



General Features

Description: post top LED luminaire

Insulation class: classe II

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: 8.00 kg

Max exposed surface: 0,16 m²

Lateral exposed surface: 0,068 m²

Common mode surge protection: 10 kV

Overtoltage protection differential mode: 10 kV

Drivers: included

Marks and Certifications: ENEC / CE



Performance Data*

| | | | |
|-----------------------|----------|----------|----------|
| LED Current: | 700 mA | 525 mA | 350 mA |
| Source flow: | 6350 lm | 5045 lm | 3580 lm |
| Source power: | 48 W | 35.5 W | 23 W |
| Source efficiency: | 132 lm/W | 142 lm/W | 156 lm/W |
| Device flow: | 4695 lm | 3735 lm | 2650 lm |
| Device power: | 52.5 W | 39.5 W | 26.5 W |
| Appliance efficiency: | 89 lm/W | 95 lm/W | 100 lm/W |
| Glare Index Category: | D4 | D4 | D5 |

Optical System

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|---|
| Source: LED R2 |
| Color Temperature: 2200 K |
| Color Rendering Index (CRI): ≥ 70 |
| Color Consistency (SDCM): ≤ 4 |
| Type of optics: street asymmetrical LA-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 |
| Pole diameter: Ø 60 mm (76 - 102 mm with accessories) |
| Fixing: 3 x AISI 304 stainless steel securing bolts |
| Ø power cable: 8 ÷ 13 mm |
| Cable gland: M20 |
| 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 5 mm |
| 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: self-extinguishable technopolymer V0 |
| Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance |

Colors

| | |
|------------------|------------------------------|
| ■ Sablé 100 Noir | Code: 01KA4C40131CHM3 |
|------------------|------------------------------|

Complements



01AY904C0

L7 Reduction Ø 60-68 mm
for poles Ø 76 mm. Colour: Sablé 100
Noir.



01SC913C0

Reduction fastening part Ø 60 mm H.
120 mm
for poles Ø 102 mm. Colour: Sablé 100
Noir.



01AK980C0

B200 Pole adapter
Ø 76-80 mm top Ø60 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.