



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 m ²
Lateral exposed surface:	0,04 m ²
Common mode surge protection:	10 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:	8460 lm	6670 lm	4695 lm
Source power:	48 W	35.5 W	23 W
Source efficiency:	176 lm/W	188 lm/W	204 lm/W
Device flow:	7275 lm	5740 lm	4040 lm
Device power:	52.5 W	39.5 W	26.5 W
Appliance efficiency:	139 lm/W	145 lm/W	152 lm/W
Glare Index Category:	D6	D6	D6

Optical System

Source: LED R2

Color Temperature: 4000 K

Color Rendering Index (CRI): ≥ 70

Color 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: **06LV6C40042AHM3**

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.