



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

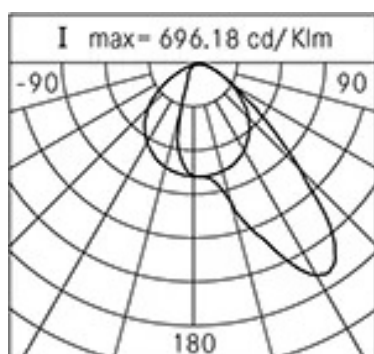
Lateral exposed surface: 0,0165 m²

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:	D4	D4	D5

Optical System

Source: LED R1
Color Temperature: 3000 K
Color Rendering Index (CRI): ≥ 70
Color Consistency (SDCM): ≤ 4
Type of optics: asymmetrical wide beam AS-D
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

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

■ Grey RAL9006

Code: **06LV3B2097AHM3**

Complements



06AK953C0

I1 Spike for ground installation
Colour: Sablé 100 Noir.



06AK903A0

L3 Single joint kit
for Ø 60-76 mm poles. Colour: grey
RAL9006.



06AK904A0

L4 Double joint kit
for Ø 60-76 mm poles. Colour: grey
RAL9006.



06AK952A0

L9 Joint LEVANTE SMALL
for Ø 60 mm pole. Colour: grey
RAL9006.



06AK951A0

B1-P Wall-mounted arm.
Colour: grey RAL9006.

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.