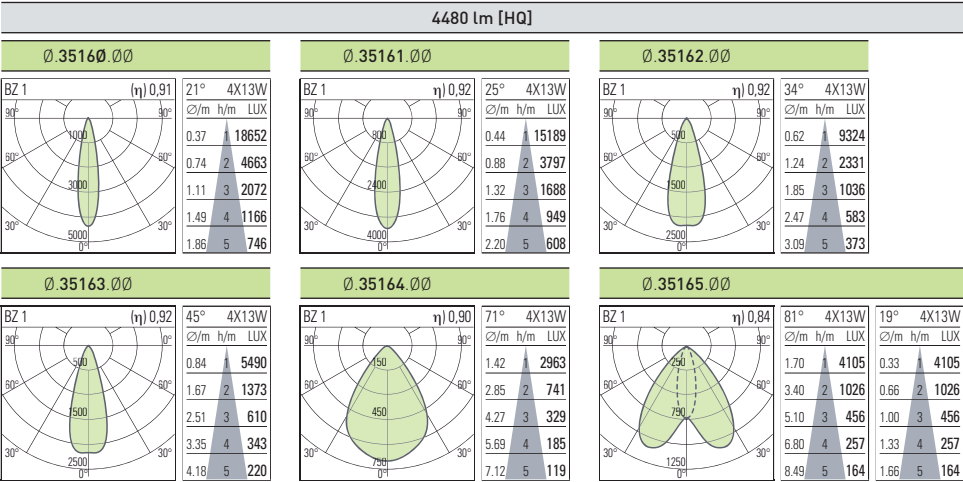
IOS reflectors with Ø 80 mm (**LL2**) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium 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
LL224 W
LED
IOS
LL232 W
LED
IOS
LL242 W
LED
IOS
LL2

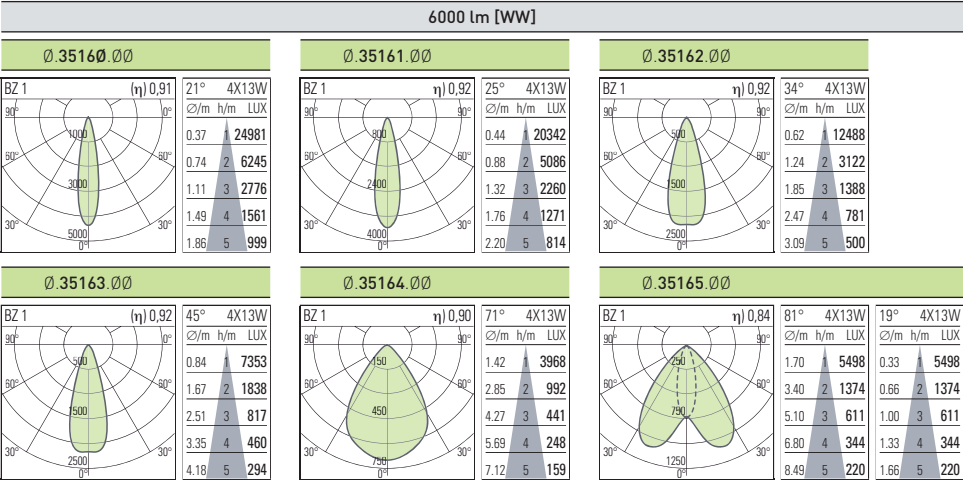


Four 10S reflectors with Ø 70 mm (LL4) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%); the shield is satin for narrow, medium and wide beams; satin with clear glass lenses for the Wall Washer Mira version.

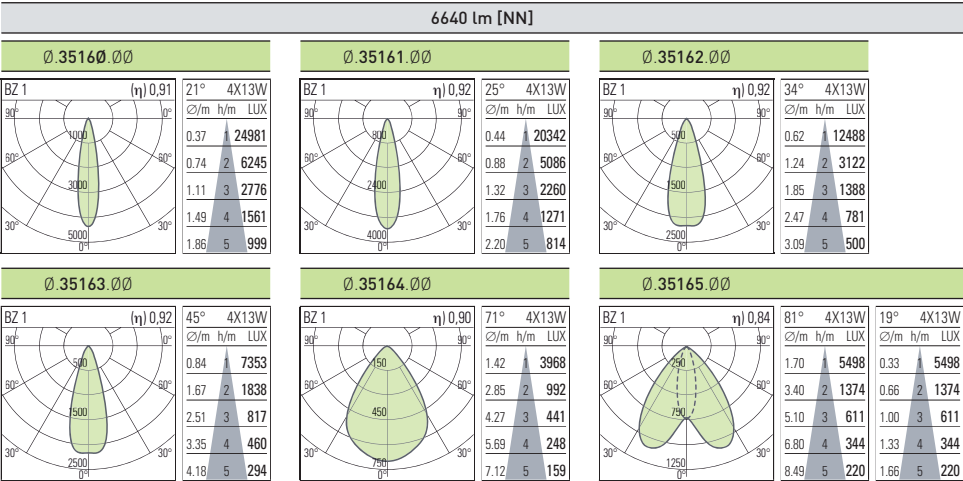
4x13 W
LED 10S
LL4



4x13 W
LED 10S
LL4



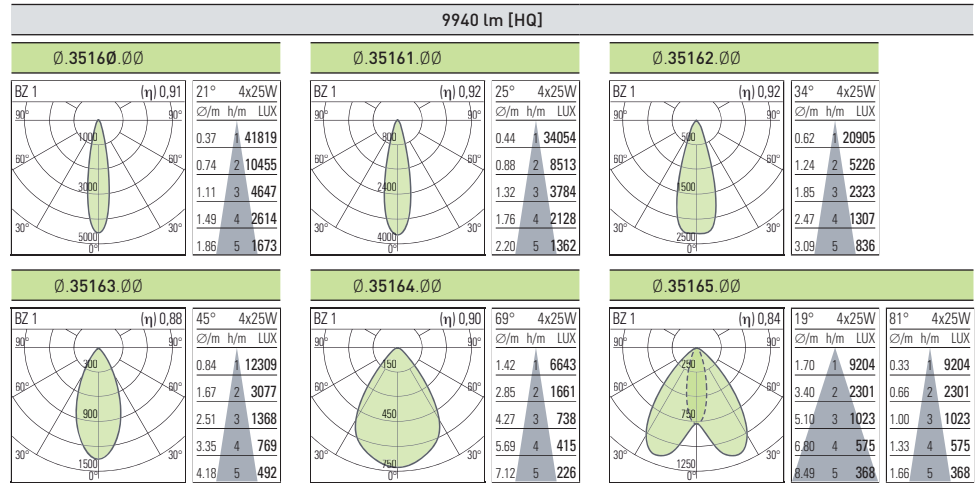
4x13 W
LED 10S
LL4



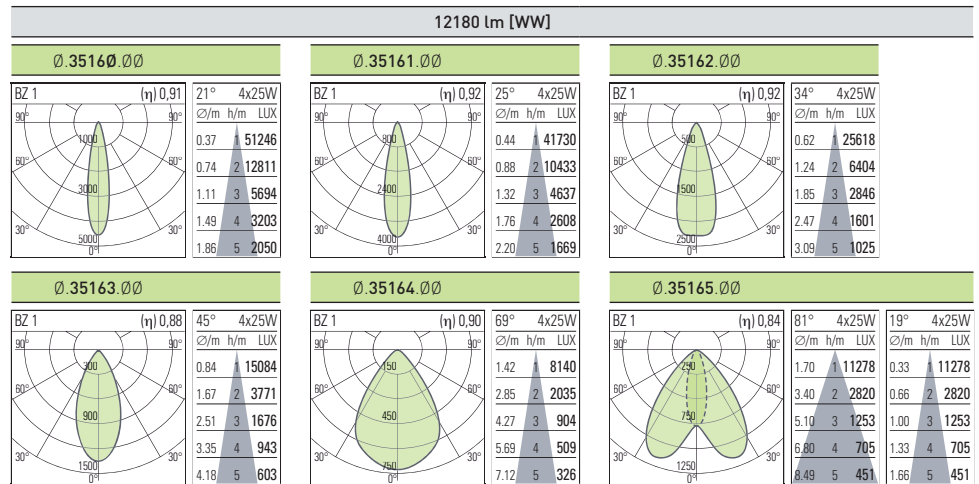


Four 10S reflectors with Ø 70 mm (LL4) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%); the shield is satin for narrow, medium and wide beams; satin with clear glass lenses for the Wall Washer Mira version.

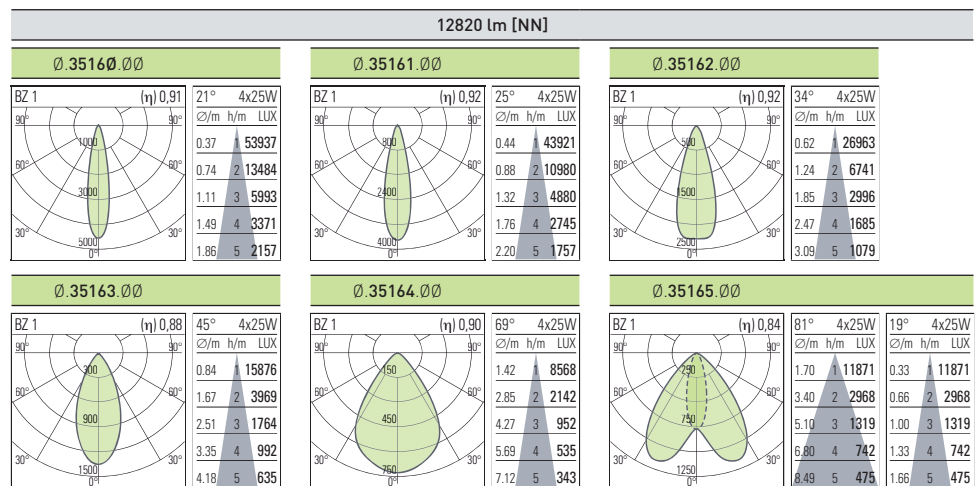
4x25 W

LED
10S
LL4

4x25 W

LED
10S
LL4

4x25 W

LED
10S
LL4



Wall Washer optics (LL5) made from antistatic metallised polycarbonate with scratch resistant protective coating.

2x13 W
LED

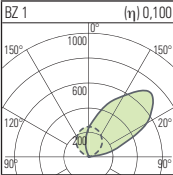
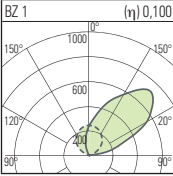
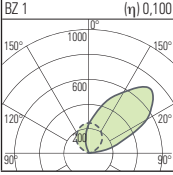
2240 lm [HQ]		
Ø.36Ø75.00		
BZ 6 / 1.5 / BZ 5 (η) 0,58	44° 2x13W	89° 2x13W
	Ø/m h/m LUX	Ø/m h/m LUX
	1.66 1 675	2.32 1 675
	3.32 2 169	4.64 2 169
	4.98 3 75	6.96 3 75
	6.64 4 42	9.29 4 42
	8.30 5 27	11.61 5 27
3000 lm [WW]		
Ø.36Ø75.00		
BZ 6 / 1.5 / BZ 5 (η) 0,58	44° 2x13W	89° 2x13W
	Ø/m h/m LUX	Ø/m h/m LUX
	1.66 1 904	2.32 1 904
	3.32 2 226	4.64 2 226
	4.98 3 100	6.96 3 100
	6.64 4 57	9.29 4 57
	8.30 5 36	11.61 5 36
3320 lm [NN]		
Ø.36Ø75.00		
BZ 6 / 1.5 / BZ 5 (η) 0,58	44° 2x13W	89° 2x13W
	Ø/m h/m LUX	Ø/m h/m LUX
	1.66 1 1001	2.32 1 1001
	3.32 2 250	4.64 2 250
	4.98 3 111	6.96 3 111
	6.64 4 63	9.29 4 63
	8.30 5 40	11.61 5 40

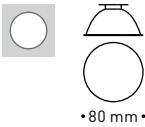
2x25 W
LED

4970 lm [HQ]		
Ø.36Ø75.00		
BZ 6 / 1.5 / BZ 5 (η) 0,58	44° 2x25W	89° 2x25W
	Ø/m h/m LUX	Ø/m h/m LUX
	1.66 1 1514	2.32 1 1514
	3.32 2 379	4.64 2 379
	4.98 3 168	6.96 3 168
	6.64 4 95	9.29 4 95
	8.30 5 61	11.61 5 61
6090 lm [WW]		
Ø.36Ø75.00		
BZ 6 / 1.5 / BZ 5 (η) 0,58	44° 2x25W	89° 2x25W
	Ø/m h/m LUX	Ø/m h/m LUX
	1.66 1 1855	2.32 1 1855
	3.32 2 464	4.64 2 464
	4.98 3 206	6.96 3 206
	6.64 4 116	9.29 4 116
	8.30 5 74	11.61 5 74
6410 lm [NN]		
Ø.36Ø75.00		
BZ 6 / 1.5 / BZ 5 (η) 0,58	44° 2x25W	89° 2x25W
	Ø/m h/m LUX	Ø/m h/m LUX
	1.66 1 1953	2.32 1 1953
	3.32 2 488	4.64 2 488
	4.98 3 217	6.96 3 217
	6.64 4 122	9.29 4 122
	8.30 5 78	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.700Ø90.00		
	BZ 1 	101° 2x13W Ø/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 Ø/m h/m LUX 27.65 1 27 22.12 2 43 16.59 3 76 11.06 4 172 5.53 5 687
	(η) 0,100		
2493 lm [WW]			
Ø.700Ø90.00			
	BZ 1 	101° 2x13W Ø/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 Ø/m h/m LUX 27.65 1 34 22.12 2 53 16.59 3 94 11.06 4 211 5.53 5 845
	(η) 0,100		
2251 lm [NN]			
Ø.700Ø90.00			
	BZ 1 	101° 2x13W Ø/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 Ø/m h/m LUX 27.65 1 37 22.12 2 58 16.59 3 104 11.06 4 234 5.53 5 935
	(η) 0,100		

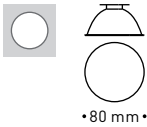


IOS reflectors with Ø 80 mm (LL7) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium 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
LL7

3399 lm [HW]									
Ø.35169.ØØ N		Ø.35170.ØØ P		Ø.35171.ØØ Q					
BZ 1 (η) 0,92		BZ 1 (η) 0,79		BZ 1 (η) 0,82					
14° 38W		21° 38W		30° 38W					
Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX					
0.25 1 15260		0.38 1 12983		0.54 1 8337					
0.50 2 3815		0.75 2 3246		1.07 2 2084					
0.75 3 1696		1.13 3 1443		1.61 3 926					
1.01 4 954		1.50 4 811		2.15 4 521					
1.26 5 610		1.88 5 519		2.68 5 333					
Ø.35172.ØØ R		Ø.35173.ØØ S		Ø.35174.ØØ T		Ø.35175.ØØ U (Mira)			
BZ 1 (η) 0,78		BZ 1 (η) 0,77		BZ 1 (η) 0,84		BZ 1 (η) 0,83		BZ 1 (η) 0,83	
36° 38W		40° 38W		69° 38W		28° 38W		90° 38W	
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	
0.66 1 6282		0.72 1 3848		1.37 1 2332		0.51 1 2984		2.02 1 2984	
1.32 2 1571		1.45 2 962		2.74 2 583		1.02 2 746		4.03 2 746	
1.98 3 698		2.17 3 428		4.12 3 259		1.52 3 332		6.05 3 332	
2.63 4 393		2.90 4 241		5.49 4 146		2.03 4 186		8.06 4 186	
3.29 5 251		3.62 5 154		6.86 5 93		2.54 5 119		10.08 5 119	

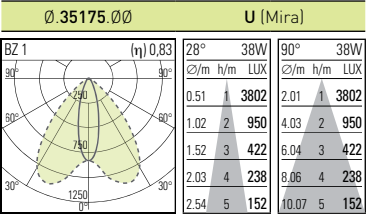
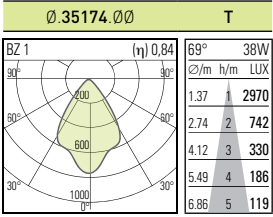
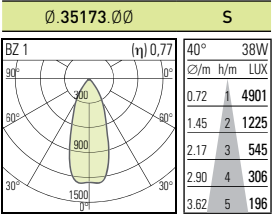
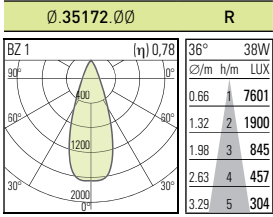
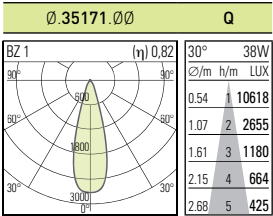
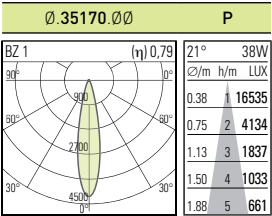
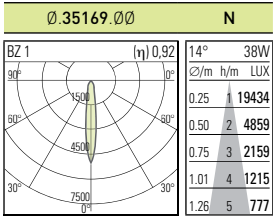
3578 lm [HQ]									
Ø.35169.ØØ N		Ø.35170.ØØ P		Ø.35171.ØØ Q					
BZ 1 (η) 0,92		BZ 1 (η) 0,79		BZ 1 (η) 0,82					
14° 38W		21° 38W		30° 38W					
Ø/m h/m LUX		Ø/m h/m LUX		Ø/m h/m LUX					
0.25 1 16062		0.38 1 13666		0.54 1 8776					
0.50 2 4016		0.75 2 3416		1.07 2 2194					
0.75 3 1785		1.13 3 1518		1.61 3 975					
1.01 4 1004		1.50 4 854		2.15 4 548					
1.26 5 642		1.88 5 547		2.68 5 351					
Ø.35172.ØØ R		Ø.35173.ØØ S		Ø.35174.ØØ T		Ø.35175.ØØ U (Mira)			
BZ 1 (η) 0,78		BZ 1 (η) 0,77		BZ 1 (η) 0,84		BZ 1 (η) 0,83		BZ 1 (η) 0,83	
36° 38W		40° 38W		69° 38W		28° 38W		90° 38W	
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	
0.66 1 6282		0.72 1 4051		1.37 1 2455		0.51 1 3142		2.01 1 3142	
1.32 2 1571		1.45 2 1013		2.74 2 614		1.02 2 786		4.03 2 786	
1.98 3 698		2.17 3 450		4.12 3 273		1.52 3 349		6.04 3 349	
2.63 4 393		2.90 4 253		5.49 4 153		2.03 4 196		8.06 4 196	
3.29 5 251		3.62 5 162		6.86 5 98		2.54 5 126		10.07 5 126	



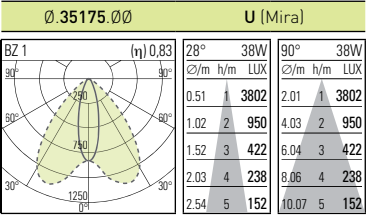
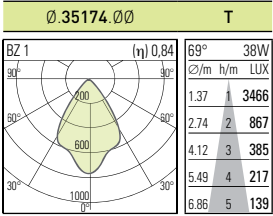
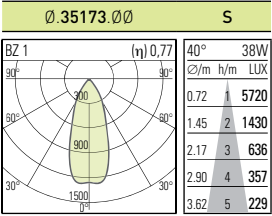
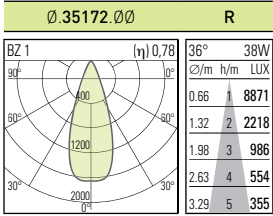
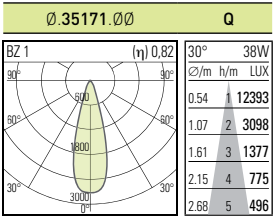
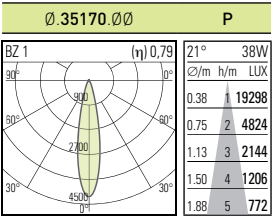
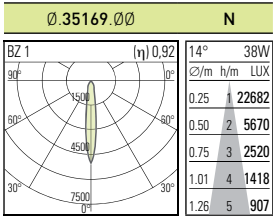
IOS reflectors with Ø 80 mm (LL7) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer version. There are also versions with selective filters for lighting foodstuffs.

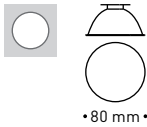
38 W
LED
IOS
LL7

4329 lm [WW]



4480 lm [NN]

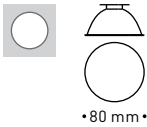




IOS reflectors with Ø 80 mm (LL7) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium 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
LL7

3940 lm [HW]									
Ø.35169.ØØ		N		Ø.35170.ØØ		P		Ø.35171.ØØ	
BZ 1	(η) 0,92	14°	46W	BZ 1	(η) 0,79	21°	46W	BZ 1	(η) 0,82
90°		0,25	17500	90°		0,38	14889	90°	
60°		0,50	4375	60°		0,75	3722	60°	
30°		0,75	1944	30°		1,13	1654	30°	
0°		1,01	1094	0°		1,50	931	0°	
		1,26	700			1,88	596		
Ø.35172.ØØ		R		Ø.35173.ØØ		S		Ø.35174.ØØ	
BZ 1	(η) 0,78	36°	46W	BZ 1	(η) 0,77	40°	46W	BZ 1	(η) 0,84
90°		0,86	6844	90°		0,72	4413	90°	
60°		1,32	1711	60°		1,45	1103	60°	
30°		1,98	760	30°		2,17	490	30°	
0°		2,63	428	0°		2,90	276	0°	
		3,29	274			3,62	177		
Ø.35175.ØØ		U (Mira)							
BZ 1	(η) 0,83	28°	46W	BZ 1	(η) 0,83	28°	46W	BZ 1	(η) 0,83
90°		0,51	3422	90°		0,51	3422	90°	
60°		1,02	856	60°		1,02	856	60°	
30°		1,52	380	30°		1,52	380	30°	
0°		2,03	214	0°		2,03	214	0°	
		2,54	137			2,54	137		
4147 lm [HQ]									
Ø.35169.ØØ		N		Ø.35170.ØØ		P		Ø.35171.ØØ	
BZ 1	(η) 0,92	14°	46W	BZ 1	(η) 0,79	21°	46W	BZ 1	(η) 0,82
90°		0,25	18422	90°		0,38	15673	90°	
60°		0,50	4605	60°		0,75	3918	60°	
30°		0,75	2047	30°		1,13	1741	30°	
0°		1,01	1151	0°		1,50	980	0°	
		1,26	737			1,88	627		
Ø.35172.ØØ		R		Ø.35173.ØØ		S		Ø.35174.ØØ	
BZ 1	(η) 0,78	36°	46W	BZ 1	(η) 0,77	40°	46W	BZ 1	(η) 0,84
90°		0,86	7205	90°		0,72	4646	90°	
60°		1,32	1801	60°		1,45	1161	60°	
30°		1,98	801	30°		2,17	516	30°	
0°		2,63	450	0°		2,90	290	0°	
		3,29	288			3,62	186		
Ø.35175.ØØ		U (Mira)							
BZ 1	(η) 0,83	28°	46W	BZ 1	(η) 0,83	28°	46W	BZ 1	(η) 0,83
90°		0,51	3604	90°		0,51	3604	90°	
60°		1,02	901	60°		1,02	901	60°	
30°		1,52	400	30°		1,52	400	30°	
0°		2,03	225	0°		2,03	225	0°	
		2,54	144			2,54	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
LL7

5017 lm [WW]											
Ø.35169.00		N	Ø.35170.00		P	Ø.35171.00		Q			
BZ 1	(η) 0,92	14° 46W	BZ 1	(η) 0,79	21° 46W	BZ 1	(η) 0,82	30° 46W			
90°		0,25 1 22285	90°		0,38 1 18961	90°		0,54 1 12176			
60°		0,50 2 5571	60°		0,75 2 4740	60°		1,07 2 3044			
30°		0,75 3 2476	30°		1,13 3 2107	30°		1,61 3 1353			
0°		1,01 4 1393	0°		1,50 4 1185	0°		2,15 4 761			
		1,26 5 891			1,88 5 758			2,68 5 487			
Ø.35172.00		R	Ø.35173.00		S	Ø.35174.00		T	Ø.35175.00 U [Mira]		
BZ 1	(η) 0,78	36° 46W	BZ 1	(η) 0,77	40° 46W	BZ 1	(η) 0,84	69° 46W	BZ 1	(η) 0,83	28° 46W
90°		0,66 1 8716	90°		0,72 1 5620	90°		1,37 1 3406	90°		0,51 1 4515
60°		1,32 2 2179	60°		1,45 2 1405	60°		2,74 2 851	60°		1,02 2 1129
30°		1,98 3 968	30°		2,17 3 624	30°		4,12 3 378	30°		1,52 3 502
0°		2,63 4 545	0°		2,90 4 351	0°		5,49 4 213	0°		2,03 4 282
		3,29 5 349			3,62 5 255			6,86 5 136			2,54 5 181
											10,07 5 181

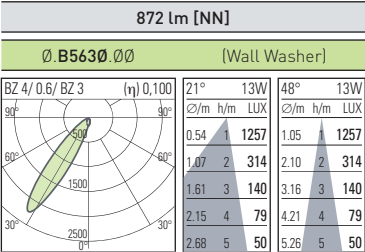
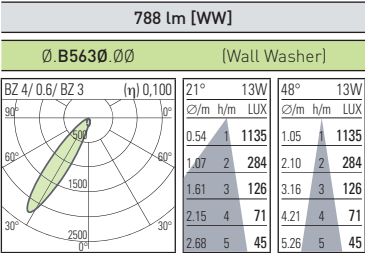
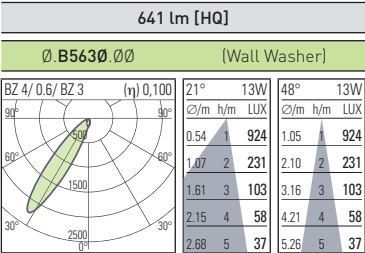
5196 lm [NN]											
Ø.35169.00		N	Ø.35170.00		P	Ø.35171.00		Q			
BZ 1	(η) 0,92	14° 46W	BZ 1	(η) 0,79	21° 46W	BZ 1	(η) 0,82	30° 46W			
90°		0,25 1 23078	90°		0,38 1 19635	90°		0,54 1 12609			
60°		0,50 2 5770	60°		0,75 2 4909	60°		1,07 2 3152			
30°		0,75 3 2564	30°		1,13 3 2182	30°		1,61 3 1401			
0°		1,01 4 1442	0°		1,50 4 1227	0°		2,15 4 788			
		1,26 5 923			1,88 5 785			2,68 5 504			
Ø.35172.00		R	Ø.35173.00		S	Ø.35174.00		T	Ø.35175.00 U [Mira]		
BZ 1	(η) 0,78	36° 46W	BZ 1	(η) 0,77	40° 46W	BZ 1	(η) 0,84	69° 46W	BZ 1	(η) 0,83	28° 46W
90°		0,66 1 9026	90°		0,72 1 5820	90°		1,37 1 3527	90°		0,51 1 4360
60°		1,32 2 2257	60°		1,45 2 1455	60°		2,74 2 882	60°		1,02 2 1090
30°		1,98 3 1003	30°		2,17 3 647	30°		4,12 3 392	30°		1,52 3 484
0°		2,63 4 564	0°		2,90 4 364	0°		5,49 4 220	0°		2,03 4 272
		3,29 5 361			3,62 5 233			6,86 5 141			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

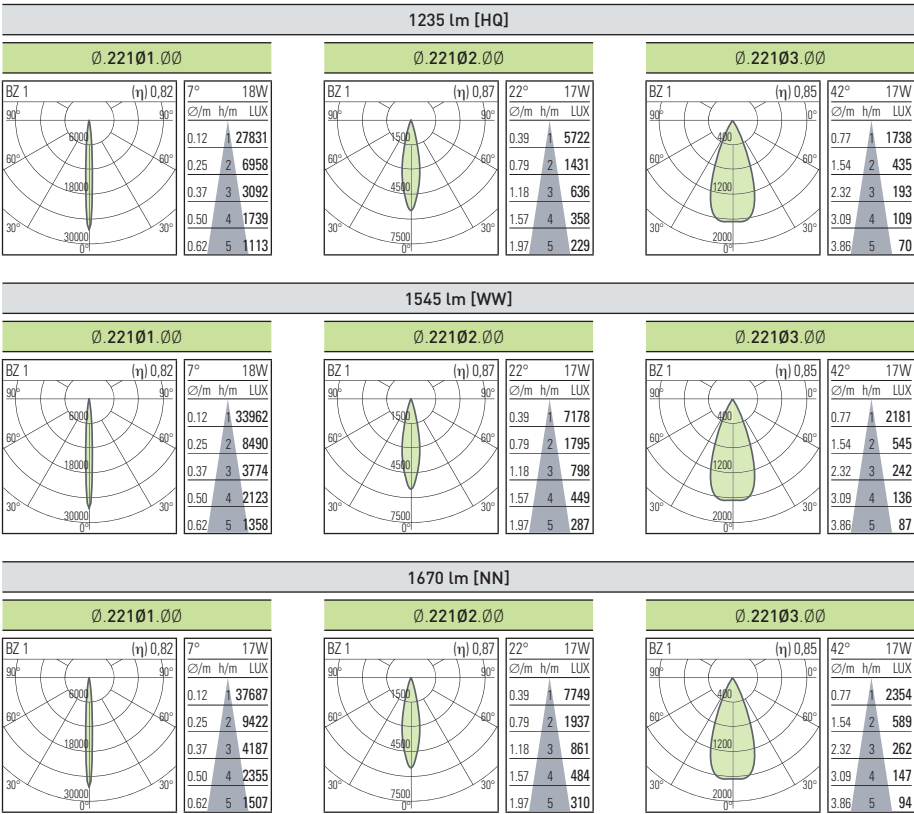




An assembly of LEDs on a printed square or rectangular circuit board, with optical elements and thermal and mechanical interfaces.

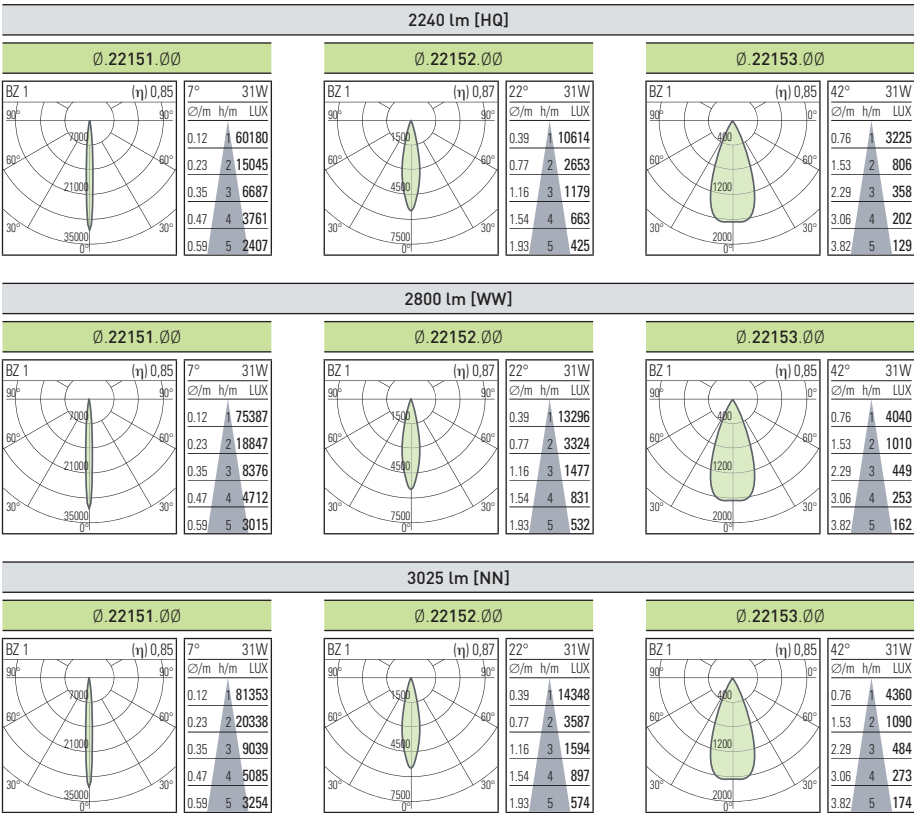
17 W

LED



31 W

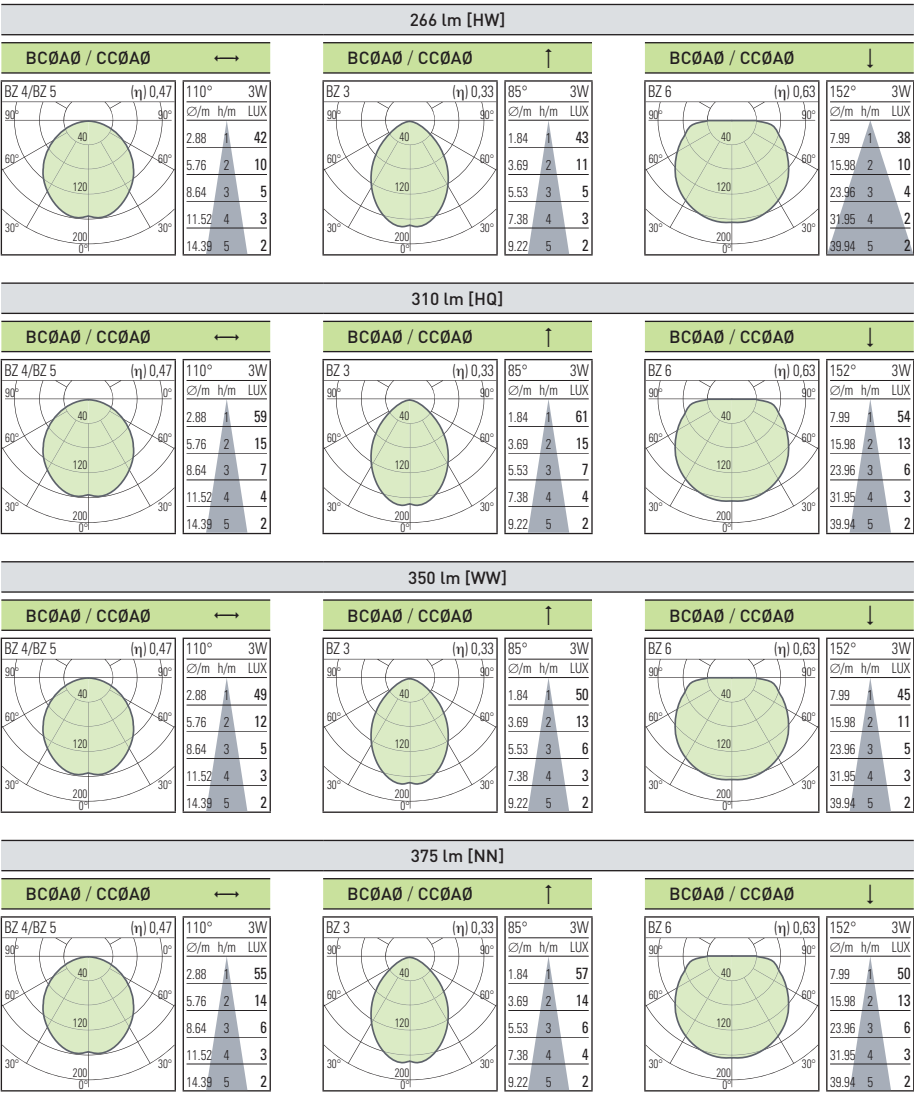
LED





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

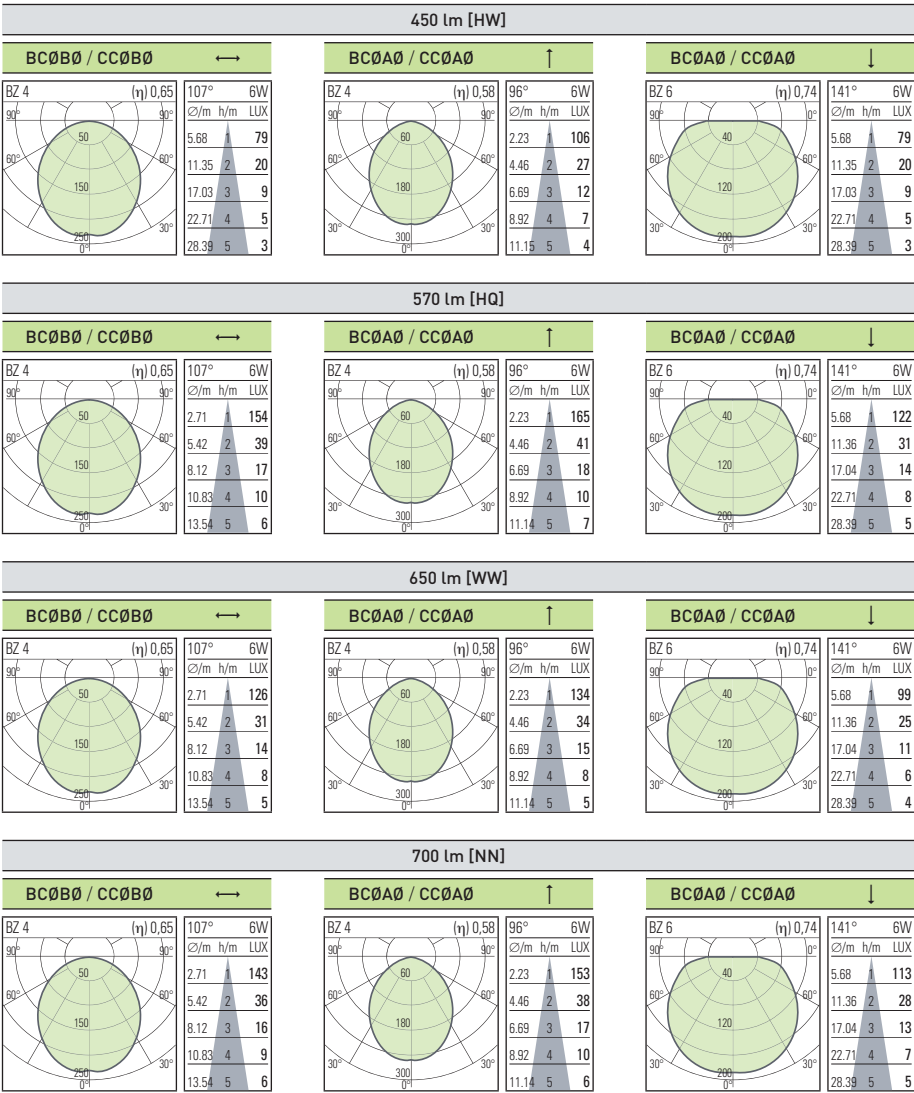




The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

6 W

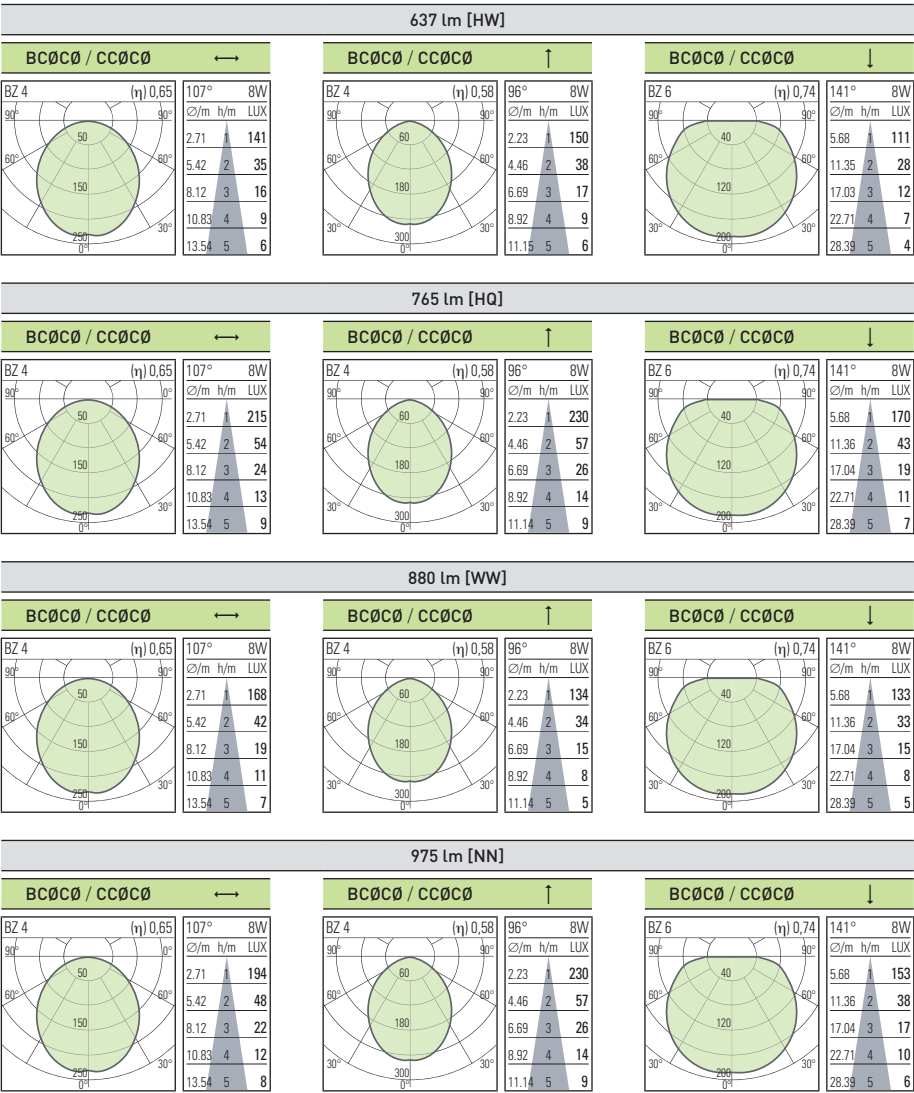
LED





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

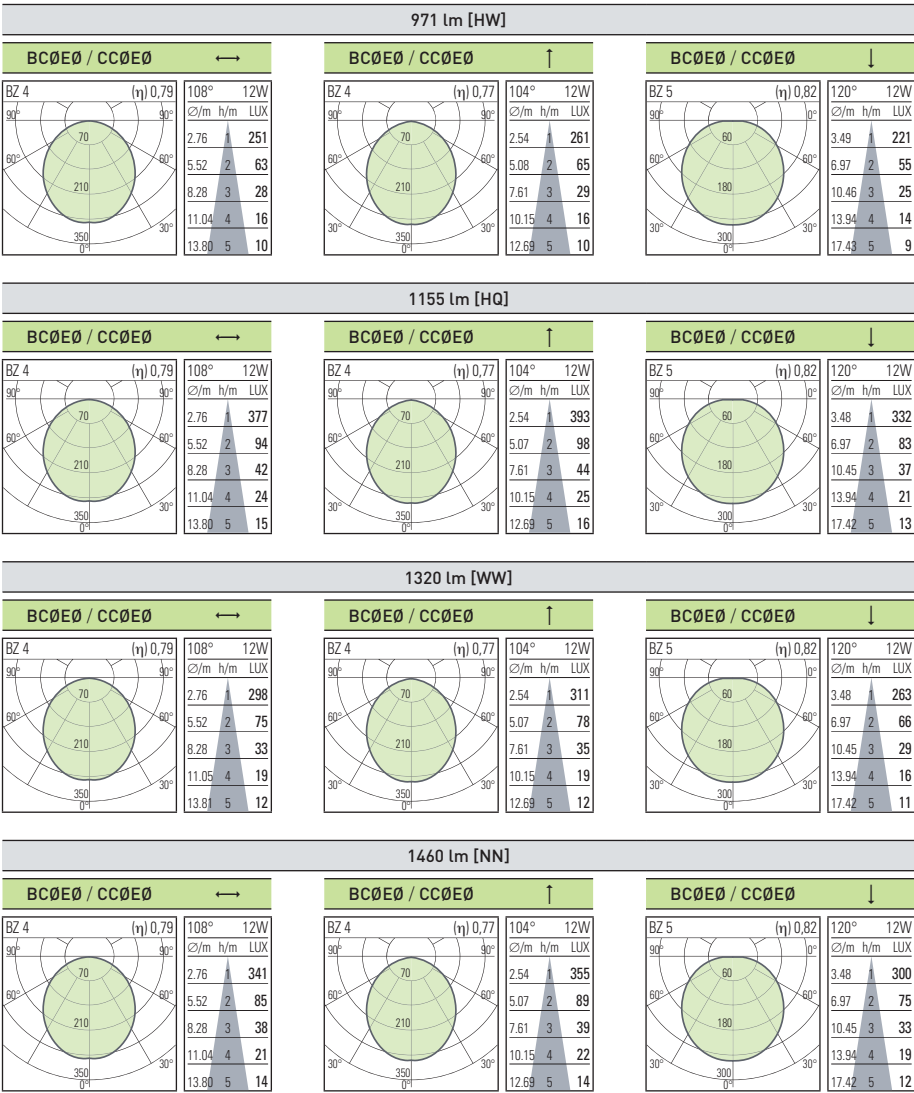




The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

12 W

LED

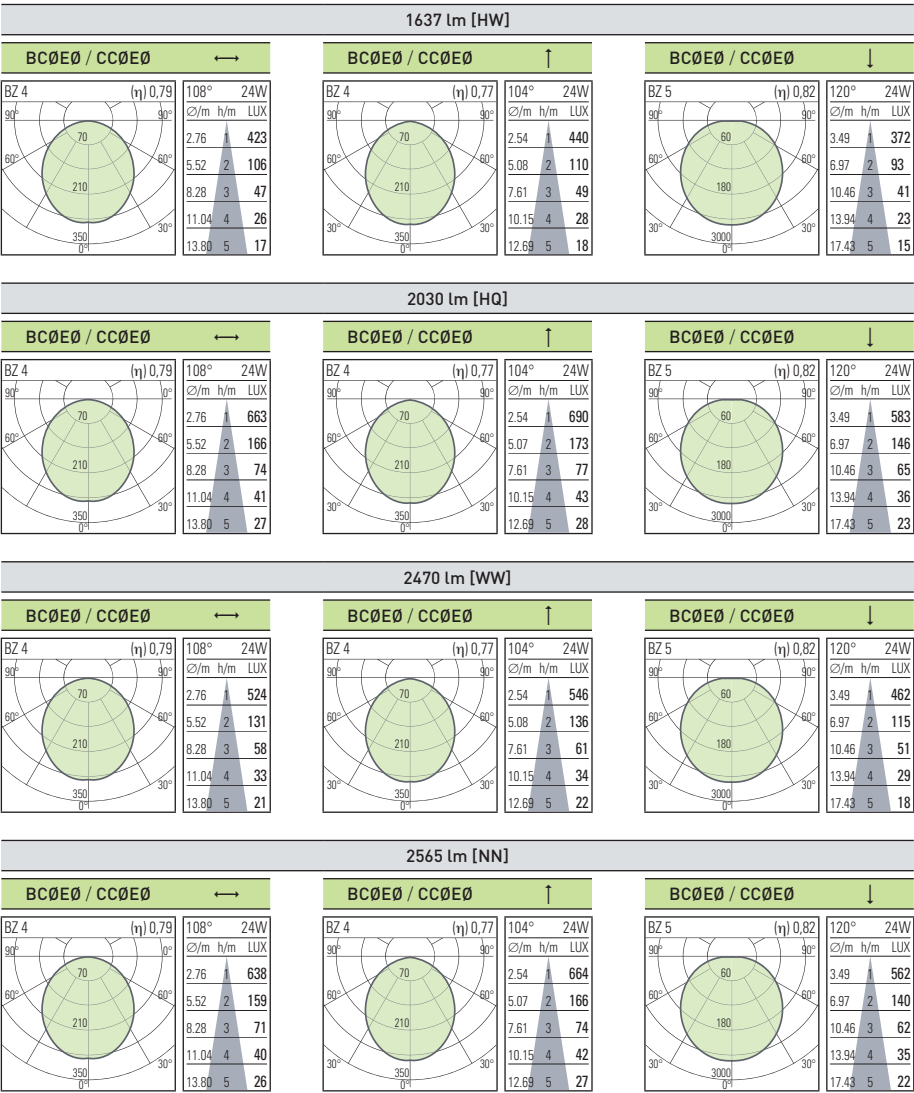




The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

24 W

LED





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

33 W

LED

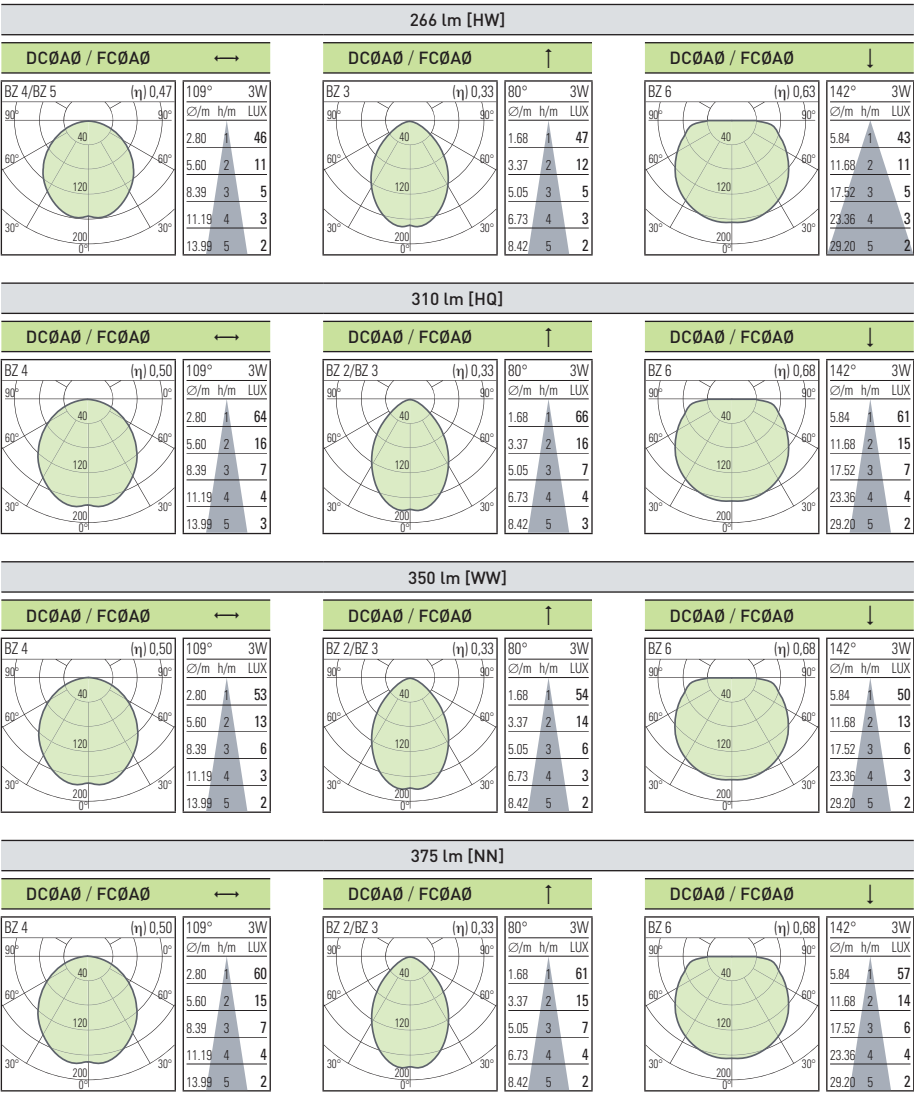




The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

3 W

LED

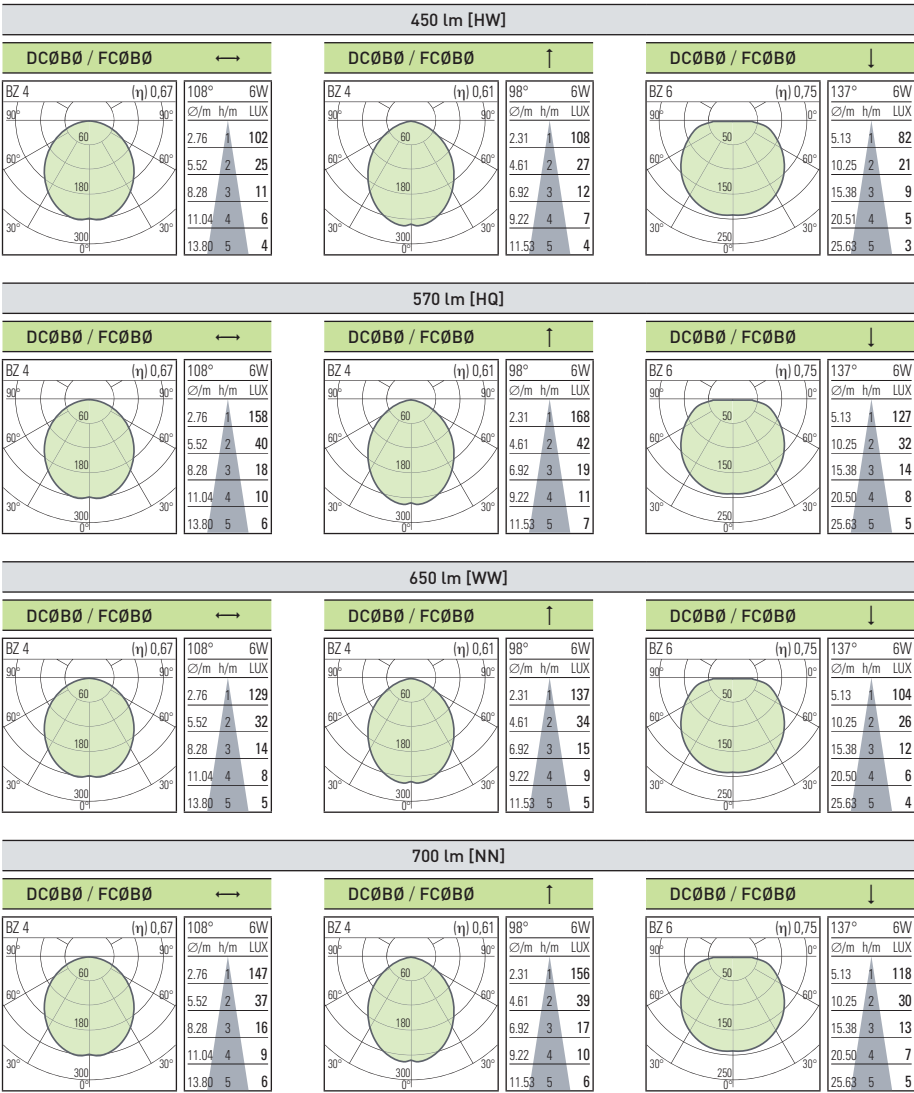




The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

6 W

LED

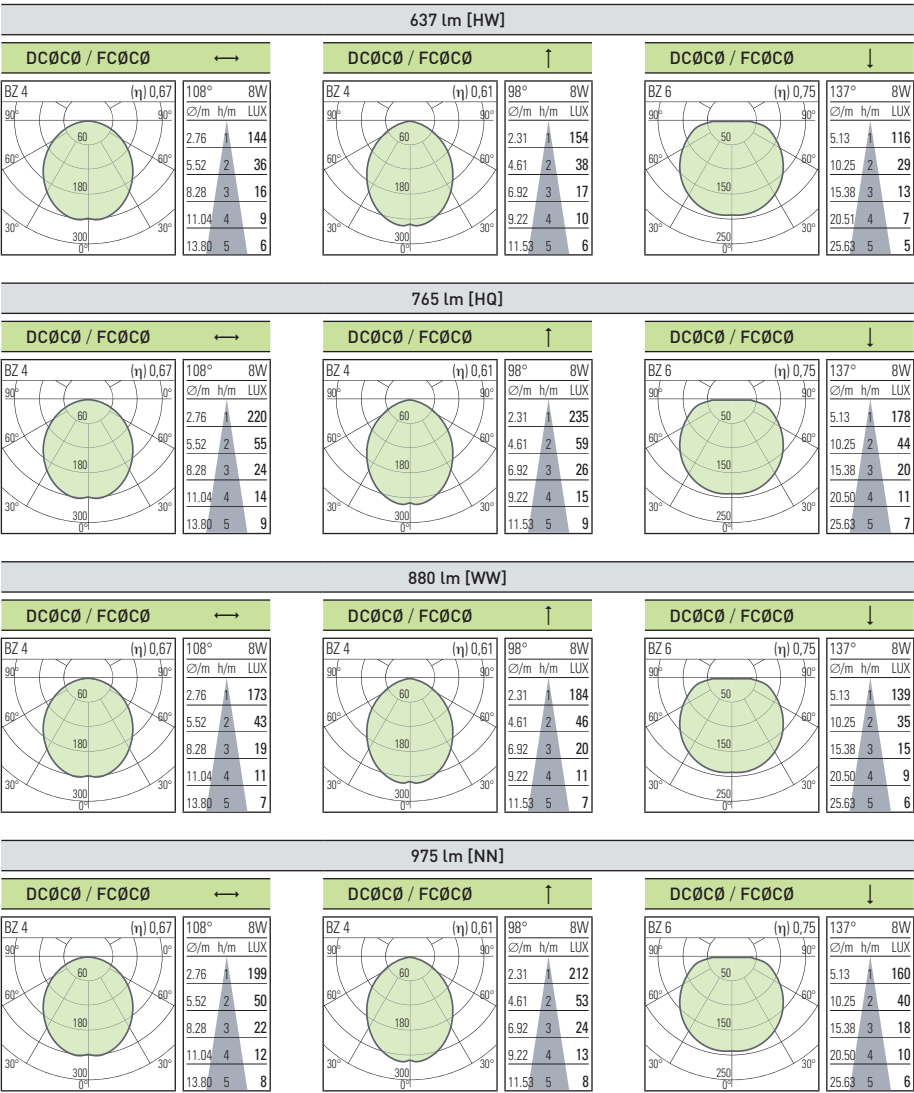




The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

8 W

LED

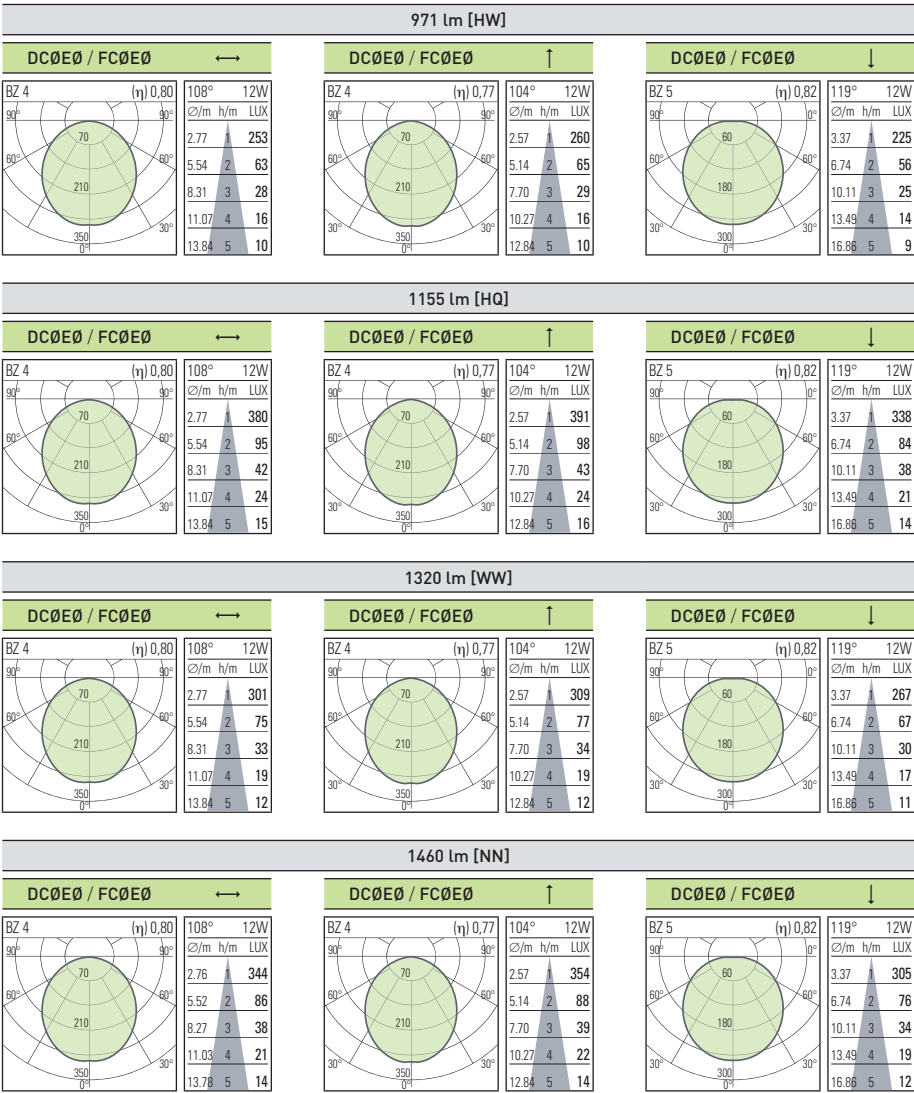




The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

12 W

LED

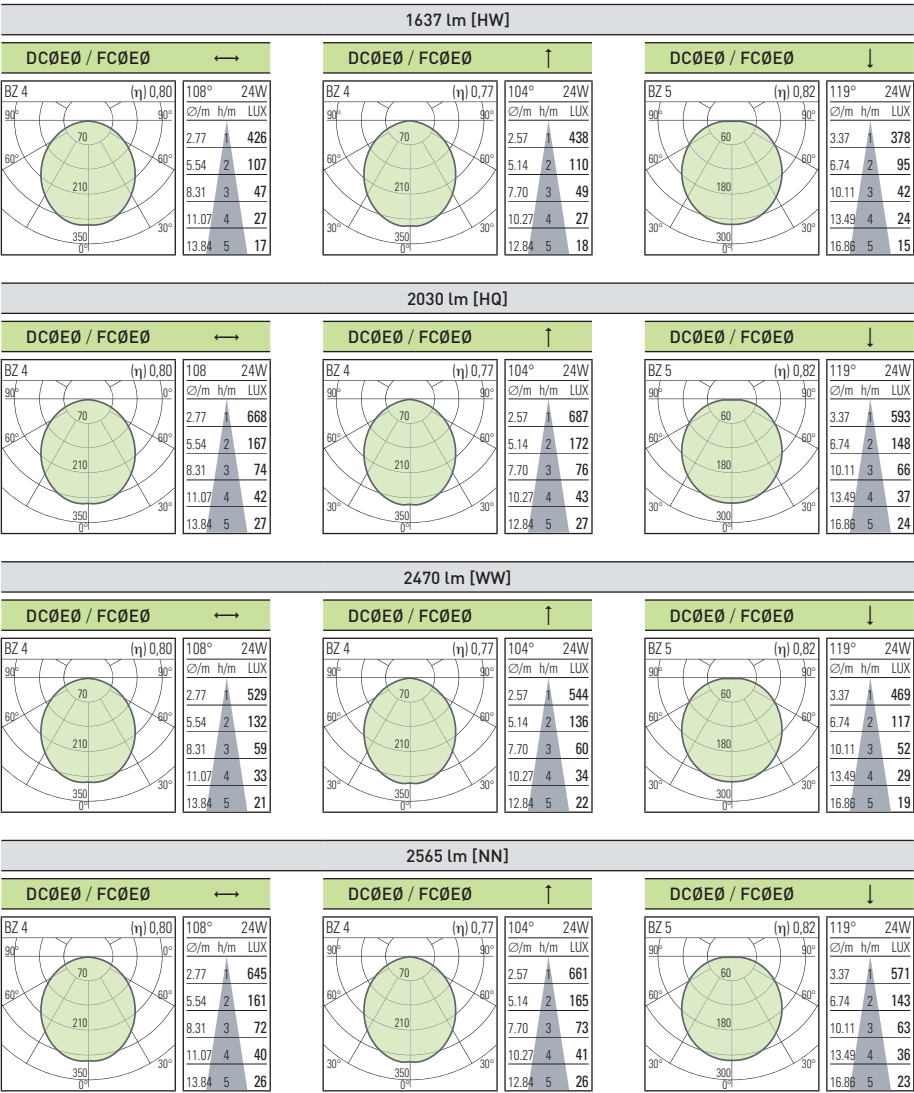




The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

24 W

LED





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

32 W

LED

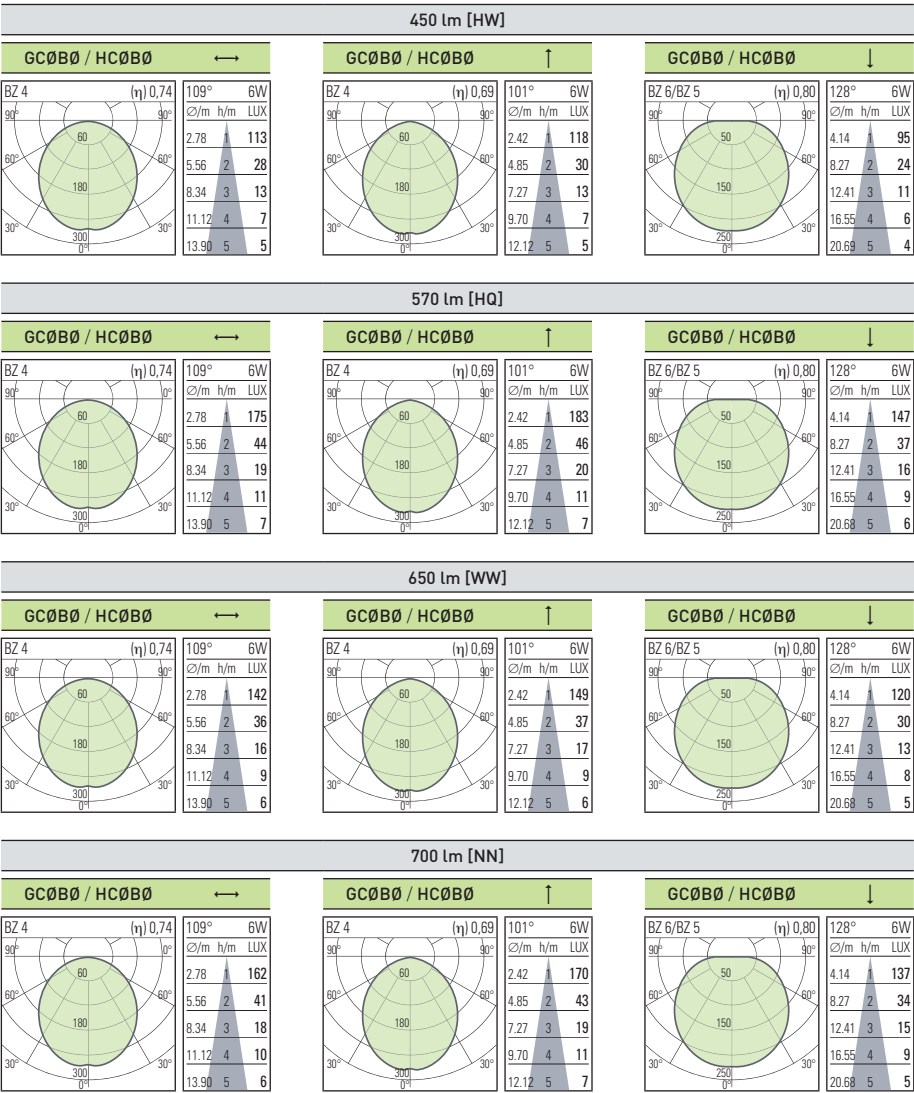




The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

6 W

LED

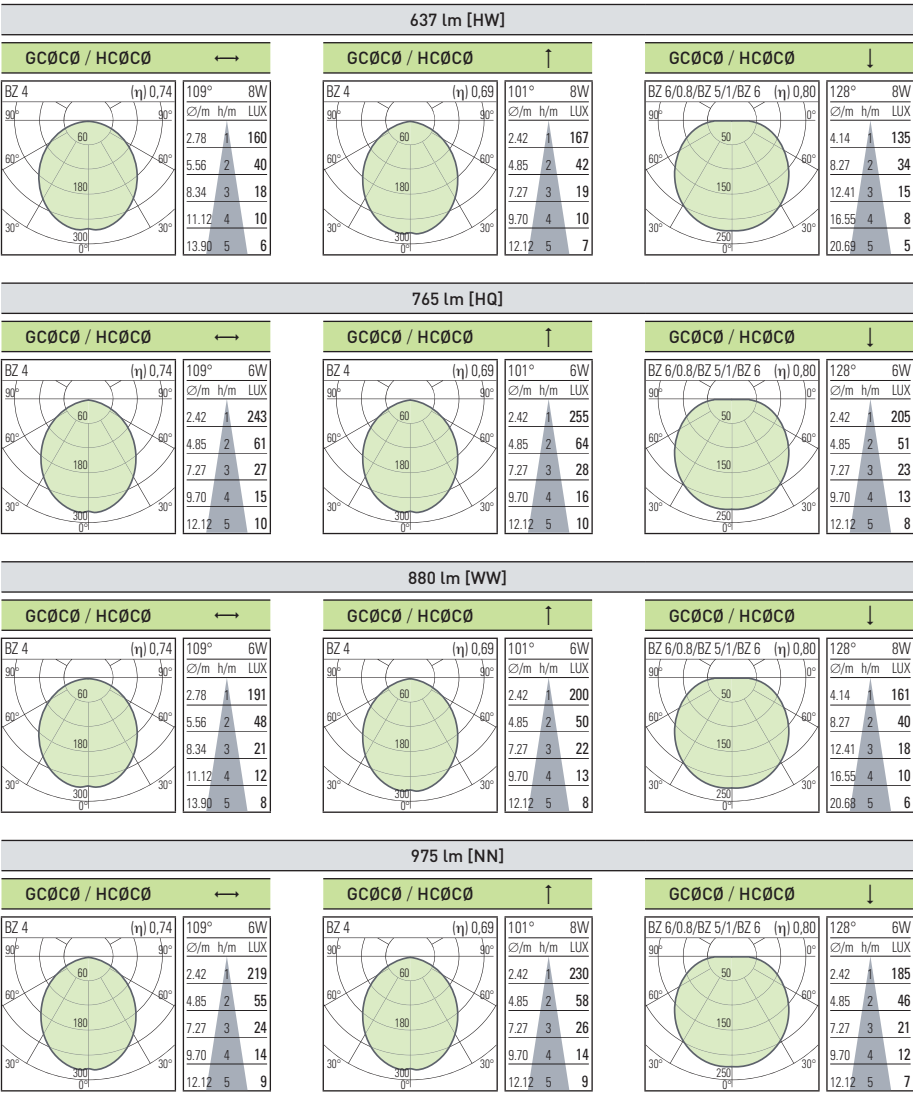




The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

8 W

LED

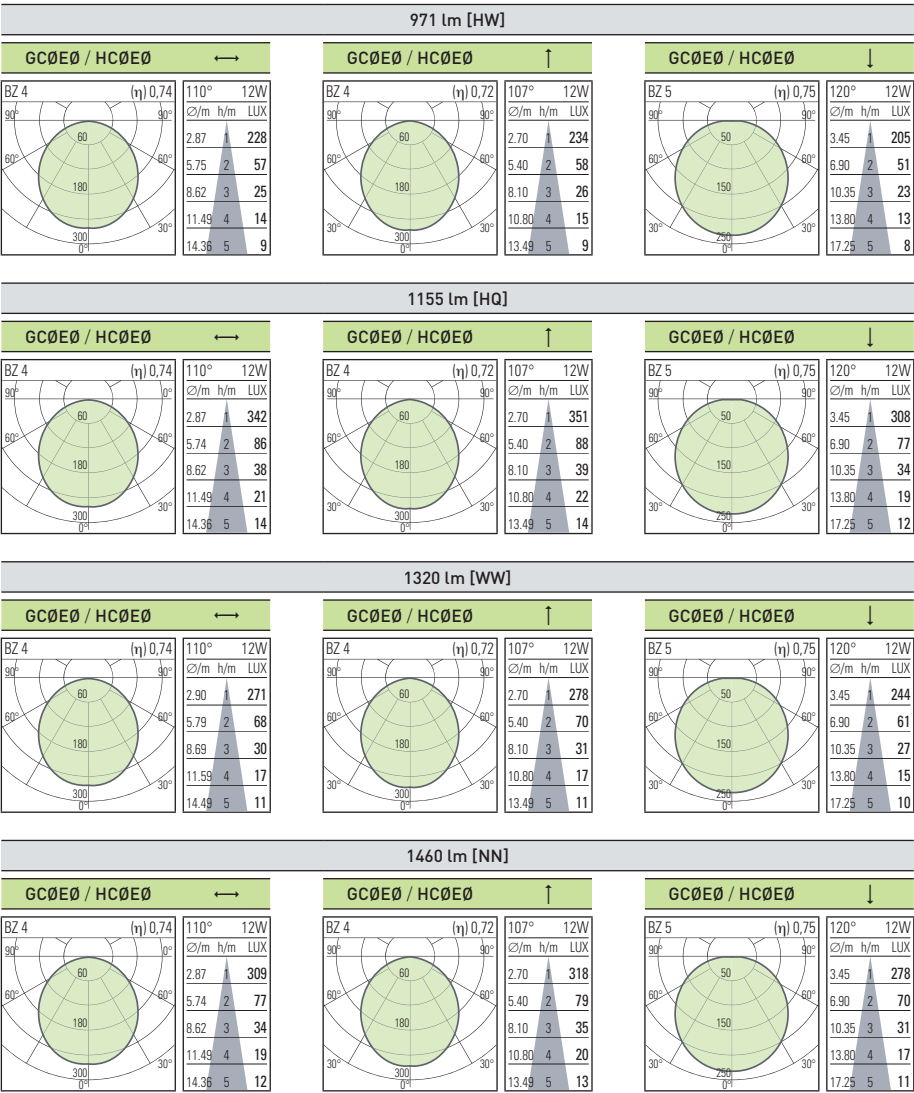




The multi-chip LED package is where chips of the same size and shape are clustered randomly on the LED board. LEDs are not arranged in a grid pattern like the LED array.

12 W

LED





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

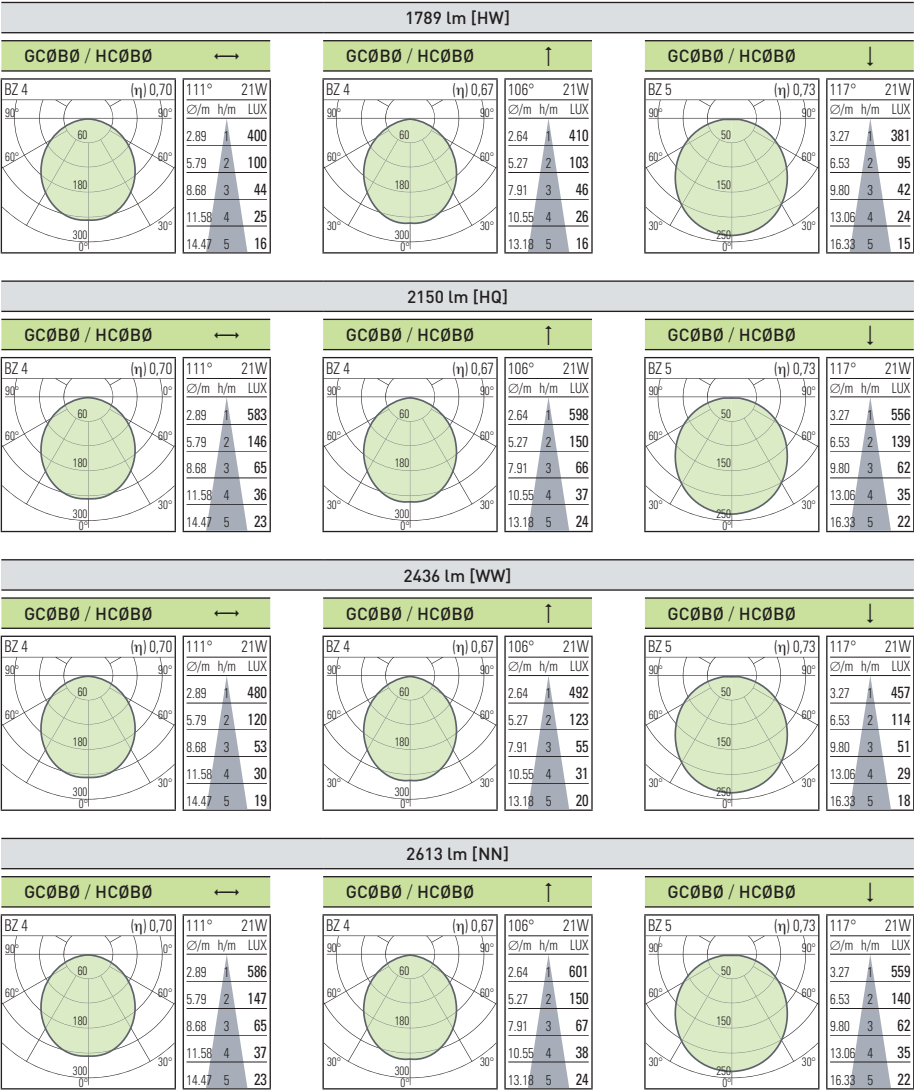
LED





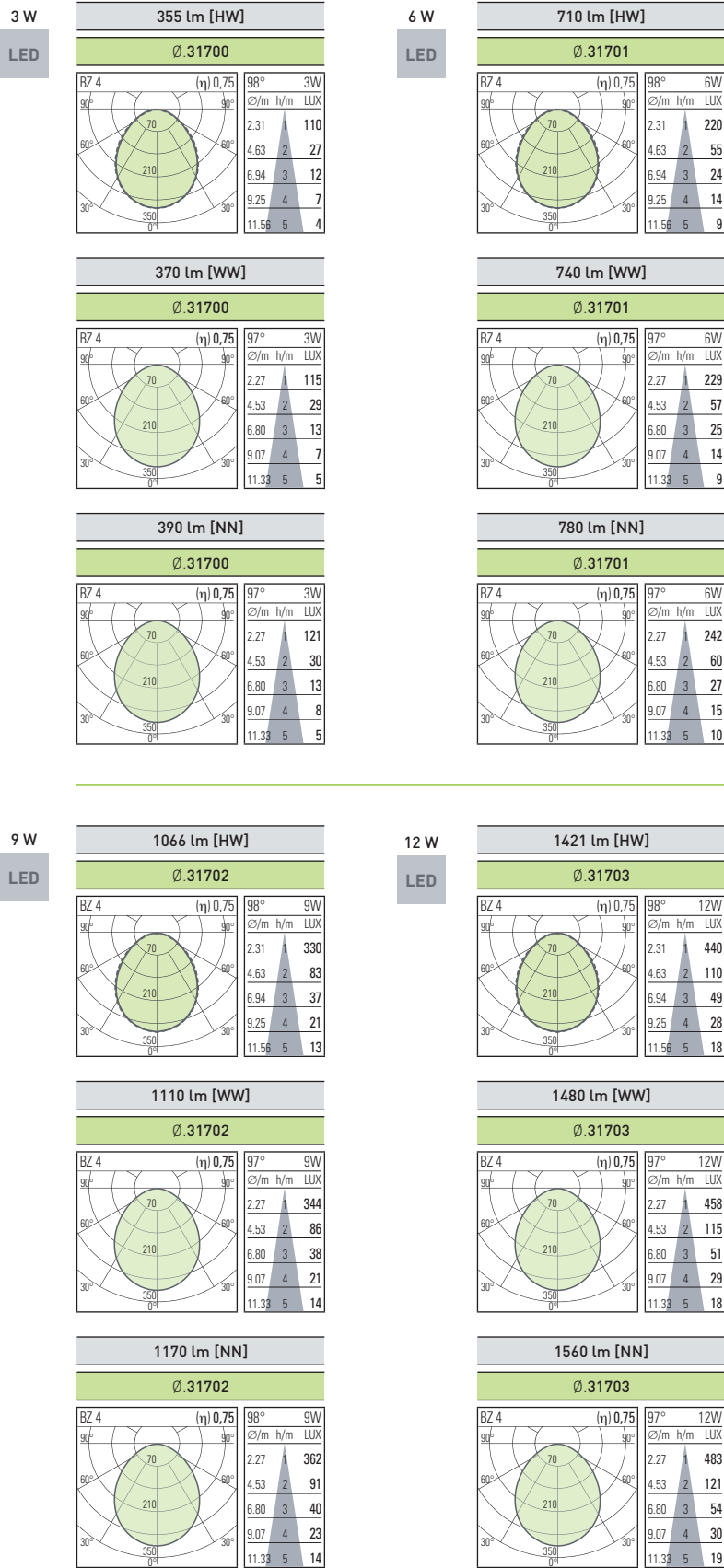
An assembly of LEDs on a printed square or rectangular circuit board, with optical elements and thermal and mechanical interfaces.

21 W
LED





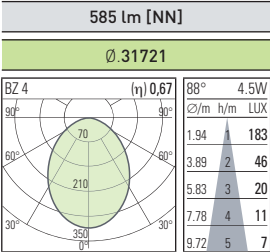
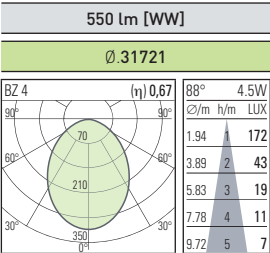
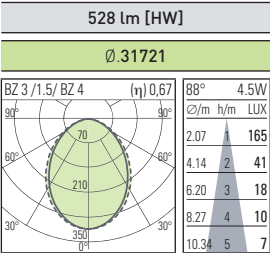
An assembly of LEDs on a stamped linear circuit board with optical elements and thermal and mechanical interfaces.



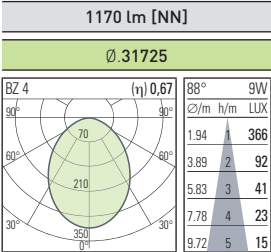
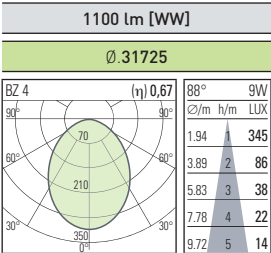
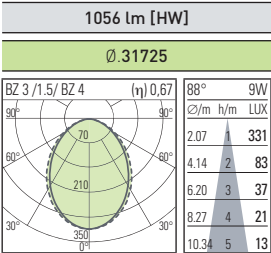


An assembly of LEDs on a stamped linear circuit board with optical elements and thermal and mechanical interfaces.

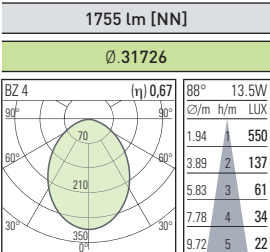
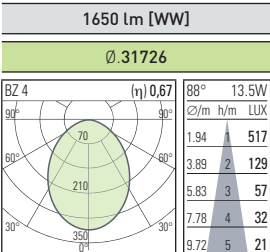
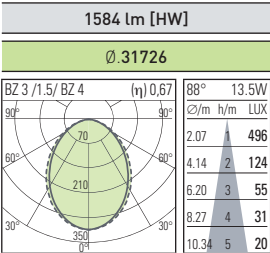
4,5 W
LED



9 W
LED



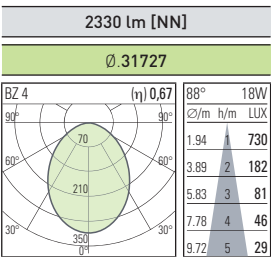
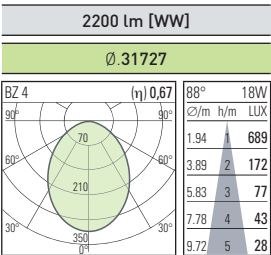
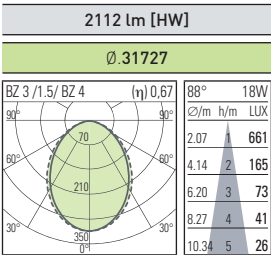
13,5 W
LED



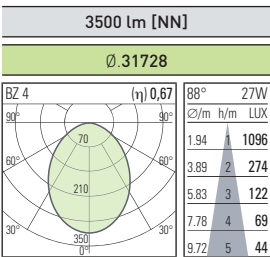
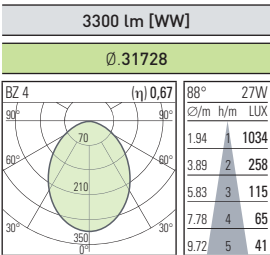
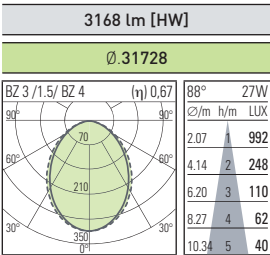


An assembly of LEDs on a stamped linear circuit board with optical elements and thermal and mechanical interfaces.

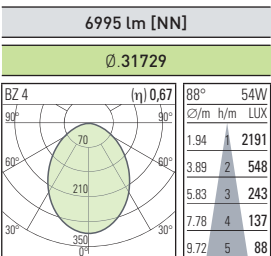
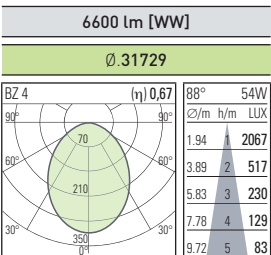
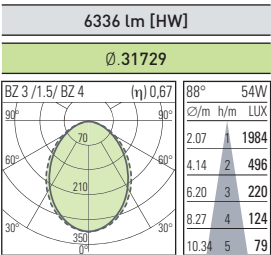
18 W
LED



27 W
LED



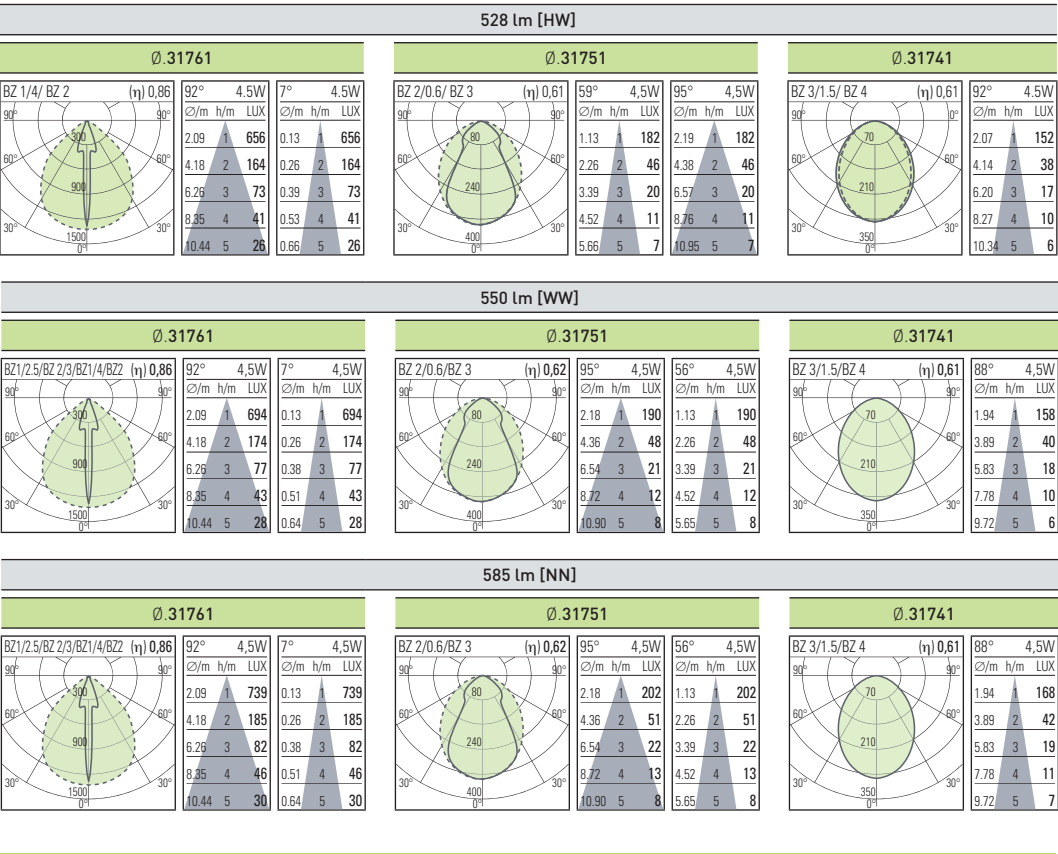
54 W
LED



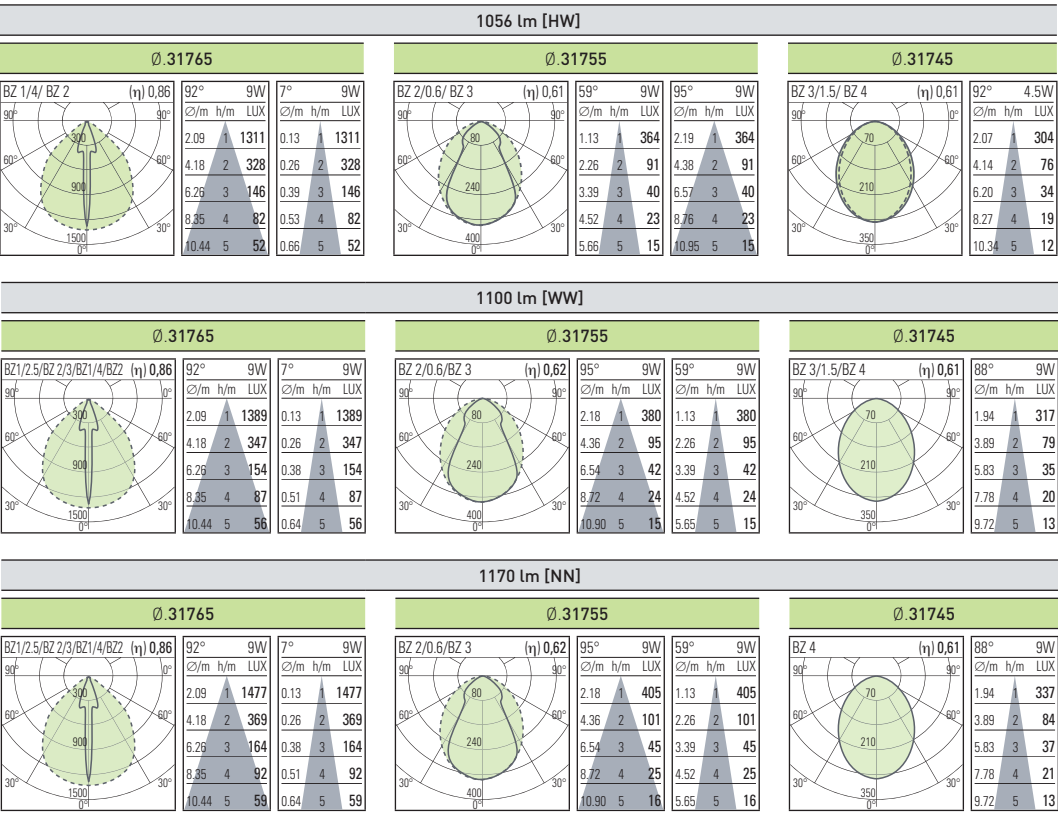


An assembly of LEDs on a stamped linear circuit board with optical elements and thermal and mechanical interfaces.

4,5 W
LED



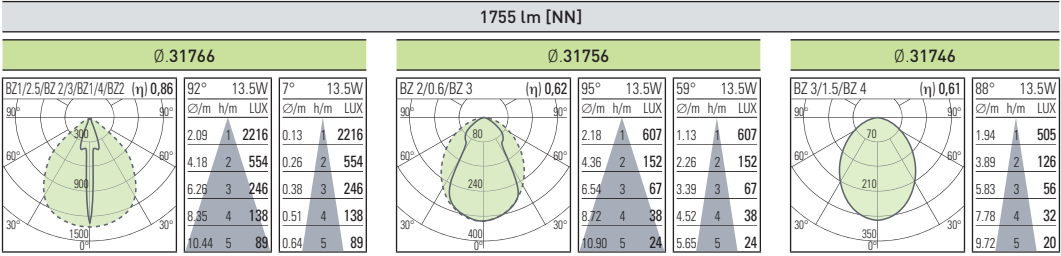
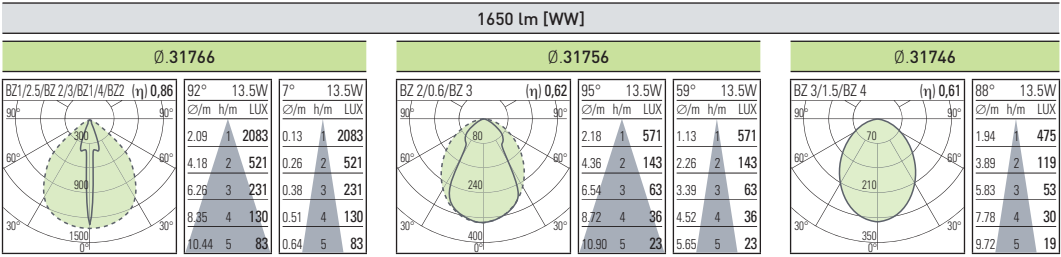
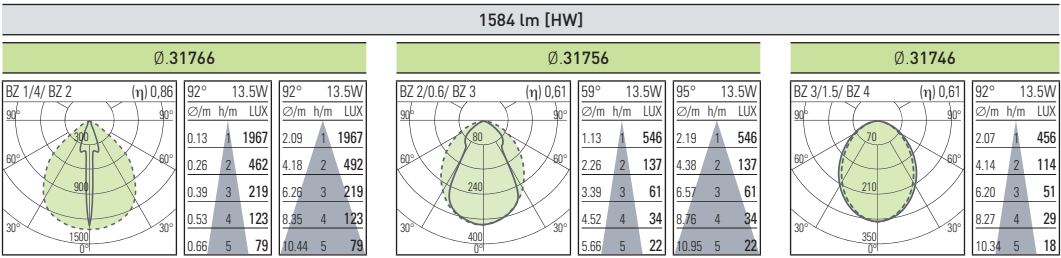
9 W
LED



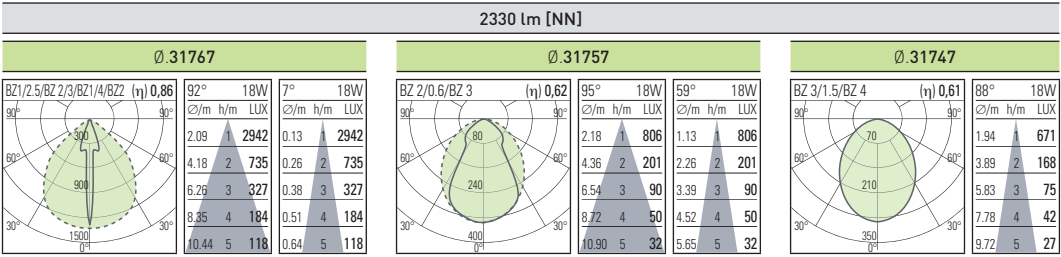
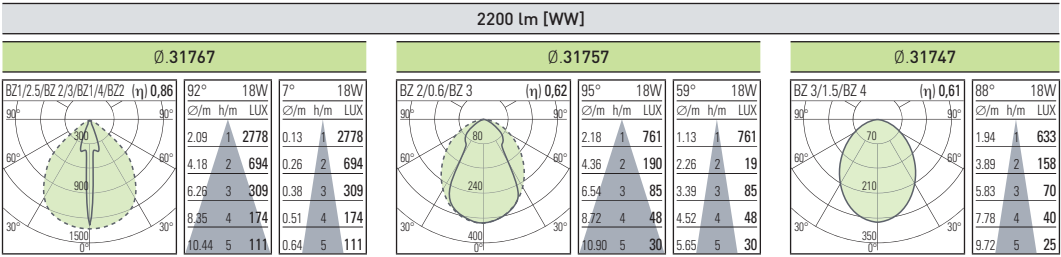
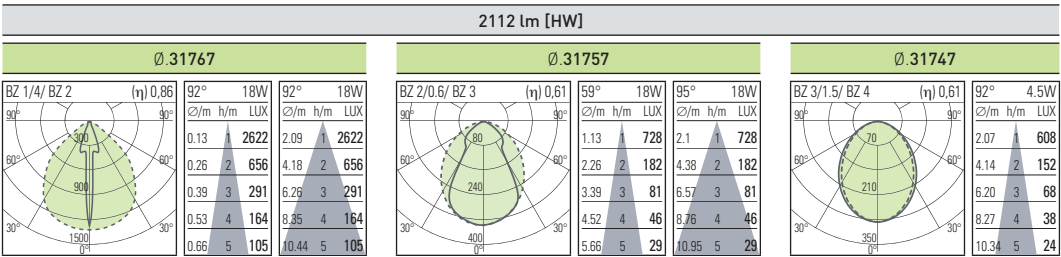


An assembly of LEDs on a stamped linear circuit board with optical elements and thermal and mechanical interfaces.

13,5 W
LED



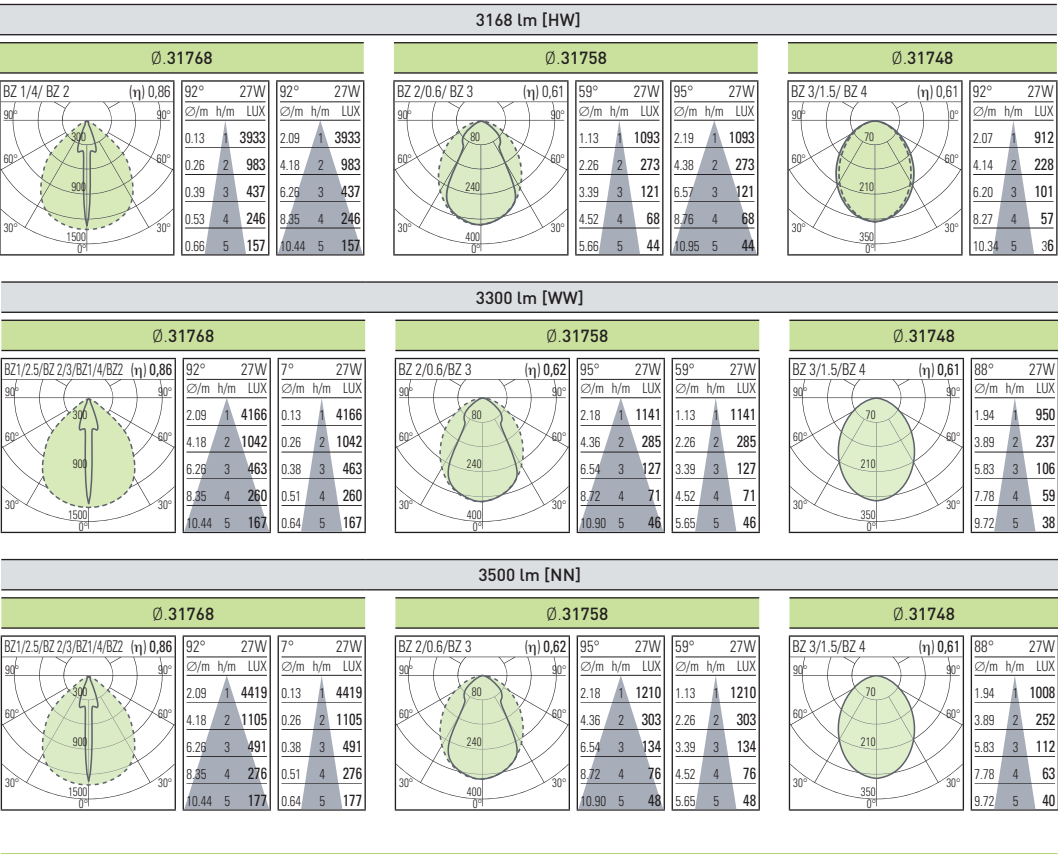
18 W
LED





An assembly of LEDs on a stamped linear circuit board with optical elements and thermal and mechanical interfaces.

27 W
LED

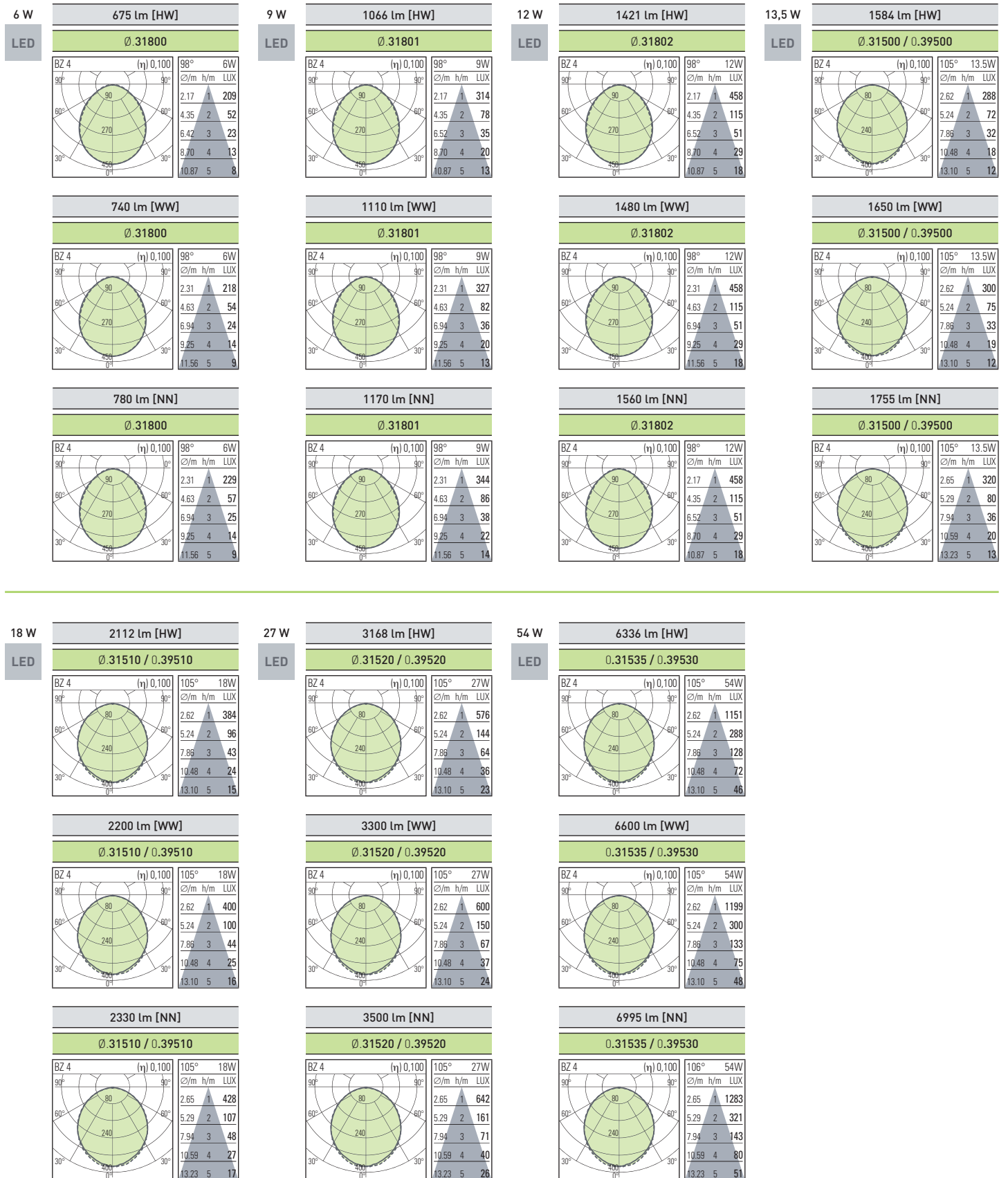


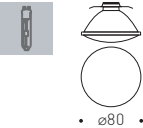
54 W
LED





An assembly of LEDs on a stamped linear circuit board with optical elements and thermal and mechanical interfaces.





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

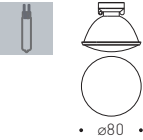
3000 K																								
Ø.23100.00			Ø.23101.00			Ø.23102.00			Ø.23103.00 (Mira)															
	BZ 1	(η) 0,71	14°	20W		BZ 1	(η) 0,82	28°	20W		BZ 1	(η) 0,82	50°	20W		BZ 1	(η) 0,71	61°	20W		BZ 1	(η) 0,71	12°	20W
	Ø/m	h/m	LUX	Ø/m		h/m	LUX	Ø/m	h/m		LUX	Ø/m	h/m	LUX		Ø/m	h/m	LUX						
	0.24	1	12596	0.51		1	3577	0.95	1		1841	1.19	1	2960		0.22	1	2960						
	0.47	2	3149	1.02		2	894	1.90	2		460	2.38	2	740		0.44	2	740						
	0.71	3	1400	1.53		3	397	2.85	3		205	3.56	3	329		0.65	3	329						
	0.95	4	787	2.04	4	224	3.79	4	115	4.75	4	185	0.87	4	185									
	1.18	5	504	2.55	5	143	4.74	5	74	5.94	5	118	1.09	5	118									

35 W
MH
IOS
MH1

3000 K																								
Ø.23100.00			Ø.23101.00			Ø.23102.00			Ø.23103.00 (Mira)															
	BZ 1	(η) 0,71	14°	35W		BZ 1	(η) 0,82	28°	35W		BZ 1	(η) 0,82	50°	35W		BZ 1	(η) 0,71	61°	35W		BZ 1	(η) 0,71	12°	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						
	0.24	1	27292	0.51		1	7749	0.95	1		3990	1.19	1	6411		0.22	1	6411						
	0.47	2	6823	1.02		2	1937	1.90	2		997	2.38	2	1603		0.44	2	1603						
	0.71	3	3032	1.53		3	861	2.85	3		443	3.56	3	712		0.65	3	713						
	0.95	4	1706	2.04	4	484	3.79	4	249	4.75	4	401	0.87	4	401									
	1.18	5	1092	2.55	5	310	4.74	5	160	5.94	5	256	1.09	5	257									

50 W
MH
IOS
MH1

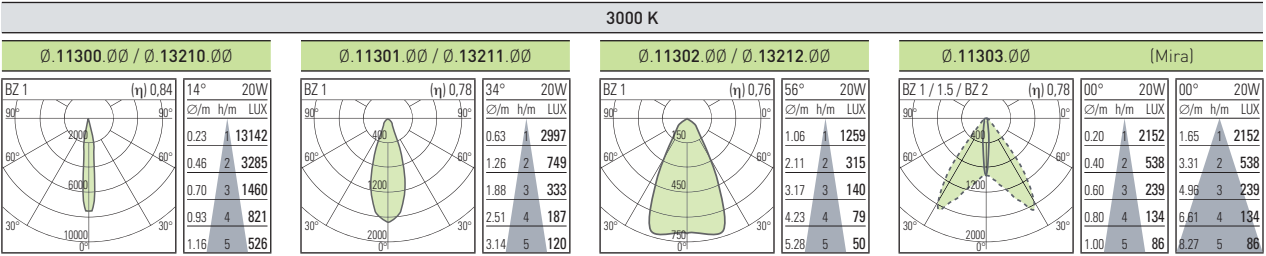
3000 K														
Ø.23100.00			Ø.23101.00			Ø.23102.00			Ø.23103.00 (Mira)					
	BZ 1	(η) 0,66	14°	50W		BZ 1	(η) 0,74	34°	50W		BZ 1	(η) 0,75	54°	50W
	Ø/m	h/m	LUX	Ø/m		h/m	LUX	Ø/m	h/m		LUX			
	0.24	1	28240	0.61		1	7753	1.03	1		4260			
	0.49	2	7060	1.22		2	1938	2.05	2		1065			
	0.73	3	3138	1.83		3	861	3.08	3		473			
	0.98	4	1765	2.44	4	485	4.11	4	266					
	1.22	5	1130	3.05	5	310	5.14	5	170					
	BZ 1	(η) 0,64	61°	50W		BZ 1	(η) 0,64	12°	50W					
	Ø/m	h/m	LUX	Ø/m		h/m	LUX							
	1.19	1	8552	0.22		1	8552							
	2.38	2	2138	0.44		2	2138							
	3.56	3	950	0.65		3	950							
	4.75	4	534	0.87		4	534							
	5.94	5	342	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.

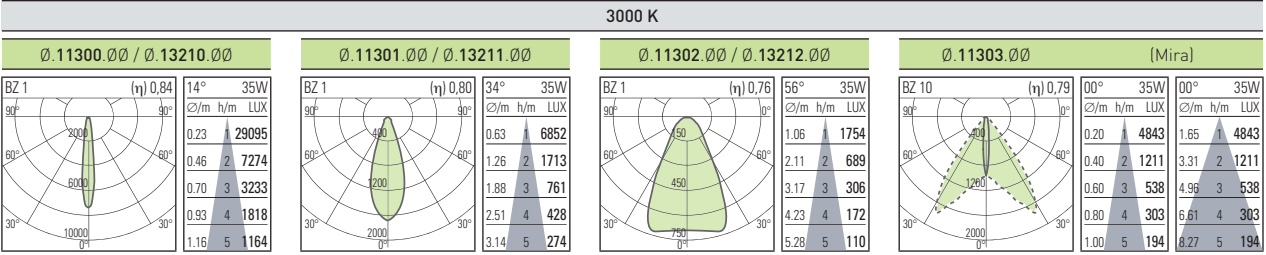
20 W

MH
IOS
MH2



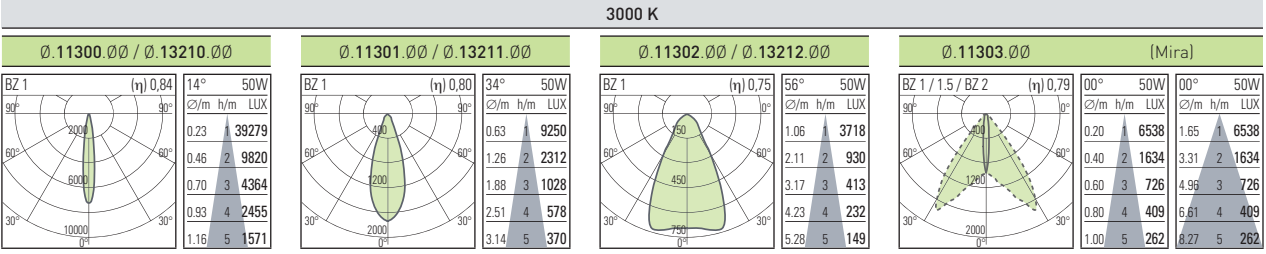
35 W

MH
IOS
MH2



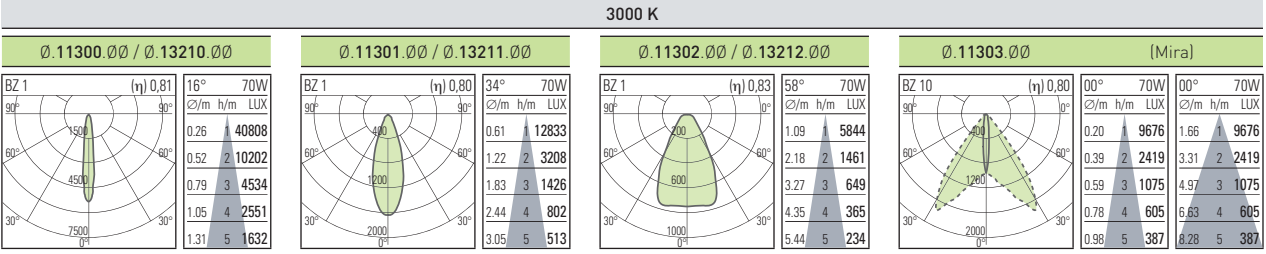
50 W

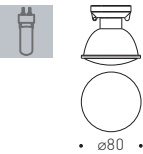
MH
IOS
MH2



70 W

MH
IOS
MH2





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. 11305.00		Ø. 11306.00		Ø. 11307.00		Ø. 11308.00 (Mira)			
BZ 1	(η) 0,75	BZ 1	(η) 0,74	BZ 2	(η) 0,70	BZ 1 / 0.8 / BZ 2	(η) 0,65		
12°	20W	24°	20W	74°	20W				
Ø/m	h/m	Ø/m	h/m	Ø/m	h/m	Ø/m	h/m	Ø/m	h/m
0.22	1 13766	0.41	1 5115	1.52	1 1410	1.07	2 2068	0.18	1 2068
0.45	2 3441	0.81	2 1279	3.04	2 353	2.15	2 517	0.35	2 517
0.67	3 1530	1.22	3 568	4.56	3 157	3.22	3 230	0.53	3 230
0.90	4 860	1.62	4 320	6.08	4 88	4.30	4 129	0.70	4 129
1.12	5 551	2.03	5 205	7.60	5 56	5.37	5 83	0.88	5 83

35 W
MH
IOS
MH3

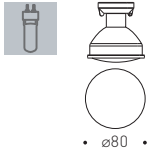
3000 K									
Ø. 11305.00		Ø. 11306.00		Ø. 11307.00		Ø. 11308.00 (Mira)			
BZ 1	(η) 0,76	BZ 1	(η) 0,75	BZ 2	(η) 0,68	BZ 1 / 0.6 / BZ 2	(η) 0,61		
12°	35W	22°	35W	74°	35W				
Ø/m	h/m	Ø/m	h/m	Ø/m	h/m	Ø/m	h/m	Ø/m	h/m
0.22	1 30730	0.41	1 11545	1.52	1 1410	1.18	2 3254	0.26	1 3254
0.45	2 7682	0.81	2 2886	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
MH3

3000 K									
Ø. 11305.00		Ø. 11306.00		Ø. 11307.00		Ø. 11308.00 (Mira)			
BZ 1	(η) 0,76	BZ 1	(η) 0,75	BZ 2	(η) 0,68	BZ 1 / 1 / BZ 2	(η) 0,61		
12°	50W	24°	50W	74°	50W				
Ø/m	h/m	Ø/m	h/m	Ø/m	h/m	Ø/m	h/m	Ø/m	h/m
0.22	1 41485	0.41	1 15586	1.52	1 1904	1.17	2 4378	0.27	1 4378
0.45	2 10371	0.81	2 3897	3.04	2 476	2.35	2 1094	0.54	2 1094
0.67	3 4609	1.22	3 1732	4.56	3 212	3.52	3 486	0.81	3 486
0.90	4 2593	1.62	4 974	6.08	4 119	4.70	4 274	1.08	4 274
1.12	5 1659	2.03	5 623	7.60	5 76	5.87	5 175	1.35	5 175

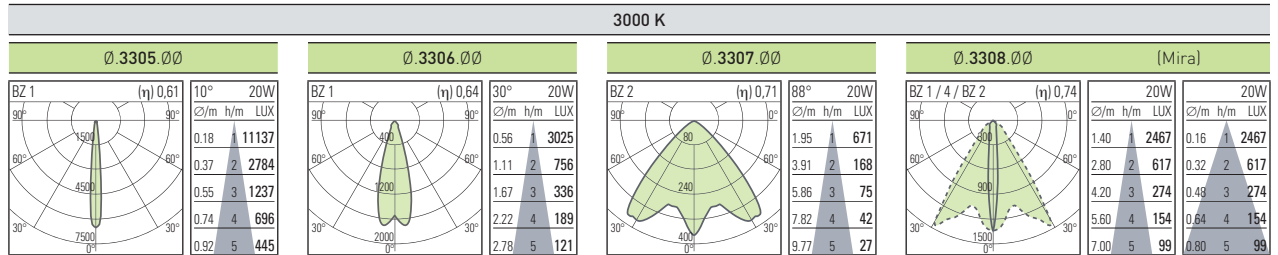
70 W
MH
IOS
MH3

3000 K									
Ø. 11305.00		Ø. 11306.00		Ø. 11307.00		Ø. 11308.00 (Mira)			
BZ 1	(η) 0,75	BZ 1	(η) 0,71	BZ 2	(η) 0,76	BZ 1 / 1 / BZ 2	(η) 0,61		
14°	70W	24°	70W	78°	70W				
Ø/m	h/m	Ø/m	h/m	Ø/m	h/m	Ø/m	h/m	Ø/m	h/m
0.26	1 40335	0.43	1 17842	1.62	3 172	1.22	2 6595	0.23	1 6595
0.52	2 10084	0.85	2 4460	3.24	2 793	2.44	2 1649	0.46	2 1649
0.79	3 4482	1.28	3 1982	4.86	3 352	3.66	3 733	0.69	3 733
1.05	4 2521	1.70	4 1115	6.48	4 198	4.88	4 412	0.92	4 412
1.31	5 1631	2.13	5 714	8.11	5 127	6.11	5 264	1.15	5 264

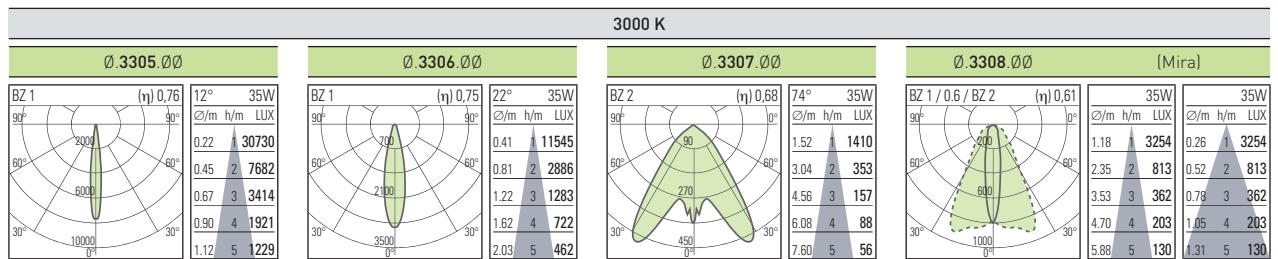


99.99% pure aluminium IOS reflector with Ø 80 mm, twist-lock fixing system and tempered safety glass (clear for narrow beams, microsphere for medium and wide beams, prismatic for the Wall Washer Mira version).
There are also versions with selective filters for lighting foodstuffs or coloured dichroic filters.

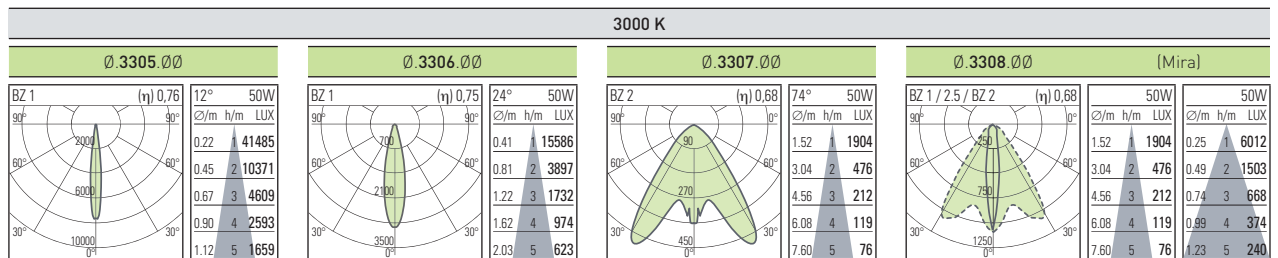
20 W

MH
IOS
MH4

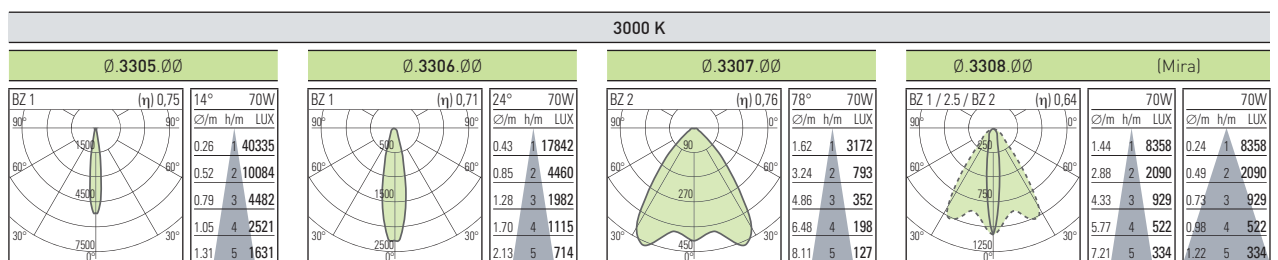
35 W

MH
IOS
MH4

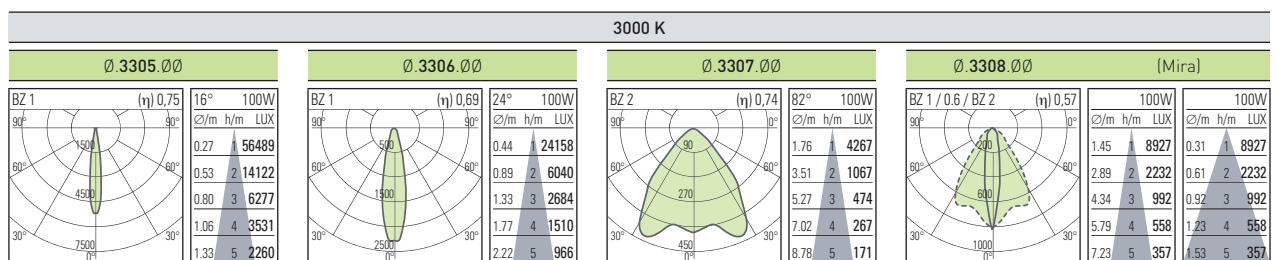
50 W

MH
IOS
MH4

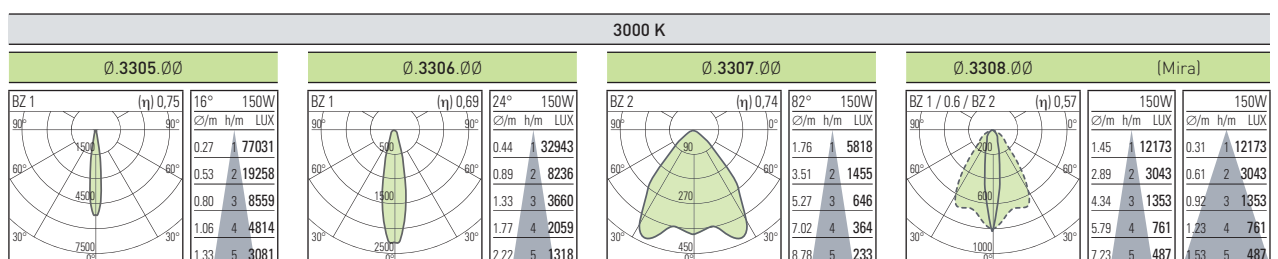
70 W

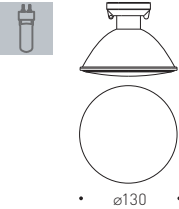
MH
IOS
MH4

100 W

MH
IOS
MH4

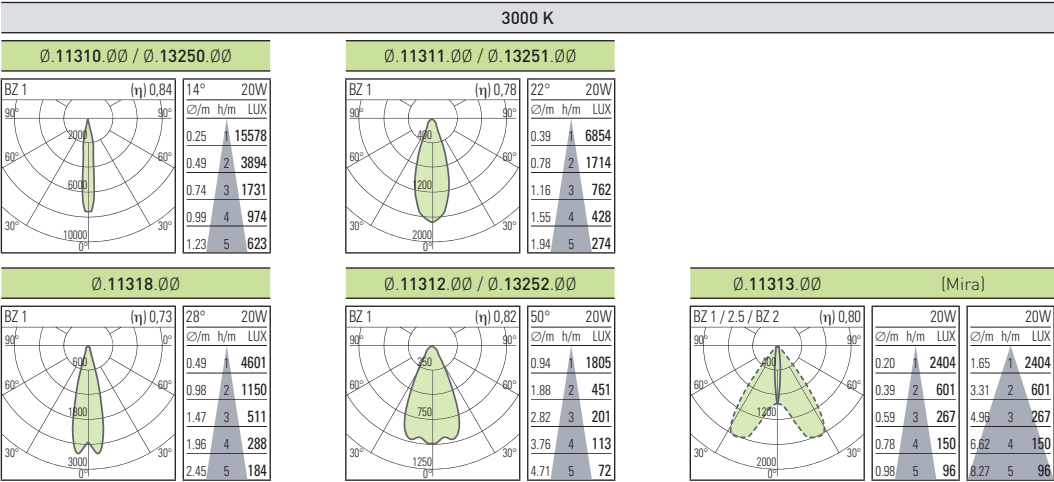
150 W

MH
IOS
MH4

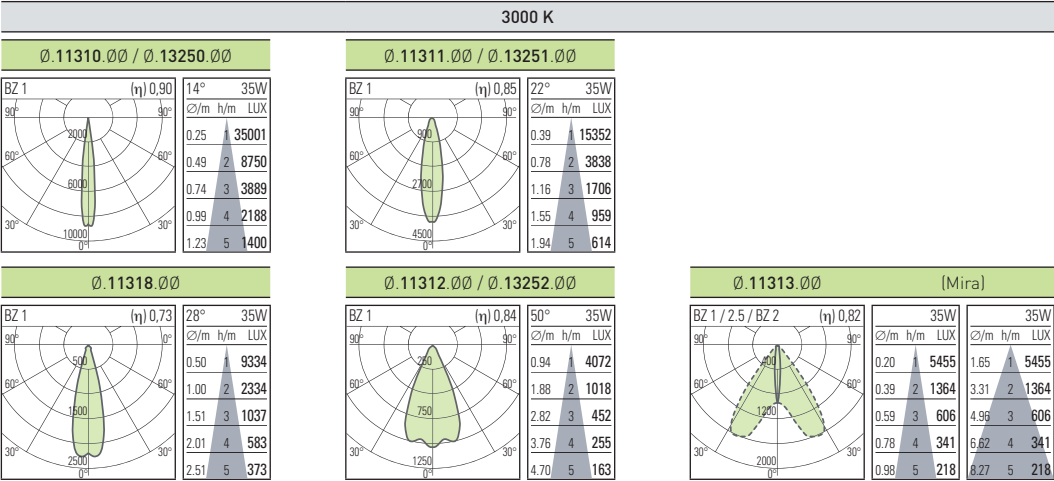


99.99% pure aluminium IOS reflector with Ø 130 mm, twist-lock fixing system and tempered safety glass (clear for narrow beams, microsphere for medium and wide beams, prismatic for the Wall Washer Mira version). There are also versions with selective filters for lighting foodstuffs or coloured dichroic filters.

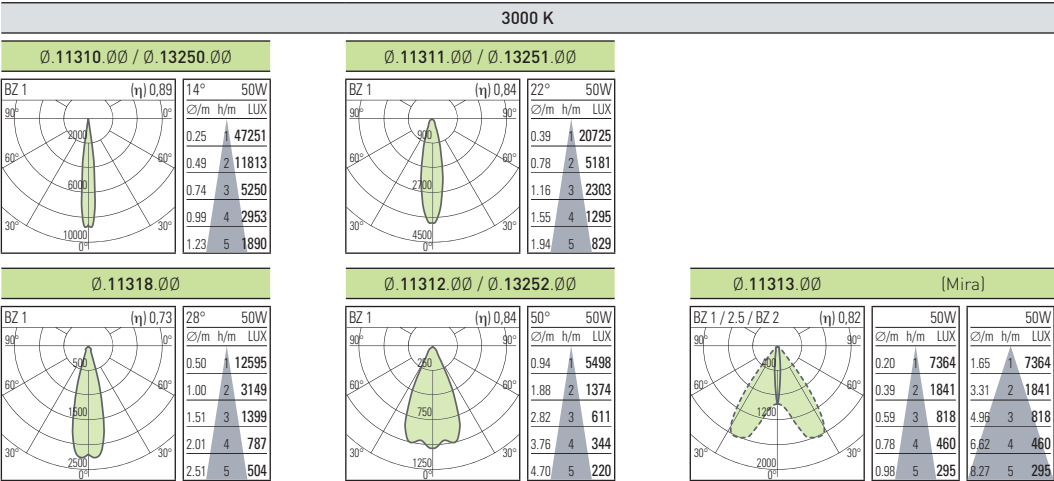
20 W
MH
IOS
MH5



35 W
MH
IOS
MH5



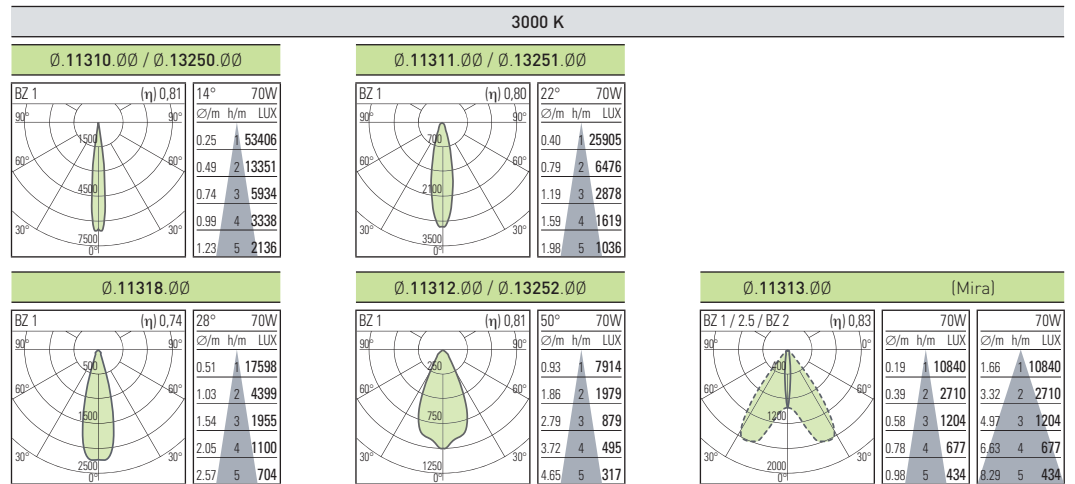
50 W
MH
IOS
MH5



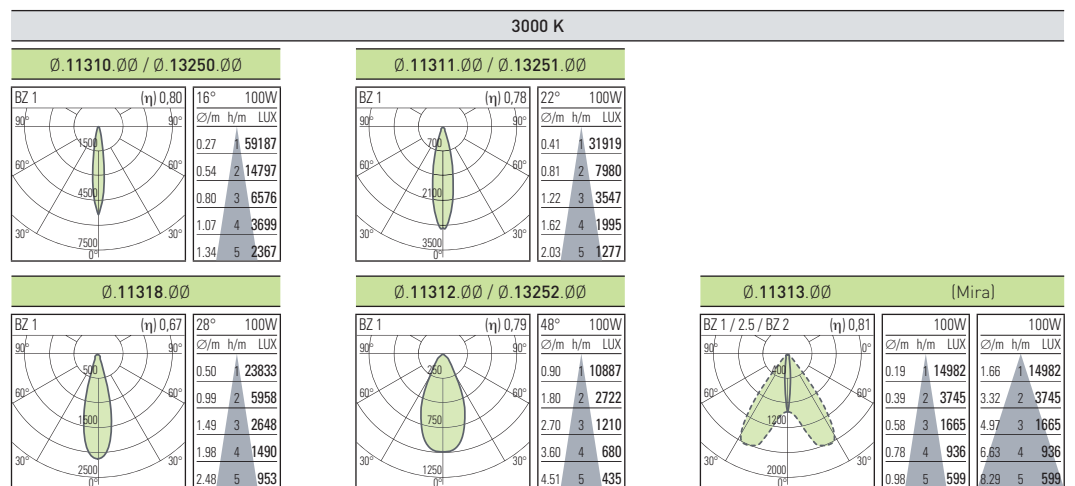


99.99% pure aluminium IOS reflector with Ø 130 mm, twist-lock fixing system and tempered safety glass (clear for narrow beams, microsphere for medium and wide beams, prismatic for the Wall Washer Mira version). There are also versions with selective filters for lighting foodstuffs or coloured dichroic filters.

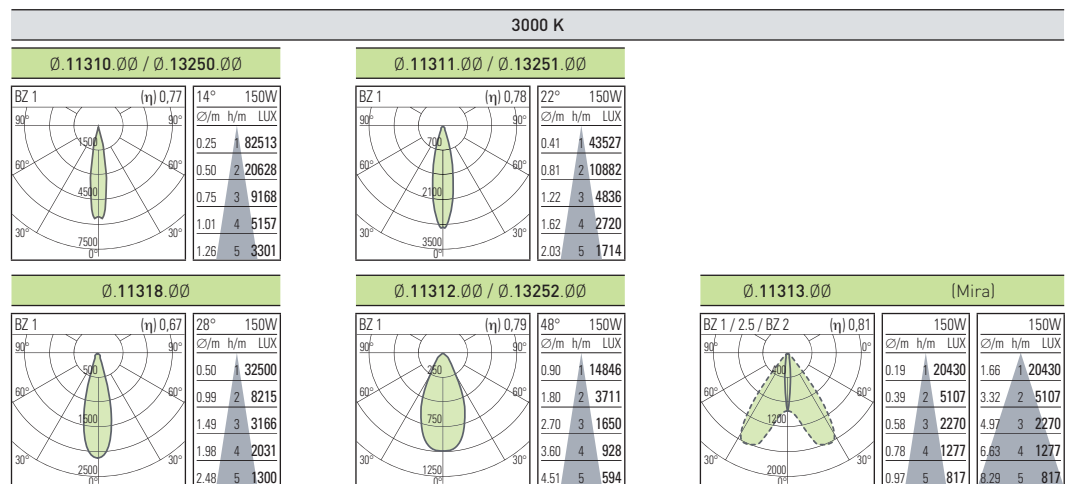
70 W

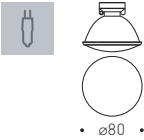
MH
IOS
MH5

100 W

MH
IOS
MH5

150 W

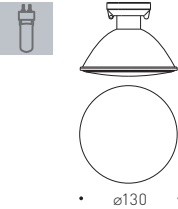
MH
IOS
MH5



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.

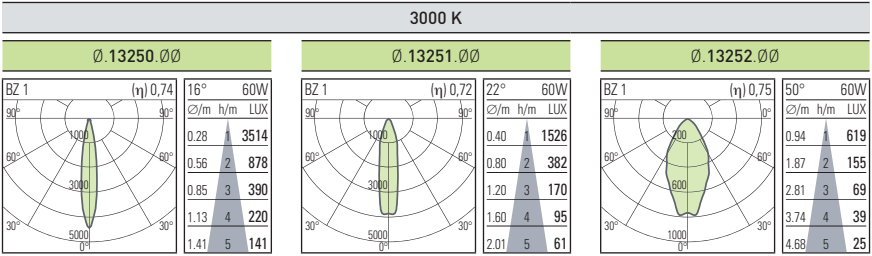
50 W / 12V	3000 K																																																																																					
	Ø.11300.00	Ø.11301.00	Ø.11302.00																																																																																			
	<table><tr><td>BZ 1</td><td>(η) 0,80</td><td>18°</td><td>50W</td></tr><tr><td>Ø/m</td><td>h/m</td><td>LUX</td><td></td></tr><tr><td>0.31</td><td>1</td><td>4218</td><td></td></tr><tr><td>0.61</td><td>2</td><td>1055</td><td></td></tr><tr><td>1.22</td><td>3</td><td>469</td><td></td></tr><tr><td>0.93</td><td>4</td><td>264</td><td></td></tr><tr><td>1.53</td><td>5</td><td>169</td><td></td></tr></table>	BZ 1	(η) 0,80	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		<table><tr><td>BZ 1</td><td>(η) 0,81</td><td>24°</td><td>50W</td></tr><tr><td>Ø/m</td><td>h/m</td><td>LUX</td><td></td></tr><tr><td>0.41</td><td>1</td><td>2538</td><td></td></tr><tr><td>0.82</td><td>2</td><td>634</td><td></td></tr><tr><td>1.24</td><td>3</td><td>282</td><td></td></tr><tr><td>1.65</td><td>4</td><td>159</td><td></td></tr><tr><td>2.06</td><td>5</td><td>102</td><td></td></tr></table>	BZ 1	(η) 0,81	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		<table><tr><td>BZ 1</td><td>(η) 0,81</td><td>30°</td><td>50W</td></tr><tr><td>Ø/m</td><td>h/m</td><td>LUX</td><td></td></tr><tr><td>0.55</td><td>1</td><td>2089</td><td></td></tr><tr><td>1.10</td><td>2</td><td>522</td><td></td></tr><tr><td>1.64</td><td>3</td><td>232</td><td></td></tr><tr><td>2.19</td><td>4</td><td>131</td><td></td></tr><tr><td>2.74</td><td>5</td><td>84</td><td></td></tr></table>	BZ 1	(η) 0,81	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
BZ 1	(η) 0,80	18°	50W																																																																																			
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50 W / 24V	3000 K																																																																																					
	Ø.11300.00	Ø.11301.00	Ø.11302.00																																																																																			
	<table><tr><td>BZ 1</td><td>(η) 0,87</td><td>12°</td><td>50W</td></tr><tr><td>Ø/m</td><td>h/m</td><td>LUX</td><td></td></tr><tr><td>0.22</td><td>1</td><td>22134</td><td></td></tr><tr><td>0.43</td><td>2</td><td>5534</td><td></td></tr><tr><td>0.65</td><td>3</td><td>2459</td><td></td></tr><tr><td>0.87</td><td>4</td><td>1383</td><td></td></tr><tr><td>1.09</td><td>5</td><td>885</td><td></td></tr></table>	BZ 1	(η) 0,87	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		<table><tr><td>BZ 1</td><td>(η) 0,85</td><td>34°</td><td>50W</td></tr><tr><td>Ø/m</td><td>h/m</td><td>LUX</td><td></td></tr><tr><td>0.61</td><td>1</td><td>5811</td><td></td></tr><tr><td>1.21</td><td>2</td><td>1453</td><td></td></tr><tr><td>1.82</td><td>3</td><td>646</td><td></td></tr><tr><td>2.45</td><td>4</td><td>363</td><td></td></tr><tr><td>3.03</td><td>5</td><td>232</td><td></td></tr></table>	BZ 1	(η) 0,85	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		<table><tr><td>BZ 1</td><td>(η) 0,85</td><td>40°</td><td>50W</td></tr><tr><td>Ø/m</td><td>h/m</td><td>LUX</td><td></td></tr><tr><td>0.71</td><td>1</td><td>4180</td><td></td></tr><tr><td>1.43</td><td>2</td><td>1045</td><td></td></tr><tr><td>2.14</td><td>3</td><td>464</td><td></td></tr><tr><td>2.86</td><td>4</td><td>261</td><td></td></tr><tr><td>3.57</td><td>5</td><td>167</td><td></td></tr></table>	BZ 1	(η) 0,85	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
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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																																																																																				
BZ 1	(η) 0,85	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																																																																																				

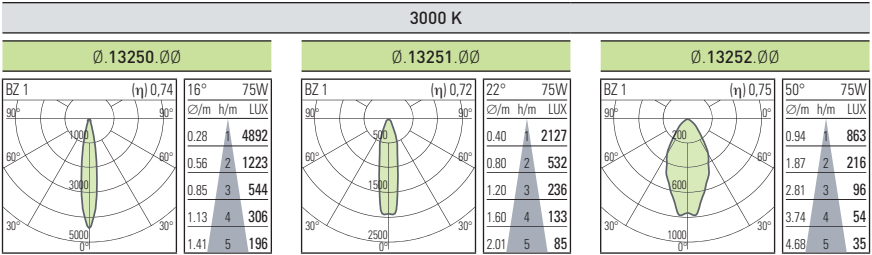


99.99% pure aluminium IOS reflector with Ø 130 mm, twist-lock fixing system and tempered safety glass (clear for narrow beams, microsphere for medium and wide beams, prismatic for the Wall Washer Mira version). There are also versions with selective filters for lighting foodstuffs or coloured dichroic filters.

60 W
HALO
IOS
HL5



75 W
HALO
IOS
HL5



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B535	458	BC0B0	57	CB6R	298	DA43	362
B537	458	BC0C0	57	CB82	390	DB1R	637
B539	459	BC0E0	58	CB93	430	DB1T	636
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B7090	566	BD92	87	CC27	399	DC1R	437
B882	252	BD93	87	CC29	400	DC0A0	60
B883	252	BD95	87	CC4R	653	DC0B0	61
B885	252	BD97	88	CC53	513	DC0C0	61
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B907	420	BE2H	158	CC0B0	57	DD95	93
B908	421	BE2N	158	CC0C0	57	DD97	94
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BA45	230	C513	152	CD65	494	DE2E	162
BA47	230	C515	152	CD67	494	DE2H	161
BA48	230	C517	153	CD68	495	DE2M	161
BB13	632	C533	460	CD92	90	DE2N	161
BB15	632	C535	460	CD93	90	DE2P	162
BB17	632	C537	460	CD95	90	DE2Q	162
BB18	633	C539	461	CD97	91	DE32	280
BB23	414	C773	528	CD0N	172	DF3D0	128
BB25	414	C775	528	CE110	452	DF3G0	128
BB42	288	C783	674	CE2C	159	F882	480
BB52	284	C785	674	CE2E	160	F883	480
BB6T	298	C883	253	CE2H	159	F885	480
BB93	292	C885	253	CE2M	159	F887	481
BB95	292	C903	422	CE2N	159	FA43	363
BB97	292	C905	422	CE2P	160	FB1R	637
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BC17	436	C908	423	CF3D0	128	FB1U	636
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BC4R	652	CB17	634	D773	524	FC0B0	61
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GB80	624	LD95	105	TD93	70	0. 14023.00	424
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Ø. 23032.00	415	Ø.11194.00	239	Ø.11475.00	302	Ø.12144.00	402
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Ø.14036.00	424	Ø.17165.00	303	Ø.17335.00	307	Ø.17756.00	248
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Ø.14097.EV	425	Ø.17215.00	304	Ø.17385.00	311	Ø.19518.00	373
Ø.14098.EV	425	Ø.17210.00	304	Ø.17380.00	311	Ø.19510.00	373
Ø.14099.EV	425	Ø.17221.00	306	Ø.17395.00	311	Ø.19521.00	373
Ø.16411.00	319	Ø.17225.00	306	Ø.17396.EV	311	Ø.19522.00	373
Ø.16412.00	319	Ø.17226.00	306	Ø.17390.00	311	Ø.19523.00	373
Ø.16414.00	320	Ø.17220.00	306	Ø.17300.00	312	Ø.19520.00	373
Ø.16415.00	320	Ø.17231.00	308	Ø.17415.00	309	Ø.19541.00	378
Ø.16410.00	319	Ø.17235.00	308	Ø.17425.00	309	Ø.19542.00	378
Ø.16401.00	318	Ø.17236.00	308	Ø.17426.EV	309	Ø.19543.00	378

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0.19544.00	377	0.19710.00	231	0.19869.00	381	0.10542.00	267
0.19545.00	377	0.19722.00	231	0.19871.00	381	0.10544.00	267
0.19546.00	377	0.19724.00	231	0.19872.00	381	0.10546.00	267
0.19547.00	377	0.19720.00	231	0.19876.00	380	0.10540.00	267
0.19540.00	378	0.19736.00	231	0.19878.00	380	0.10612.00	266
0.19552.00	378	0.19738.00	231	0.19879.00	380	0.10614.00	266
0.19553.00	378	0.19742.00	231	0.19870.00	381	0.10616.00	266
0.19555.00	378	0.19744.00	231	0.19881.00	380	0.10618.00	266
0.19556.00	378	0.19740.00	231	0.19882.00	380	0.10610.00	266
0.19557.00	378	0.19756.00	231	0.19883.00	380	0.10622.00	266
0.19558.00	378	0.19758.00	231	0.19884.00	380	0.10624.00	266
0.19550.00	378	0.19762.00	231	0.19886.00	380	0.10620.00	266
0.19561.00	378	0.19764.00	231	0.19887.00	380	0.10654.00	266
0.19562.00	378	0.19766.EV	231	0.19888.00	380	0.10656.00	266
0.19563.00	378	0.19768.EV	231	0.19889.00	380	0.10658.00	266
0.19565.00	378	0.19760.00	231	0.19891.00	380	0.10602.00	266
0.19568.00	378	0.19772.EV	231	0.19890.00	380	0.10604.00	266
0.19560.00	378	0.19770.EV	231	0.19890.00	380	0.10606.00	266
0.19570.00	383	0.19784.EV	231	0.19802.00	375	0.10608.00	266
0.19635.00	373	0.19790.00	232	0.19804.00	375	0.10099.00	233
0.19637.00	373	0.19706.00	231	0.19805.00	375	0.10001.00	242
0.19638.00	373	0.19708.00	231	0.19807.00	375	0.10002.00	269
0.19641.00	373	0.19812.00	375	0.19808.00	375	0.10003.00	233
0.19642.00	373	0.19813.00	375	0.19809.00	375	0.10004.00	271
0.19643.00	373	0.19814.00	375	0.19994.00	381	0.10000.00	242
0.19645.00	373	0.19815.00	375	0.19996.00	381	0.21161.00	611
0.19646.00	373	0.19810.00	375	0.19999.00	381	0.21163.00	611
0.19647.00	373	0.19821.00	375	0.10116.00	268	0.21160.00	611
0.19648.00	373	0.19823.00	375	0.10118.00	268	0.21101.00	611
0.19640.00	373	0.19824.00	375	0.10151.00	269	0.21103.00	611
0.19652.00	377	0.19826.00	375	0.10214.00	267	0.21100.00	611
0.19653.00	377	0.19827.00	375	0.10216.EV	267	0.21461.00	612
0.19655.00	377	0.19828.00	375	0.10218.00	267	0.21463.00	612
0.19656.00	377	0.19829.00	375	0.10210.00	267	0.21460.00	612
0.19657.00	377	0.19831.00	375	0.10235.00	270	0.21401.00	612
0.19658.00	377	0.19832.00	375	0.10256.00	267	0.21403.00	612
0.19650.00	377	0.19833.00	375	0.10258.00	267	0.21400.00	612
0.19661.00	377	0.19834.00	375	0.10268.00	267	0.21551.00	612
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0.19663.00	377	0.19858.00	381	0.10272.00	267	0.21550.00	612
0.19665.00	377	0.19859.00	381	0.10274.EV	267	0.21612.00	612
0.19668.00	377	0.19861.00	381	0.10276.EV	267	0.21610.00	612
0.19660.00	377	0.19862.00	381	0.10278.EV	267	0.21649.00	613
0.19670.00	383	0.19863.00	381	0.10270.00	267	0.21656.00	613
0.19712.00	231	0.19864.00	381	0.10282.00	267	0.21650.00	613
0.19713.00	231	0.19866.00	381	0.10284.00	267	0.21663.00	613
0.19716.00	231	0.19867.00	381	0.10280.00	267	0.21609.00	612
0.19718.00	231	0.19868.00	381	0.10302.00	268	0.21721.00	393

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0.21741.00	393	0.23362.00	515	0.23604.00	446	0.24214.00	496
0.21742.00	393	0.23363.00	515	0.23605.00	446	0.24221.00	496
0.21743.00	393	0.23364.00	515	0.23751.00	446	0.24222.00	496
0.21761.00	392	0.23301.00	512	0.23753.00	446	0.24223.00	496
0.21762.00	392	0.23302.00	512	0.23701.00	445	0.24224.00	496
0.21763.00	392	0.23303.00	512	0.23703.00	445	0.24231.00	496
0.21785.00	392	0.23304.00	512	0.23990.00	385	0.24232.00	496
0.21780.00	392	0.23306.00	512	0.23013.00	415	0.24233.00	496
0.21795.00	392	0.23307.00	512	0.23015.00	415	0.24251.00	496
0.21790.00	392	0.23411.00	512	0.23016.00	415	0.24253.00	496
0.21701.00	393	0.23412.00	512	0.23019.00	415	0.24254.00	496
0.21702.00	393	0.23413.00	512	0.23025.00	415	0.24255.00	496
0.21703.00	393	0.23416.00	515	0.23026.00	415	0.24261.00	496
0.21704.00	393	0.23417.00	515	0.23020.00	415	0.24262.00	496
0.22110.00	133	0.23418.00	515	0.23031.00	415	0.24263.00	496
0.22120.00	133	0.23511.00	444	0.23033.00	415	0.24264.00	496
0.22130.00	133	0.23512.00	444	0.23034.00	415	0.24265.00	496
0.22140.00	133	0.23513.00	444	0.23036.00	416	0.24271.00	496
0.22150.00	133	0.23551.00	444	0.23037.00	416	0.24272.00	496
0.22100.00	133	0.23553.00	444	0.23042.00	416	0.24273.00	496
0.22211.00	438	0.23554.00	444	0.23043.00	416	0.24274.00	496
0.22212.00	438	0.23556.00	444	0.23001.00	415	0.24275.00	496
0.22221.00	438	0.23557.00	444	0.23002.00	415	0.24281.00	496
0.22222.00	438	0.23558.00	444	0.23003.00	415	0.24282.00	496
0.22223.00	438	0.23559.00	444	0.23007.00	415	0.24283.00	496
0.22231.00	438	0.23561.00	444	0.23008.00	415	0.24284.00	496
0.22232.00	438	0.23562.00	444	0.23009.00	415	0.24285.00	496
0.22232.00	438	0.23563.00	444	0.24111.00	499	0.24201.00	496
0.22201.00	438	0.23564.00	444	0.24112.00	499	0.24202.00	496
0.22202.00	438	0.23501.00	444	0.24113.00	499	0.24203.00	496
0.22203.00	438	0.23502.00	444	0.24114.00	499	0.24204.00	496
0.22204.00	438	0.23503.00	444	0.24115.00	499	0.24351.00	506
0.23101.00	116	0.23504.00	444	0.24121.00	499	0.24352.00	506
0.23102.00	116	0.23506.00	444	0.24122.00	499	0.24353.00	506
0.23103.00	116	0.23507.00	444	0.24123.00	499	0.24354.00	506
0.23100.00	116	0.23509.00	444	0.24124.00	499	0.24361.00	506
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0.23312.00	512	0.23612.00	446	0.24131.00	499	0.24364.00	506
0.23313.00	512	0.23613.00	446	0.24132.00	499	0.24371.00	506
0.23351.00	515	0.23614.00	446	0.24133.00	499	0.24372.00	506
0.23352.00	515	0.23615.00	446	0.24134.00	499	0.24373.00	506
0.23353.00	515	0.23621.00	446	0.24135.00	499	0.24374.00	506
0.23354.00	515	0.23622.00	446	0.24101.00	499	0.24381.00	506
0.23356.00	515	0.23623.00	446	0.24103.00	499	0.24382.00	506
0.23357.00	515	0.23624.00	446	0.24104.00	499	0.24383.00	506
0.23358.00	515	0.23625.00	446	0.24105.00	499	0.24051.00	499
0.23359.00	515	0.23601.00	446	0.24211.00	496	0.24052.00	499

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0.24053.00	499	0.25314.00	77	0.25648.00	92	0.25743.00	89
0.24054.00	499	0.25316.00	86	0.25649.00	92	0.25744.00	89
0.24061.00	499	0.25317.00	86	0.25651.00	101	0.25746.00	92
0.24062.00	499	0.25318.00	86	0.25652.00	101	0.25747.00	92
0.24064.00	499	0.25319.00	86	0.25653.00	101	0.25748.00	92
0.24071.00	499	0.25321.00	77	0.25654.00	101	0.25749.00	92
0.24072.00	499	0.25322.00	77	0.25656.00	104	0.25751.00	101
0.24073.00	499	0.25323.00	77	0.25657.00	104	0.25752.00	101
0.24074.00	499	0.25324.00	77	0.25658.00	104	0.25753.00	101
0.24081.00	499	0.25331.00	77	0.25659.00	104	0.25754.00	101
0.24082.00	499	0.25332.00	77	0.25661.00	95	0.25756.00	104
0.24083.00	499	0.25333.00	77	0.25662.00	95	0.25757.00	104
0.25115.00	86	0.25334.00	77	0.25663.00	95	0.25758.00	104
0.25116.00	86	0.25306.00	86	0.25664.00	95	0.25759.00	104
0.25125.00	83	0.25307.00	86	0.25666.00	98	0.25811.00	124
0.25126.00	83	0.25308.00	86	0.25667.00	98	0.25851.00	118
0.25151.00	72	0.25309.00	86	0.25668.00	98	0.25851.00	120
0.25152.00	72	0.25417.00	118	0.25669.00	98	0.25852.00	118
0.25156.00	83	0.25410.00	118	0.25671.00	107	0.25853.00	119
0.25157.00	83	0.25431.00	119	0.25672.00	107	0.25854.00	119
0.25158.00	83	0.25432.00	118	0.25673.00	107	0.25855.00	119
0.25159.00	83	0.25433.00	124	0.25674.00	107	0.25856.00	120
0.25150.00	72	0.25435.00	115	0.25676.00	110	0.25857.00	120
0.25171.00	77	0.25430.00	124	0.25677.00	110	0.25858.00	121
0.25172.00	77	0.25441.00	115	0.25678.00	110	0.25859.00	121
0.25176.00	83	0.25443.00	115	0.25679.00	110	0.25850.00	118
0.25177.00	83	0.25444.00	115	0.25601.00	89	0.25850.00	120
0.25178.00	83	0.25440.00	115	0.25602.00	89	0.25862.00	122
0.25179.00	83	0.25401.00	118	0.25606.00	92	0.25860.00	121
0.25170.00	77	0.25402.00	124	0.25607.00	92	0.25871.00	119
0.25191.00	80	0.25611.00	101	0.25721.00	95	0.25872.00	119
0.25192.00	80	0.25612.00	101	0.25722.00	95	0.25874.00	118
0.25190.00	80	0.25616.00	104	0.25723.00	95	0.25875.00	125
0.25251.00	72	0.25617.00	104	0.25724.00	95	0.25876.00	125
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0.25264.00	72	0.25636.00	110	0.25733.00	107	0.25801.00	118
0.25271.00	72	0.25637.00	110	0.25734.00	107	0.25041.00	80
0.25272.00	72	0.25641.00	89	0.25736.00	110	0.25042.00	80
0.25273.00	72	0.25642.00	89	0.25737.00	110	0.25043.00	80
0.25274.00	72	0.25643.00	89	0.25738.00	110	0.25044.00	80
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0.25312.00	77	0.25646.00	92	0.25741.00	89	0.25047.00	80
0.25313.00	77	0.25647.00	92	0.25742.00	89	0.25048.00	80

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0.25049.00	80	0.20153.00	379	0.20352.00	432	0.20711.00	490
0.25051.00	80	0.20154.00	379	0.20353.00	432	0.20712.00	490
0.25052.00	80	0.20155.00	379	0.20301.00	431	0.20713.00	490
0.25053.00	80	0.20156.00	379	0.20302.00	431	0.20710.00	490
0.25054.00	80	0.20150.00	379	0.20303.00	431	0.20721.00	488
0.25000	600	0.20163.00	379	0.20412.00	293	0.20722.00	488
0.27022.00	336	0.20164.00	379	0.20414.00	293	0.20723.00	488
0.27024.00	336	0.20168.00	383	0.20416.00	293	0.20725.00	488
0.27026.00	336	0.20160.00	379	0.20418.00	293	0.20726.00	488
0.27028.00	336	0.20182.00	376	0.20422.00	293	0.20727.00	488
0.27020.00	336	0.20183.00	376	0.20424.00	293	0.20720.00	488
0.27032.00	336	0.20186.00	376	0.20426.00	293	0.20731.00	488
0.27034.00	336	0.20187.00	376	0.20428.00	293	0.20732.00	488
0.27036.00	336	0.20188.00	376	0.20432.00	293	0.20733.00	488
0.27038.00	336	0.20189.00	376	0.20434.00	293	0.20730.00	488
0.27030.00	336	0.20180.00	376	0.20436.00	293	0.20741.00	489
0.29471.00	410	0.20192.00	376	0.20440.00	294	0.20742.00	489
0.29472.00	410	0.20193.00	376	0.20452.00	294	0.20743.00	489
0.29473.00	410	0.20194.00	376	0.20454.00	294	0.20745.00	489
0.29474.00	410	0.20195.00	376	0.20456.00	294	0.20746.00	489
0.29476.00	410	0.20222.00	382	0.20495.00	490	0.20747.00	489
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0.29478.00	410	0.20224.00	382	0.20497.00	490	0.20751.00	489
0.29479.00	410	0.20226.00	382	0.20402.00	293	0.20752.00	489
0.29481.00	410	0.20227.00	382	0.20404.00	293	0.20753.00	489
0.29482.00	410	0.20228.00	382	0.20406.00	293	0.20750.00	489
0.29483.00	410	0.20229.00	382	0.20408.00	293	0.20701.00	490
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0.29501.00	411	0.20232.00	382	0.20546.00	488	0.20703.00	490
0.29500.00	411	0.20233.00	382	0.20547.00	488	0.20705.00	490
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0.20116.00	374	0.20236.00	382	0.20556.00	488	0.20700.00	490
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0.20118.00	374	0.20253.00	382	0.20550.00	488	0.20854.00	610
0.20119.00	374	0.20254.00	382	0.20585.00	489	0.20855.00	610
0.20110.00	374	0.20258.00	384	0.20586.00	489	0.20801.00	610
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0.20125.00	374	0.20321.00	431	0.20596.00	489	0.20016.00	384
0.20142.00	379	0.20322.00	431	0.20597.00	489	0.20010.00	384
0.20143.00	379	0.20323.00	431	0.20590.00	489	0.20001.00	380
0.20144.00	379	0.20331.00	431	0.20501.00	490	0.20004.00	380
0.20146.00	379	0.20332.00	431	0.20505.00	490	0.20005.00	380
0.20148.00	379	0.20333.00	431	0.20506.00	490	0.31450.NN	191
0.20140.00	379	0.20340.00	432	0.20507.00	490	0.31450.WW	191
0.20152.00	379	0.20351.00	432	0.20500.00	490	0.31460.NN	191

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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		850° 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				

