



General Features

Description: urban and public lighting luminaire

Insulation class: class II

Rated voltage: 220-240 V 50/60 Hz

Protection Grade: IP66

Impact protection: IK08

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: 11.00 kg

Max exposed surface: 0,25 m²

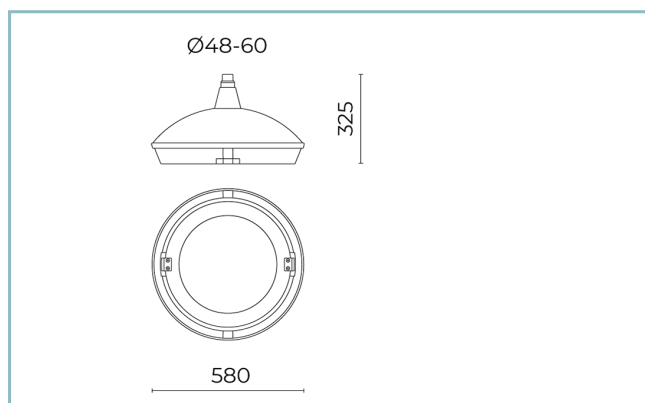
Lateral exposed surface: 0,14 m²

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: | 18605 lm | 14905 lm | 10650 lm |
| Source power: | 119.5 W | 88.5 W | 58 W |
| Source efficiency: | 156 lm/W | 168 lm/W | 184 lm/W |
| Device flow: | 16000 lm | 12820 lm | 9160 lm |
| Device power: | 128.5 W | 95.5 W | 63.5 W |
| Appliance efficiency: | 125 lm/W | 134 lm/W | 144 lm/W |
| Glare Index Category: | D4 | D4 | D5 |

Optical System

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|---|
| Source: LED R5 |
| Color Temperature: 3000 K |
| Color Rendering Index (CRI): ≥ 70 |
| Color Consistency (SDCM): ≤ 4 |
| Type of optics: street asymmetrical LA-01 |
| Optical group life: >130.000h @700mA @Ta25°C TM21 L80B20 >130.000h @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

Installation and maintenance

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| Installation: arm suspension |
| Pole diameter: Ø 48 - 60 - 76 - 114 mm (with accessories) |
| Wiring: Junction box IP68. The connection to the electrical backbone can be made without having to open the device |
| Ø power cable: 10 ÷ 14 mm |
| Cable Gland: PG16 |
| Replaceable wiring plate: removable plate |
| Replaceable optical unit: each LED module is replaceable |
| Screen opening: glass holder frame opening, fall block |
| Disconnecter: automatic (with terminal section 2.5 mm ²) |

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 |

Materials

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|---|
| Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%), upper dome with aluminium plate turning |
| Screen: tempered flat glass |
| 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: 01FK4G00931CHM3 |
|------------------|------------------------------|

Complements



01AK907C0

L16 Male suspension kit
1" 1/2 GAS. Colour: Sablé 100 Noir.



01AK914C0

L17 Male suspension kit
3/4" GAS. Colour: Sablé 100 Noir.



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.



01AK933C0

B13 Single arched arm
Ø 60 mm for poles Ø 60-76 mm. L=1500 mm. Colour: Sablé 100 Noir.



01AK934C0

B14 Double arched arm
Ø 60 mm for poles Ø 60-76 mm. L=1500 mm. Colour: Sablé 100 Noir.



01AK941C0

B21 Single machined arm
for poles Ø 114 mm. L=1000 mm. Colour: Sablé 100 Noir.



01AK950C0

B15-P Curved wall-mounted arm
Ø 60 mm. L=840 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.