



General Features

Description:	LED floodlight
Insulation class:	class II
Rated voltage:	230 V 50 Hz
Protection Grade:	IP66
Impact protection:	IK07
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:	0,17 m²
Lateral exposed surface:	0,04 m²
Common mode surge protection:	10 kV
Overvoltage protection differential mode:	10 kV
Driver:	included
Marks and Certifications:	CE



Performance Data*

LED Current:	700 mA	525 mA	350 mA
Source flow:	16620 lm	13165 lm	9305 lm
Source power:	95 W	70.5 W	46.5 W
Source efficiency:	175 lm/W	187 lm/W	200 lm/W
Device flow:	14295 lm	11325 lm	8010 lm
Device power:	103.5 W	77.5 W	51.5 W
Appliance efficiency:	138 lm/W	146 lm/W	156 lm/W
Glare Index Category:	D6	D6	D6

Optical System

Source: LED R4
Color Temperature: 4000 K
Color Rendering Index (CRI): ≥ 70
Chromatic consistency (SDCM): ≤ 4
Type of optics: rotosymmetrical LR-20
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: PG16

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

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: **06LV6E80042AHM3**

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.



06AK954A0

L10 Joint LEVANTE MEDIUM
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.