



General Features

Description: LED floodlight

Insulation class: class II

Rated voltage: 230 V 50 Hz

Protection Grade: IP66

Impact protection: IK07

Power Factor: > 0.90

Ambient temperature Ta: -30°C +50°C

Weight: 3.00 kg

Max exposed surface: 0,08 m²

Lateral exposed surface: 0,0165 m²

Common mode surge protection: 6 kV

Overvoltage protection differential mode: 10 kV

Drivers: included

Marks and Certifications: ENEC / CE



Performance Data*

| | | | |
|-----------------------|----------|----------|----------|
| LED Current: | 700 mA | 525 mA | 350 mA |
| Source flow: | 3995 lm | 3140 lm | 2205 lm |
| Source power: | 24 W | 17.5 W | 11.5 W |
| Source efficiency: | 166 lm/W | 179 lm/W | 192 lm/W |
| Device flow: | 3240 lm | 2545 lm | 1785 lm |
| Device power: | 27 W | 20 W | 13.5 W |
| Appliance efficiency: | 120 lm/W | 127 lm/W | 132 lm/W |
| Glare Index Category: | D6 | D6 | D6 |

Optical System

| |
|---|
| Source: LED R1 |
| Color Temperature: 3000 K |
| Color Rendering Index (CRI): ≥ 70 |
| Color Consistency (SDCM): ≤ 4 |
| Type of optics: rotosymmetrical narrow beam RS-C |
| 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*6 |

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 with step 15° |
| Fixing: adjustable bracket with click positioning and a 15° step |
| Ø power cable: 10 ÷ 14 mm |
| Cable gland: PG11 |

Flow adjustment

Standard On request

| | |
|---|---|
| Virtual Midnight Teaching | X |
| Arrangement for Zhaga connector (Book 18) | 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

Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Lenses: PMMA

Seals: extruded 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: **06LV3B2094CHM3**

Complements



06AK953C0

I1 Spike for ground installation
Colour: Sablé 100 Noir.



06AK903C0

L3 Joint kit
single for Ø 60-76 mm poles. Colour:
Sablé 100 Noir.



06AK904C0

L4 Joint kit
double for Ø 60-76 mm poles. Colour:
Sablé 100 Noir.



06AK952C0

L9 Joint LEVANTE SMALL
for Ø 60 mm pole. Colour: Sablé 100
Noir.



06AK951C0

B1-P Wall-mounted arm.
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.