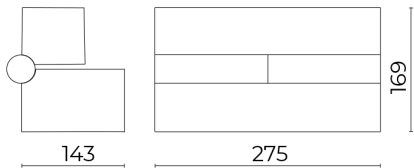


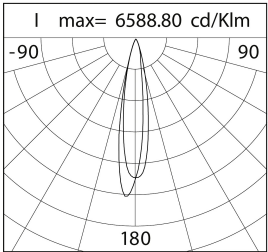


General Features

- Description: LED fitting for lighting façades, paths and urban spaces
- Insulation class: Class II
- Rated voltage: 220-240 V 50/60 Hz
- Protection Grade: IP66
- Impact protection: IK07
- Surge protection device: integrated 2kV-4kV
- Power Factor: > 0.95
- Ambient temperature Ta: -30°C +50°C
- Weight: 4.5 kg
- Max exposed surface: 0.04 m²
- Lateral exposed surface: 0.015 m²
- Common mode surge protection: 2 kV
- Overvoltage protection differential mode: 4 kV
- Driver: included
- Marks and Certifications: CE



GRA 18



see Accessories

Performance Data*

| | |
|-----------------------|----------|
| Source flow: | 1620 lm |
| Source power: | 16 W |
| Source efficiency: | 101 lm/W |
| Device flow: | 1230 lm |
| Device power: | 18 W |
| Appliance efficiency: | 68 lm/W |

Optical System

| |
|--|
| Source: 5 LED |
| Color Temperature: 2700 K |
| Color Rendering Index (CRI): ≥ 80 |
| Chromatic consistency (SDCM): ≤ 3 |
| Type of optics: M 18° Medium beam |
| Optical group life: >60.000 h @ Ta 25°C L80B10 |
| Photobiological safety class: EXEMPT GROUP |
| ULOR: 0% |
| DLOR: 100% |

Normative References

| |
|---|
| EN60598-1 / EN60598-2-3 / EN61547 / EN62471 / EN55015 / EN61000-3-2 / EN61000-3-3 |
|---|

Installation and maintenance

| |
|--|
| Installation: wall, ceiling, ground |
| Tilt: -90° +130° continuously adjustable |
| Ø power cable: 7 ÷ 13 mm |
| Cable Gland: M20 |
| Power supply compartment: independent from the optical group |

Flow adjustment

| | |
|--------------|---------------|
| DALI control | Standard X |
|--------------|---------------|

Materials

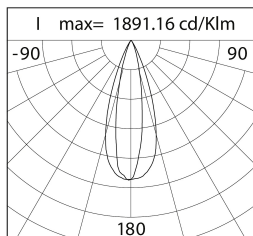
| |
|--|
| Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%) |
| Screen: tempered flat glass 4 mm |
| Lenses: high-transparency PMMA |
| Seals: anti-age silicone |
| Screws: stainless steel AISI 304 |
| Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance |

Colors

| | |
|--|--------------------------------|
|  Corten | Code: 06K11C01208C6UJHL |
|--|--------------------------------|

Complements

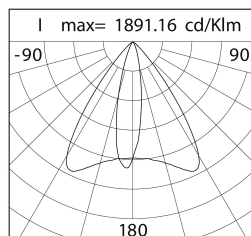
GRA 30x18



06KI901X0

Kit converter medium beam 30°x18°

GRA 60x18



06KI902X0

Kit converter wide beam 60°x18°



06KI911X0

Wall Spacer

NOTES

*Performance data

The values indicated in this data sheet are nominal values with a tolerance of +/-7%.

Source flux and source efficiency data refer to the LED module without optics; in case you are interested in the performance of the LED module complete with optical system, you must multiply the data reported by the factor 0.9.

General Data

The characteristics of the product listed may be subject to change and must be confirmed when ordering.

In order to promote constant updating of its products, Cariboni Group reserves the right to make changes without prior notice.