



General Features

Description: LED luminaire
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
Drivers: included
Marks and Certifications: ENEC / CE



Performance Data*

LED Current:	700 mA	525 mA	350 mA
Source flow:	15515 lm	12285 lm	8690 lm
Source power:	95 W	70.5 W	46.5 W
Source efficiency:	163 lm/W	174 lm/W	187 lm/W
Device flow:	13345 lm	10570 lm	7475 lm
Device power:	103.5 W	77.5 W	51.5 W
Appliance efficiency:	129 lm/W	136 lm/W	145 lm/W
Glare Index Category:	D4	D5	D5

Optical System

Source: LED R4
Color Temperature: 3000 K
Color Rendering Index (CRI): ≥ 70
Color Consistency (SDCM): ≤ 4
Type of optics: street asymmetrical ME-01
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*3

Normative References

EN60598-1 / EN60598-2-3 / EN60598-2-5 / EN62471 / EN61547

Installation and maintenance

Installation: wall / pole
Pole diameter: Ø 60 - 76 - 102 mm
Tilt: fastened or adjustable with step 15°
Fixing: post top + Ø 48/60 mm bracket, fixed or adjustable with a 15° step / wall-mounted, fixed or adjustable with a 15°
Ø power cable: 10 ÷ 14 mm
Cable gland: PG16

Flow adjustment

Standard On request

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

Materials

Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)
Screen: tempered flat glass
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: 06LV6E80932CHM3
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Complements



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.



06AK910C0

L12 Joint for Ø 60-48 mm pole.
Colour: Sablé 100 Noir.



06AK954C0

L10 Joint LEVANTE MEDIUM
for Ø 60 mm pole. Colour: Sablé 100
Noir.



06AK955C0

L11 Joint LEVANTE MEDIUM
for wall-mounting. Colour: Sablé 100
Noir.



06AK905C0

B153 Post top joint
Ø 60 mm (h. 90 mm). Colour: Sablé 100
Noir.



06AK921C0

B1 Single arm
Ø 60 mm for poles Ø 60-76 mm. L=550
mm. Colour: Sablé 100 Noir.



06AK922C0

B2 Double arm
Ø 60 mm for poles Ø 60-76 mm. L=550
mm. Colour: Sablé 100 Noir.



06AK951C0

B1-P Wall-mounted arm.
Colour: Sablé 100 Noir.



06AK906C0

B154 Single arm
for poles Ø 102 mm. L=245 mm. Colour:
Sablé 100 Noir.



06AK908C0

B156 Double arm
for poles Ø 102 mm. L=245 mm. Colour:
Sablé 100 Noir.



06AK909C0

B157 Double arm
for poles Ø 102 mm. L=550 mm. Colour:
Sablé 100 Noir.



01AK921C0

B1 Single tubular arm
Ø 60 mm for poles Ø 60-76 mm. L=550
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.