



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: IK09

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: > 0.90

Ambient temperature Ta: -30°C +50°C

Weight: 3.50 kg

Max exposed surface: 0,06 m²

Lateral exposed surface: 0,030 m²

Common mode surge protection: 10 kV

Overtoltage protection differential mode: 10 kV

Drivers: included

Marks and Certifications: ENEC / CE



Performance Data*

| | |
|-----------------------|----------|
| LED Current: | 525 mA |
| Source flow: | 3080 lm |
| Source power: | 17.5 W |
| Source efficiency: | 176 lm/W |
| Device flow: | 2650 lm |
| Device power: | 20 W |
| Appliance efficiency: | 133 lm/W |
| Glare Index Category: | D6 |

Optical System

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| Source: LED R1 |
| Color Temperature: 3000 K |
| Color Rendering Index (CRI): ≥ 70 |
| Color Consistency (SDCM): ≤ 4 |
| Type of optics: street asymmetrical ME-01 |
| Optical group life: >160.000h @700mA @Ta25°C TM21 L80B20 >160.000h @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 / EN62471 / EN61547

Installation and maintenance

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|---|
| Installation: post top / side pole / arm / wall |
| Pole diameter: Ø 60 - 76 - 102 mm |
| Tilt: continuous / stepped adjustment -10° +190° (step 5°) |
| Ø power cable: 10 ÷ 14 mm |
| Cable Gland: PG16 |
| Replaceable wiring plate: removable plate |
| Replaceable optical unit: LED disc replacement |
| Power supply compartment: independent from the optical system |

Flow adjustment

| | Standard | On request |
|------------------------------------|----------|------------|
| Virtual Midnight Teaching | X | |
| Constant flow output (CLO) | X | |
| Adjusting 1-10V | | X |
| DALI control | | X |
| Mains voltage variation | 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 |
| Diffuser: highly transparent polycarbonate |
| Lenses: high-transparency PMMA |
| Fixing system: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%) |
| Seals: expanded anti-age silicone foam |
| 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: 06KS1B25932CHM4 |
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Complements



06KS903C0

B79 Fastening kit on Ø 48-60 mm pastoral arms.
Colour: Sablé 100 Noir.



06KS909C0

B89 Connector 4 way IP68



06ND901Y0

Diffuser
made of transparent polycarbonate



01AK935C0

B15 Single curved arm
Ø 60 mm for poles Ø 102 mm. L=810 mm. Colour: Sablé 100 Noir.



01AK936C0

B16 Double curved arm
Ø 60 mm for poles Ø 102 mm. L=810 mm. 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.