



General Features

Description:	LED luminaire
Insulation class:	class II
Rated voltage:	220-240 V 50/60 Hz
Protection Grade:	IP66
Impact protection:	IK10
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:	> 0.9
Ambient temperature Ta:	-30°C +50°C
Weight:	8.00 kg
Max exposed surface:	0,14 m²
Lateral exposed surface:	0,03 m²
Common mode surge protection:	10 kV
Overvoltage protection differential mode:	10 kV
Driver:	included
Marks and Certifications:	ENEC / CE



Performance Data*

LED Current:	700 mA
Source flow:	20515 lm
Source power:	128.5 W
Source efficiency:	160 lm/W
Device flow:	16205 lm
Device power:	138.5 W
Appliance efficiency:	117 lm/W
Glare Index Category:	D5

Optical System

Source: LED L4
Color Temperature: 3000 K
Color Rendering Index (CRI): ≥ 70
Chromatic consistency (SDCM): ≤ 3
Type of optics: LA-02 Wide street
Optical group life: >100.000h @700mA @Ta25°C TM21 L80B10
Photobiological safety class: EXEMPT GROUP
ULOR: 0%
DLOR: 100%
Light intensity category: G*3
BUG rating: B2-U0-G2

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 installation
Fixing: upwards installation on a pole arm (for poles Ø 60-76 mm or poles Ø 102 mm) with adjustable joint made of die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%), polyester powder coated (Sablé 100 Noir);
Wiring: pre-wired product
Ø power cable: 10 ÷ 14 mm
Cable Gland: PG16

Flow adjustment

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
Wireless remote management	X
Provision for motion/light sensors	X

Materials

Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)
Screen: tempered flat glass
Lenses: high-transparency PMMA
Fixing system: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)
Seals: anti-age silicone
Screws: stainless steel AISI 304
Wiring plate: zinc-plated steel
Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

Colors

■ Sablé 100 Noir	Code: 06LT8B609A1CHM4
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Complements



01AK903C0

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



01AK904C0

L4 Double joint kit
for Ø 60-76 mm pole. Colour: Sablé 100
Noir.



06LT904C0

B113 Adjustable joint
LIT medium / large for bracket and
spike. Colour: Sablé 100 Noir.



06AK916C0

B139 Single ring Ø102mm.
Colour: Sablé 100 Noir.



06AK917C0

B140 Double ring for pole Ø102mm.
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.



01AK922C0

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



06AK907C0

B155 Single arm
for poles Ø 102 mm. L=550 mm. Colour:
Sablé 100 Noir.



06AK909C0

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

Product Sheet

Rev. 10/07/2024

Lit Brackets and poles

Size: large

Color Temperature: 3000 K

Type of optics: LA-02 Wide street

06LT8B609A1CHM4Colour: Sablé 100 Noir

NOTES***Performance data**

The values indicated in this data sheet are nominal values with a tolerance of $\pm 7\%$.

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.