

# **General Features**

Description: LED fitting for lighting paths and

urban spaces

Rated voltage: 220-240 V 50/60 Hz

Protection Grade: IP66

Insulation class: class II

Impact protection: IK09

Surge protection device: integrated 10kV-10kA

Power Factor: > 0.95

Ambient temperature Ta: -30°C +50°C

Weight: 9 kg

Max exposed surface: 0.155 m<sup>2</sup>

Lateral exposed surface: 0.034 m<sup>2</sup>

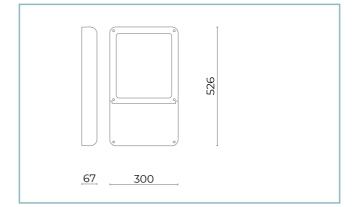
Common mode surge protection: 10 kV

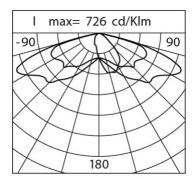
Overvoltage protection differential mode: 10 kV

Driver: included

Driver lifetime: F10 >100.000h @Ta25°C

Marks and Certifications: ENEC / ENEC+ / CE





### Performance Data\*

| Source flux:          | 20355 lm |
|-----------------------|----------|
| Source power:         | 109.5 W  |
| Source efficiency:    | 185 lm/W |
| Device flux:          | 17505 lm |
| Device power:         | 119 W    |
| Appliance efficiency: | 147 lm/W |
| Glare Index Category: | D3       |
|                       |          |



**Levante 2.0 Wall** Size: medium Color Temperature: 3000 K Type of optics: ST-02 Narrow street

## **Optical System**

| Source: LED R4<br>Color Temperature: 3000 K<br>Color Rendering Index (CRI): $\geq$ 70<br>Chromatic consistency (SDCM): $\leq$ 3<br>Type of optics: ST-02 Narrow street<br>Optical group life: >100.000h @ Ta 25°C L90B10<br>Photobiological safety class: EXEMPT GROUP<br>ULOR: 0%<br>DLOR: 100%<br>Light intensity category: G*3<br>BUG rating: B3-U0-G2<br>Normative References<br>EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,<br>EN61000-3-2, EN61000-3-3 |  |  |
|---|--|--|
| Color Rendering Index (CRI): $\geq$ 70<br>Chromatic consistency (SDCM): $\leq$ 3<br>Type of optics: ST-02 Narrow street<br>Optical group life: >100.000h @ Ta 25°C L90B10<br>Photobiological safety class: EXEMPT GROUP<br>ULOR: 0%<br>DLOR: 100%<br>Light intensity category: G*3<br>BUG rating: B3-U0-G2<br>Normative References<br>EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,  | Source: LED R4                                 |  |
| Chromatic consistency (SDCM): ≤ 3<br>Type of optics: ST-02 Narrow street<br>Optical group life: >100.000h @ Ta 25°C L90B10<br>Photobiological safety class: EXEMPT GROUP<br>ULOR: 0%<br>DLOR: 100%<br>Light intensity category: G*3<br>BUG rating: B3-U0-G2<br>Normative References<br>EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,   | Color Temperature: 3000 K                      |  |
| Type of optics: ST-02 Narrow street<br>Optical group life: >100.000h @ Ta 25°C L90B10<br>Photobiological safety class: EXEMPT GROUP<br>ULOR: 0%<br>DLOR: 100%<br>Light intensity category: G*3<br>BUG rating: B3-U0-G2<br><b>Normative References</b><br>EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,   | Color Rendering Index (CRI): ≥ 70              |  |
| Optical group life: >100.000h @ Ta 25°C L90B10<br>Photobiological safety class: EXEMPT GROUP<br>ULOR: 0%<br>DLOR: 100%<br>Light intensity category: G*3<br>BUG rating: B3-U0-G2<br>Normative References<br>EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,   | Chromatic consistency (SDCM): ≤ 3              |  |
| Photobiological safety class: EXEMPT GROUP<br>ULOR: 0%<br>DLOR: 100%<br>Light intensity category: G*3<br>BUG rating: B3-U0-G2<br><b>Normative References</b><br>EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,  | Type of optics: ST-02 Narrow street            |  |
| ULOR: 0%<br>DLOR: 100%<br>Light intensity category: G*3<br>BUG rating: B3-U0-G2<br><b>Normative References</b><br>EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,  | Optical group life: >100.000h @ Ta 25°C L90B10 |  |
| DLOR: 100%<br>Light intensity category: G*3<br>BUG rating: B3-U0-G2<br><b>Normative References</b><br>EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,  | Photobiological safety class: EXEMPT GROUP     |  |
| Light intensity category: G*3<br>BUG rating: B3-U0-G2<br>Normative References<br>EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,   | ULOR: 0%                                       |  |
| BUG rating: B3-U0-G2 Normative References EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,  | DLOR: 100%                                     |  |
| Normative References           EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,   | Light intensity category: G*3                  |  |
| EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,  | BUG rating: B3-U0-G2                           |  |
|   | Normative References                           |  |
|   |  |  |
|   |  |  |

#### Installation and maintenance

Installation: pole side, wall-mounted

Pole diameter: Ø 60 - 76 - 102 mm

Tilt: (wall-mounted) fixed or adjustable installation; (pole side) with adjustable joint can be tilted from -70° to +90° and rotated by  $0^{\circ}$  / 180°. The pointing and locking system is continuously adjustable.

Ø power cable: 10 ÷ 14 mm

Cable Gland: PG16

Power supply compartment: independent from the optical group

| Flow adjustment                           | On request |
|---|------------|
| Virtual Midnight Teaching                 | Х          |
| Arrangement for Zhaga connector (Book 18) | Х          |
| Constant flow output (CLO)                | Х          |
| Adjusting 1-10V                           | Х          |
| DALI control                              | Х          |
| Mains voltage variation                   | Х          |
| Wireless remote management                | Х          |
| Provision for motion/light sensors        | Х          |

# Materials

Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Screen: tempered flat glass 4 mm

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

Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

### Colors

Sablé 100 Noir

Code: 06LN3E860914CHM4



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### Complements

|     | IJ | 131 |  |
|-----|----|-----|--|
| 202 | 82 |     |  |

|           | 6 0 | 5  | 22 |  |
|-----------|-----|----|----|--|
|           |     | 48 |    |  |
|           |     |    |    |  |
| 06LN900C0 |     |    |    |  |

# 06LN901C0

B225 Adjustable joint. Colour: Sablé 100 Noir. B224 Fixed bracket 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.

