



**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:                                   | 6.00 kg   |
| Max exposed surface:                      | 0,10 m <sup>2</sup>   |
| Lateral exposed surface:                  | 0,02 m <sup>2</sup>   |
| 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 flux:          | 8340 lm  |
| Source power:         | 47.5 W   |
| Source efficiency:    | 176 lm/W |
| Device flux:          | 6590 lm  |
| Device power:         | 51.5 W   |
| Appliance efficiency: | 128 lm/W |
| Glare Index Category: | D6       |

### Optical System

Source: LED L2

Color Temperature: 3000 K

Color Rendering Index (CRI):  $\geq 70$

Chromatic consistency (SDCM):  $\leq 3$

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: B1-U0-G1

### 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: 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

### 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: **06LT7A859A1CHM4**

## 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.