



General Features

Description: LED luminaire

Insulation class: class II (class I on request)

Rated voltage: 220-240 V 50/60 Hz

Protection Grade: IP66

Impact protection: IK10

Surge protection device: integrated 10kV-10kA, Type 3, equipped with LED signaling and thermofusible for disconnection at the end of life; impulse withstand CL II 10kV DM

Power Factor: > 0.9

Ambient temperature Ta: -30°C +50°C

Weight: 6.00 kg

Max exposed surface: 0,10 m²

Lateral exposed surface: 0,02 m²

Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Drivers: included

Marks and Certifications: ENEC / CE



Performance Data*

| | |
|-----------------------|----------|
| LED Current: | 525 mA |
| Source flow: | 6785 lm |
| Source power: | 46.5 W |
| Source efficiency: | 146 lm/W |
| Device flow: | 5700 lm |
| Device power: | 50.5 W |
| Appliance efficiency: | 113 lm/W |
| Glare Index Category: | D6 |

Optical System

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| Source: LED L2 |
| Color Temperature: 3000 K |
| Color Rendering Index (CRI): ≥ 70 |
| Color Consistency (SDCM): ≤ 4 |
| Type of optics: street asymmetrical LA-02 |
| Optical group life: >100.000h @700mA @Ta25°C TM21 L80B10 |
| Photobiological safety class: EXEMPT GROUP |
| ULOR: 0% |
| DLOR: 100% |
| Light intensity category: G*3 |

Normative References

EN60598-1 / EN60598-2-3 / EN60598-2-5 / EN62471 / EN61547

Installation and maintenance

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|---|
| Installation: wall / ground / pole |
| Pole diameter: Ø 60 - 76 - 102 mm |
| Tilt: fastened or adjustable installation |
| Ø power cable: 10 ÷ 14 mm |
| Cable Gland: PG16 |

Flow adjustment

| | Standard | On request |
|------------------------------------|----------|------------|
| Virtual Midnight Teaching | X | |
| Constant flow output (CLO) | | X |
| Adjusting 1-10V | | X |
| DALI control | | X |
| Pilot line | | X |
| Power line telemanagement (PLC) | | X |
| Wireless remote management | | X |
| Provision for motion/light sensors | | X |

Materials

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

Colors

| | |
|------------------|------------------------------|
| ■ Sablé 100 Noir | Code: 06LT7A859A1CHM4 |
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Complements



06LT915C0

B124 Aluminium extruded pole H6m
x1 LIT medium / large. Colour: Sablé
100 Noir.



06LT927C0

B161 Aluminium extruded pole H6m
x2 LIT medium / large. Colour: Sablé
100 Noir.



06LT928C0

B162 Aluminium extruded pole H6m
x2 LIT medium / large (H 4/6m). Colour:
Sablé 100 Noir.

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.