

# **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: 6 kg

Max exposed surface: 0.119 m<sup>2</sup>

Lateral exposed surface: 0.026 m<sup>2</sup>

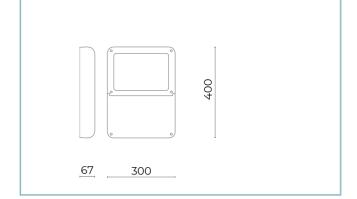
Common mode surge protection: 10 kV

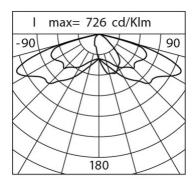
Overvoltage protection differential mode: 10 kV

Driver: included

Driver lifetime: F10 >100.000h @Ta25°C

Marks and Certifications: ENEC / ENEC+ / CE





#### Performance Data\*

Source flux:	12620 lm
Source power:	67 W
Source efficiency:	188 lm/W
Device flux:	10855 lm
Device power:	72 W
Appliance efficiency:	150 lm/W
Glare Index Category:	D3



**Levante 2.0 Poles** Size: small Color Temperature: 4000 K Type of optics: ST-02 Narrow street

### **Optical System**

Source: LED R2
Color Temperature: 4000 K
Color Rendering Index (CRI): ≥ 70
Chromatic consistency (SDCM): ≤ 3
ype of optics: ST-02 Narrow street
Dptical group life: >100.000h @ Ta 25°C L90B10
Photobiological safety class: EXEMPT GROUP
JLOR: 0%
DLOR: 100%
ight intensity category: G*3
3UG 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, wall-mounted, post top

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

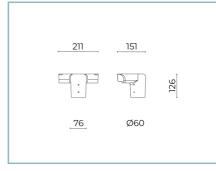
Sablé 100 Noir

Code: 06LN2C472014CHM4



Levante 2.0 Poles Size: small Color Temperature: 4000 K Type of optics: ST-02 Narrow street

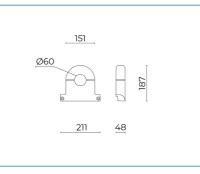
#### Complements



#### 06LN910C0

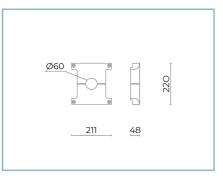
B237 Post top joint

Ø 60 mm (h. 90 mm). Colour: Sablé 100 Noir.



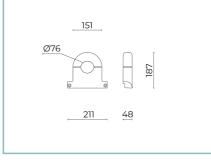
# 06LN902C0

B226 Single collar for poles Ø60mm. Colour: Sablè 100 Noir.



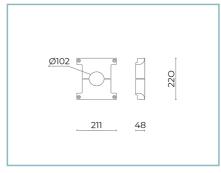
### 06LN905C0

B229 Double collar for poles Ø60mm. Colour: Sablè 100 Noir.



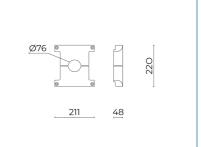
# 06LN903C0

B227 Single collar for poles Ø76mm. Colour: Sablè 100 Noir.



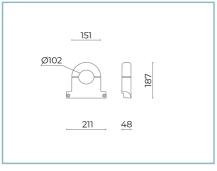
# 06LN907C0

B231 Double collar for poles Ø102mm. Colour: Sablè 100 Noir.



# 06LN906C0

for poles Ø76mm. Colour: Sablè 100 Noir.



# 06LN904C0

B228 Single collar for poles Ø102mm. Colour: Sablè 100 Noir.



B230 Double collar



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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.

