

Design **Fabio Reggiani**



Lindro is a surface mounted projector with two shapes: modern square and classic round and two sizes. The high degree of protection (**IP66**) combined with LED technology means Lindro can withstand harsh outdoor weather conditions (from -20° to 35°C) or particular indoor settings that require a high degree of protection.

The larger size houses four LED LUCE LL4 elements with interchangeable optics and each one independent; the smaller size houses a single LED LUCE LL2, also with interchangeable optics.

The excellent quality and efficiency of LED LUCE and

the flexibility of the lighting design brought about by the distinct interchangeable optics (6 light beams from $2 \times 8^{\circ}$ to $2 \times 37^{\circ}$) make this luminaire suitable for general or accent lighting in small and/or large spaces, with standard and/or exceptional heights.

A version with asymmetric optics including LED LUCE LL5 completes the range, enabling design continuity in projects where distinctive Wall Washer lighting is required.

Lindro can be attached to a practical mobile bracket (available separately) for adjustment, making it extremely versatile to light

buildings, swimming pools, gyms, transport stations, shopping centres, museums and churches.





Body

The structure of the lighting body in die-cast aluminium includes efficient heat sinks for optimum heat dissipation, guaranteeing optimal operating temperature for drivers and LEDs.

Optical system

Structure and independent optics or with wall washer optics, in anti-static metallised polycarbonate with scratch resistant protective coating.

Safety shield

Extra-light, tempered safety glass; resistant to temperature and mechanical shock (IK 07).

LED LUCE system

Consisting of metallised polycarbonate reflector (including light collimator for symmetric beams) and polycarbonate safety shield (clear for very narrow light beams; satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version).

Interchangeable optics

Lindro can change the width of the light beam (narrow, medium, wide and Wall Washer Mira) using the LL4/LL2 interchangeable optics with twist lock fixing system; easy to replace with a simple twist.

Control gear technologies

Constant current driver.
Luminous flux adjusted with dimmer, 0-10 V DC (for LED LUCE LL4 version).
Luminous flux adjusted with standard dimmer (for LL2 and LL5 LED LUCE version).

Emergency packs for exterior installation available on request.

Installation

Surface mounted; loop-in/loop-out facility with pre-wired power supply cable for cascade connection.

Standard finishes

- 26 black-graphite
- 27 white gloss
- 28 metallised grey

Loop-in/loop-out facility for cascade connection



LED LUCE LL4
Four independent interchangeable optics with "Comfort" reflector



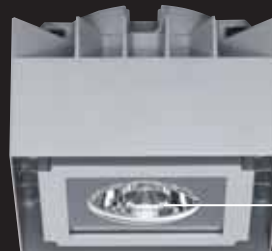
LED LUCE LL5
Optics for asymmetric light distribution (Wall Washer)



Heat sink for optimum heat dissipation



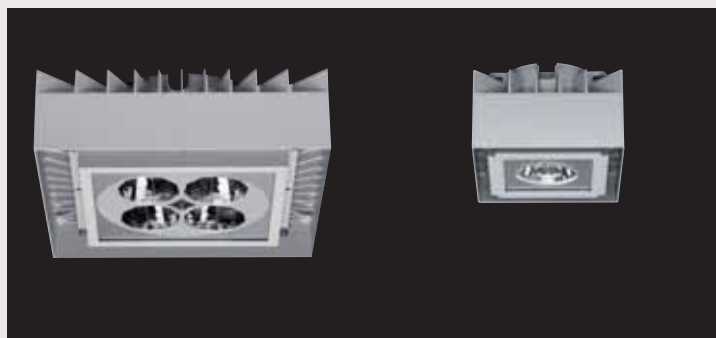
Extra-light, tempered safety glass; resistant to temperature and mechanical shock (IK 07)



LED LUCE LL2
Interchangeable optics

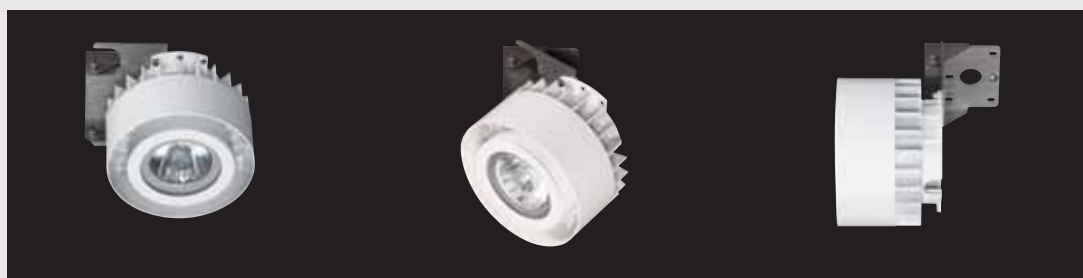


LED LUCE is the new Reggiani lighting system with high-power LED technology (16 watts, 850 lm, CRI 90, 3000 K). LED LUCE has an excellent white colour, 50,000-hour lifetime, low consumption, immediate switch-on even at very low temperatures, and is environmentally friendly and maintenance-free, making it an excellent alternative to traditional light sources.



LINDRO can be attached to a practical mobile bracket (available separately) for adjustment, making it extremely versatile.

AISI 316 stainless steel bracket for ceiling, wall or ground installation.



Surface mounted projector (IP66)

Body: die-cast aluminium.

Optical system: structure and independent interchangeable optics (**LL2 / LL4**) or with Wall Washer optics in anti-static metallised polycarbonate with scratch resistant protective coating.

Safety shield: extra-light, tempered safety glass; resistant to temperature and mechanical shock (IK 07).

Installation: surface mounted; loop-in/loop-out facility with pre-wired power supply cable for cascade connection.

Control technologies housed in body: constant current driver.

Glow wire: =>850° - in compliance with standard IEC EN 60598-1:2008 Annex ZC (13.3).

Standard finishes: **26** black graphite **27** white gloss **28** metallised grey

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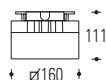


Plug and Play: luminaire with symmetric light distribution complete with LED LUCE LL2 and driver

Light source: LED LUCE (16W, 850lm, 3000K, CRI 90) **Total power consumption:** LED LUCE + driver = 18W

Luminous flux adjusted with standard dimmer. Example: Triac leading edge phase cut dimmer for incandescent lamps or electronic trailing edge phase cut dimmer for low voltage lamps.

Accessories: (see page 73) • 0.35049.00 / 0.35050.00 / 0.35051.00 / 0.35052.00 / 0.35053.00 / 0.35054.00 (IOS) Interchangeable optical system
• 0.35300.00 Mounting bracket to allow 0 to 90° adjustment of the projector



LL2 - Six beam widths:
very narrow, narrow, medium, wide and Wall Washer Mira.
80 mm Ø IOS reflector made from metallised polycarbonate (with light collimator for symmetric beams).
Polycarbonate safety shield: clear, satin and satin/prismatic for the Wall Washer Mira version.

IP 66



| | Control gear | Watt | (η) Efficacy | ∧ ° |
|------------|--------------|------|-----------------|------------------|
| 0.30460.00 | driver | 1x16 | 0.89 | 2x 6° |
| 0.30461.00 | driver | 1x16 | 0.85 | 2x 9° |
| 0.30462.00 | driver | 1x16 | 0.85 | 2x12° |
| 0.30463.00 | driver | 1x16 | 0.80 | 2x16° |
| 0.30464.00 | driver | 1x16 | 0.79 | 2x27° |
| 0.30465.00 | driver | 1x16 | 0.66 | Wall Washer Mira |



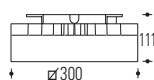
Plug and Play: luminaire with symmetric light distribution complete with LED LUCE LL5 and driver

Light source: LED LUCE (2x16W, 1700lm, 3000K, CRI 90)

Total power consumption: LED LUCE + driver = 36W

Luminous flux adjusted with standard dimmer. Example: Triac leading edge phase cut dimmer for incandescent lamps or electronic trailing edge phase cut dimmer for low voltage lamps.

Accessories: (see page 73) • 0.35300.00 Mounting bracket to allow 0 to 90° adjustment of the projector



LL5
Wall Washer optics for asymmetric light distribution 2x16W made from metallised polycarbonate with scratch resistant protective coating.

IP 66

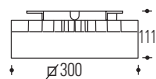


| | Control gear | Watt | ∧ ° |
|------------|--------------|------|------------|
| 0.30570.00 | driver | 2x16 | asymmetric |



Plug and Play: luminaire with symmetric light distribution complete with LED LUCE LL4 and driver
Light source: LED LUCE (4x16W, 3400lm, 3000K, CRI 90)
Total power consumption: LED LUCE + driver = 68.8W
 Driver with provision for dimming (1-10V DC)

Accessories: (see page 73) • 0.35060.00 / 0.35061.00 / 0.35062.00 / 0.35063.00 / 0.35064.00 / 0.35065.00 (IOS) Interchangeable optical system
 • 0.35300.00 Mounting bracket to allow 0 to 90° adjustment of the projector • 0.35067.00 Integral satin shield



LL4
 Set of four optics in six different beam widths: very narrow, narrow, medium, medium/wide, wide and Wall Washer Mira.
 70 mm Ø IOS reflector made from metallised polycarbonate (including light collimator for very narrow, narrow, medium and medium/wide beams).
 Polycarbonate safety shield: clear, satin and satin/prismatic for the Wall Washer Mira version.

IP 66



| | Control gear | | | Watt | (η) Efficacy | ∠° |
|------------|--------------|----------|------------|------|-----------------|------------------|
| 0.30560.00 | driver | dimnable | (1-10V DC) | 4x16 | 0.83 | 2x 8° |
| 0.30561.00 | driver | dimnable | (1-10V DC) | 4x16 | 0.78 | 2x12° |
| 0.30562.00 | driver | dimnable | (1-10V DC) | 4x16 | 0.78 | 2x17° |
| 0.30563.00 | driver | dimnable | (1-10V DC) | 4x16 | 0.75 | 2x25° |
| 0.30564.00 | driver | dimnable | (1-10V DC) | 4x16 | 0.82 | 2x37° |
| 0.30565.00 | driver | dimnable | (1-10V DC) | 4x16 | 0.66 | Wall Washer Mira |



Plug and Play: luminaire with symmetric light distribution complete with LED LUCE LL4 and driver
Light source: LED LUCE (4x16W, 3400lm, 3000K, CRI 90)
Total power consumption: LED LUCE + driver = 72W

Accessories: (see page 73) • 0.35060.00 / 0.35061.00 / 0.35062.00 / 0.35063.00 / 0.35064.00 / 0.35065.00 (IOS) Interchangeable optical system
 • 0.35300.00 Mounting bracket to allow 0 to 90° adjustment of the projector • 0.35067.00 Integral satin shield

IP 66



| | Control gear | | | Watt | (η) Efficacy | ∠° |
|------------|--------------|--------------|--|------|-----------------|------------------|
| 0.30635.00 | driver | not dimmable | | 4x16 | 0.83 | 2x 8° |
| 0.30636.00 | driver | not dimmable | | 4x16 | 0.78 | 2x12° |
| 0.30637.00 | driver | not dimmable | | 4x16 | 0.78 | 2x17° |
| 0.30638.00 | driver | not dimmable | | 4x16 | 0.75 | 2x25° |
| 0.30639.00 | driver | not dimmable | | 4x16 | 0.82 | 2x37° |
| 0.30640.00 | driver | not dimmable | | 4x16 | 0.66 | Wall Washer Mira |

ACCESSORIES

Interchangeable optical system to be purchased in order to change the width of the light beam.



| | ∠° | ○ Shield finish |
|------------|--------|-----------------|
| 0.35050.00 | 2x 6° | 00 Clear |
| 0.35049.00 | 2x 9° | 00 Satin |
| 0.35051.00 | 2x 12° | 00 Satin |
| 0.35052.00 | 2x 16° | 00 Satin |
| 0.35053.00 | 2x 27° | 00 Satin |



| | ∠° | ○ Shield finish |
|------------|---------|-----------------|
| 0.35060.00 | 2x 8°* | 00 Clear |
| 0.35061.00 | 2x 12°* | 00 Satin |
| 0.35062.00 | 2x 17°* | 00 Satin |
| 0.35063.00 | 2x 25°* | 00 Satin |
| 0.35064.00 | 2x 37°* | 00 Satin |

* The light beam figure refers to the four LL4 optics



Mounting bracket to allow 0 to 90° adjustment of the projector

| | Finish |
|------------|--------------------|
| 0.35300.00 | 00 Stainless steel |



Integral satin shield to position on the optics structure to soften the light beam

| | Finish |
|------------|--------|
| 0.35067.00 | 00 |

Surface mounted projector (IP66)

Body: die-cast aluminium.

Optical system: structure and independent interchangeable optics (**LL2 / LL4**) or with Wall Washer optics in anti-static metallised polycarbonate with scratch resistant protective coating.

Safety shield: extra-light, tempered safety glass; resistant to temperature and mechanical shock (IK 07).

Installation: surface mounted; loop-in/loop-out facility with pre-wired power supply cable for cascade connection.

Control technologies housed in body: constant current driver.

Glow wire: =>850° - in compliance with standard IEC EN 60598-1:2008 Annex ZC (13.3).

Standard finishes: **26** black graphite **27** white gloss **28** metallised grey

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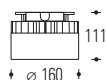


Plug and Play: luminaire with symmetric light distribution complete with LED LUCE LL2 and driver

Light source: LED LUCE (16W, 850lm, 3000K, CRI 90) **Total power consumption:** LED LUCE + driver = 18W

Luminous flux adjusted with standard dimmer. Example: Triac leading edge phase cut dimmer for incandescent lamps or electronic trailing edge phase cut dimmer for low voltage lamps.

Accessories: (see page 75) • 0.35049.00 / 0.35050.00 / 0.35051.00 / 0.35052.00 / 0.35053.00 / 0.35054.00 (IOS) Interchangeable optical system
• 0.35300.00 Mounting bracket to allow 0 to 90° adjustment of the projector



LL2 - Six beam widths:
very narrow, narrow, medium, wide and Wall Washer Mira.
80 mm Ø IOS reflector made from metallised polycarbonate (with light collimator for symmetric beams).
Polycarbonate safety shield: clear, satin and satin/prismatic for the Wall Washer Mira version.

IP 66



| | Control gear | Watt | (η) Efficacy | ∧ ° |
|------------|--------------|------|-----------------|------------------|
| 0.30160.00 | driver | 1x16 | 0.89 | 2x 6° |
| 0.30161.00 | driver | 1x16 | 0.85 | 2x 9° |
| 0.30162.00 | driver | 1x16 | 0.85 | 2x12° |
| 0.30163.00 | driver | 1x16 | 0.80 | 2x16° |
| 0.30164.00 | driver | 1x16 | 0.79 | 2x27° |
| 0.30165.00 | driver | 1x16 | 0.66 | Wall Washer Mira |



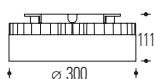
Plug and Play: luminaire with symmetric light distribution complete with LED LUCE LL5 and driver

Light source: LED LUCE (2x16W, 1700lm, 3000K, CRI 90)

Total power consumption: LED LUCE + driver = 36W

Luminous flux adjusted with standard dimmer. Example: Triac leading edge phase cut dimmer for incandescent lamps or electronic trailing edge phase cut dimmer for low voltage lamps.

Accessories: (see page 75) • 0.35300.00 Mounting bracket to allow 0 to 90° adjustment of the projector



LL5
Wall Washer optics for asymmetric light distribution 2x16W made from metallised polycarbonate with scratch resistant protective coating.

IP 66

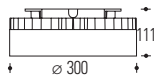


| | Control gear | Watt | ∧ ° |
|------------|--------------|------|------------|
| 0.30310.00 | driver | 2x16 | asymmetric |



Plug and Play: luminaire with symmetric light distribution complete with LED LUCE LL4 and driver
Light source: LED LUCE (4x16W, 3400lm, 3000K, CRI 90)
Total power consumption: LED LUCE + driver = 68.8W
 Driver with provision for dimming (1-10V DC)

Accessories: (see page 75) • 0.35060.00 / 0.35061.00 / 0.35062.00 / 0.35063.00 / 0.35064.00 / 0.35065.00 (IOS) Interchangeable optical system
 • 0.35300.00 Mounting bracket to allow 0 to 90° adjustment of the projector • 0.35067.00 Integral satin shield



LL4
 Set of four optics in six different beam widths: very narrow, narrow, medium, medium/wide, wide and Wall Washer Mira.
 70 mm Ø IOS reflector made from metallised polycarbonate (including light collimator for very narrow, narrow, medium and medium/wide beams).
 Polycarbonate safety shield: clear, satin and satin/prismatic for the Wall Washer Mira version.

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| | Control gear | | | Watt | (η) Efficacy | ∠° |
|------------|--------------|----------|------------|------|-----------------|------------------|
| 0.30300.00 | driver | dimnable | (1-10V DC) | 4x16 | 0.83 | 2x 8° |
| 0.30301.00 | driver | dimnable | (1-10V DC) | 4x16 | 0.78 | 2x12° |
| 0.30302.00 | driver | dimnable | (1-10V DC) | 4x16 | 0.78 | 2x17° |
| 0.30303.00 | driver | dimnable | (1-10V DC) | 4x16 | 0.75 | 2x25° |
| 0.30304.00 | driver | dimnable | (1-10V DC) | 4x16 | 0.82 | 2x37° |
| 0.30305.00 | driver | dimnable | (1-10V DC) | 4x16 | 0.66 | Wall Washer Mira |



Plug and Play: luminaire with symmetric light distribution complete with LED LUCE LL4 + driver
Light source: LED LUCE (4x16W, 3400lm, 3000K, CRI 90)
Total power consumption: LED LUCE + driver = 72W

Accessories: (see page 75) • 0.35060.00 / 0.35061.00 / 0.35062.00 / 0.35063.00 / 0.35064.00 / 0.35065.00 (IOS) Interchangeable optical system
 • 0.35300.00 Mounting bracket to allow 0 to 90° adjustment of the projector • 0.35067.00 Integral satin shield

IP 66



| | Control gear | | | Watt | (η) Efficacy | ∠° |
|------------|--------------|--------------|--|------|-----------------|------------------|
| 0.30320.00 | driver | not dimmable | | 4x16 | 0.83 | 2x 8° |
| 0.30321.00 | driver | not dimmable | | 4x16 | 0.78 | 2x12° |
| 0.30322.00 | driver | not dimmable | | 4x16 | 0.78 | 2x17° |
| 0.30323.00 | driver | not dimmable | | 4x16 | 0.75 | 2x25° |
| 0.30324.00 | driver | not dimmable | | 4x16 | 0.82 | 2x37° |
| 0.30325.00 | driver | not dimmable | | 4x16 | 0.66 | Wall Washer Mira |

ACCESSORIES

Interchangeable optical system to be purchased in order to change the width of the light beam.



| | ∠° | ○ Shield finish |
|------------|--------|-----------------|
| 0.35050.00 | 2x 6° | 00 Clear |
| 0.35049.00 | 2x 9° | 00 Satin |
| 0.35051.00 | 2x 12° | 00 Satin |
| 0.35052.00 | 2x 16° | 00 Satin |
| 0.35053.00 | 2x 27° | 00 Satin |



| | ∠° | ○ Shield finish |
|------------|---------|-----------------|
| 0.35060.00 | 2x 8°* | 00 Clear |
| 0.35061.00 | 2x 12°* | 00 Satin |
| 0.35062.00 | 2x 17°* | 00 Satin |
| 0.35063.00 | 2x 25°* | 00 Satin |
| 0.35064.00 | 2x 37°* | 00 Satin |

* The light beam figure refers to the four LL4 optics



Mounting bracket to allow 0 to 90° adjustment of the projector

| | Finish |
|------------|--------------------|
| 0.35300.00 | 00 Stainless steel |



Integral satin shield to position on the optics structure to soften the light beam

| | Finish |
|------------|--------|
| 0.35067.00 | 00 |