



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: IK09

Surge protection device: integrated 10kV-10kA

Power Factor: > 0.95

Ambient temperature Ta: -30°C +50°C

Weight: 6 kg

Max exposed surface: 0.119 m²

Lateral exposed surface: 0.026 m²

Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Drivers: included

Marks and Certifications: CE / ENEC (pending)



| H (m) | Ø (m) | Em (lux) |
|-------|-------|----------|
| 1 | 0.6 | 6332 |
| 2 | 1.2 | 1583 |
| 3 | 1.75 | 704 |
| 4 | 2.3 | 396 |
| 5 | 2.9 | 253 |

Performance Data*

| | |
|-----------------------|----------|
| LED Current: | 500 mA |
| Source flow: | 4675 lm |
| Source power: | 33 W |
| Source efficiency: | 142 lm/W |
| Device flow: | 4020 lm |
| Device power: | 37 W |
| Appliance efficiency: | 109 lm/W |
| Glare Index Category: | D6 |

Optical System

Source: LED L6

Color Temperature: 3000 K

Color Rendering Index (CRI): ≥ 80

Color Consistency (SDCM): ≤ 3

Type of optics: D 40° Wide beam

Optical group life: >100.000h @ Ta 25°C L90B10

Photobiological safety class: EXEMPT GROUP

ULOR: 0%

DLOR: 100%

Light intensity category: G*6

Normative References

EN60598-1 / EN60598-2-5 / EN62471 / EN61547

Installation and maintenance

Installation: wall, ceiling, ground, pole side

Tilt: (wall, ground) with adjustable joint can be tilted from -90° to +90° and rotated from -15° to +15°; the pointing and locking system is continuously adjustable; (pole side) with adjustable joint can be tilted from -70° to +90° and rotated by 0° / 180°; the pointing and locking system is continuously adjustable.

Ø power cable: 10 ÷ 14 mm

Cable Gland: PG16

Power supply compartment: independent from the optical group

Flow adjustment

Standard

DALI control

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

■ Sablé 100 Noir

Code: **06LN2C4509C0CHL**

Complements



06LN901C0

B225 Adjustable joint.
Colour: Sable 100 Noir.



06LT909J0

B118 Anchor for concrete
L=200 mm.

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.