



General Features

|                                           |                                                 |
|-------------------------------------------|-------------------------------------------------|
| Description:                              | LED fitting for lighting paths and urban spaces |
| Insulation class:                         | class II                                        |
| Rated voltage:                            | 220-240 V 50/60 Hz                              |
| Protection Grade:                         | IP66                                            |
| 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 flow:          | 14660 lm |
| Source power:         | 73.5 W   |
| Source efficiency:    | 199 lm/W |
| Device flow:          | 12610 lm |
| Device power:         | 80 W     |
| Appliance efficiency: | 157 lm/W |
| Glare Index Category: | D4       |

### Optical System

|                                                   |
|---------------------------------------------------|
| Source: LED R3                                    |
| Color Temperature: 4000 K                         |
| Color Rendering Index (CRI): $\geq 70$            |
| Chromatic consistency (SDCM): $\leq 3$            |
| Type of optics: ME-06 Medium street with sidewalk |
| Optical group life: >100.000h @ Ta 25°C L90B10    |
| 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, EN61547; EN62471, EN55015, EN61000-3-2, EN61000-3-3

### Installation and maintenance

|                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Installation: pole side                                                                                                                           |
| Pole diameter: Ø 60 - 76 - 102 mm                                                                                                                 |
| Tilt: with adjustable joint can be tilted from -70° to +90° and rotated by 0° / 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                 | X |
| Arrangement for Zhaga connector (Book 18) | X |
| Constant flow output (CLO)                | X |
| Adjusting 1-10V                           | X |
| DALI control                              | X |
| Mains voltage variation                   | 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 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: <b>06LN3D654023CHM4</b> |
|------------------|-------------------------------|

## Complements



06LN908C0

B232 Adjustable joint  
for arms and poles Ø60mm. Colour:  
Sablé 100 Noir.



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.



06AK916C0

B139 Single ring Ø102mm.  
Colour: Sablé 100 Noir.



06AK917C0

B140 Double ring for pole Ø102mm.  
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.



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.

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**Product Sheet**

Rev 31/07/2024

**Levante 2.0 Brackets and poles**

Size: medium

Color Temperature: 4000 K

Type of optics: ME-06 Medium street with sidewalk

**06LN3D654023CHM4**Colour: Sablé 100 Noir

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**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.