



General Features

Description: LED luminaire

Insulation class: class II (class I on request)

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:	525 mA
Source flow:	16135 lm
Source power:	92 W
Source efficiency:	175 lm/W
Fitting flux:	13555 lm
Fitting power:	100 W
Fitting efficiency:	136 lm/W
Glare Index Category:	D6

Optical System

Source: LED L4
Colour Temperature: 4000 K
Color Rendering Index (CRI): ≥ 70
Chromatic consistency (SDCM): ≤ 4
Type of optics: asymmetrical LT-62
Optical group life: >100.000h @700mA @Ta25°C TM21 L80B10
Photobiological safety class: EXEMPT GROUP
ULOR: 0%
DLOR: 100%
Light intensity category: G*4

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
Fastening: directly to the wall in the fixed version or with an articulated joint, and to the ground with an articulated joint and stake
Wiring: pre-wired product
Ø power cable: 10 ÷ 14 mm
Cable Gland: PG16

Flux regulation

On request

Virtual Midnight Teaching	X
Constant flow output (CLO)	X
Adjusting 1-10V	X
DALI control	X
Pilot line	X
Power line telemanagement (PLC)	X
Wireless remote management	X
Arrangement for motion / brightness sensors	X

Materials

Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)
Screen: tempered flat glass
Lenses: high-transparency PMMA
Fitting 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

Colours

■ Sablé 100 Noir	Code: 06LT8B650A2CHM4
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Complements



06LT902C0

B111 Adjustable joint
Lit Flood medium / large. Colour:
Sablé 100 Noir.



06LT904C0

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



06LT908C0

B117 Picket for ground installation
LIT/SIGMA 1xØ60x542. Colour: Sablé 100
Noir.



06LT909J0

B118 Anchor for concrete
L=200 mm.

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.