

# **General Features**

Description: LED fitting for lighting façades, 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: 3.6 kg

Max exposed surface: 0.073 m<sup>2</sup>

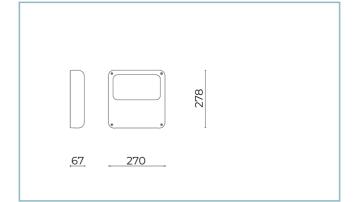
Lateral exposed surface: 0.017 m<sup>2</sup>

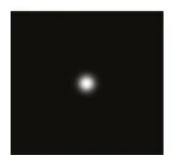
Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Driver: included

Marks and Certifications: ENEC / ENEC+ / CE





H (m)	Ø (m)	Em (lux)
1	0.1	340894
2	0.2	85223
3	0.3	37877
4	0.4	21305
5	0.5	13636

#### Performance Data\*

LED Current:	300 mA
Source flux:	1700 lm
Source power:	10.9 W
Source efficiency:	155 lm/W
Device flux:	1225 lm
Device power:	12 W
Appliance efficiency:	102 lm/W
Glare Index Category:	D6



# **Optical System**

Color Temperature: 4000 K

Color Rendering Index (CRI): ≥ 80

Chromatic consistency (SDCM): ≤ 3

Type of optics: U-C 6° Ultra-narrow beam

Optical group life: >100.000h @ Ta 25°C L90B10

Photobiological safety class: EXEMPT GROUP

ULOR: 0%

DLOR: 100%

Light intensity category: G\*6

BUG rating: B2-U0-G0

#### **Normative References**

EN60598-1 / EN60598-2-5 / EN62471 / EN61547

#### Installation and maintenance

Installation: wall, ceiling, ground, pole side

Tilt: (wall, ground) with adjustable joint can be tilted from -90° to +90° and rotated from -15° to +15°; the pointing and locking system is continuously adjustable; (pole side) 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	Standard
DALI control	Х

#### Materials

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

Screen: tempered flat glass 4 mm

Lenses: high-transparency PMMA

Seals: anti-age silicone

Screws: stainless steel AISI 304

Finish: phospho-chromatation treated and polyester

powder-coated in 16 phases to increase weather resistance

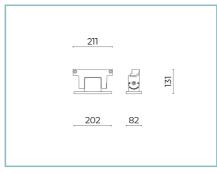
### Colors

Sablé 100 Noir

Code: 06LN1B2300C3CHL

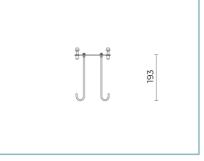


### Complements



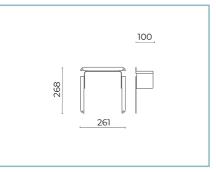
06LN901C0

B225 Adjustable joint. Colour: Sablé 100 Noir.



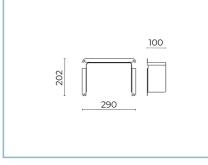
### 06LN914J0

B246 Kit metal anchors LEVANTE 2.0



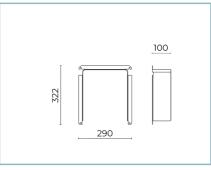
### 06LN911B0

B239 Lightshade visor kit. Levante 2.0 x-small. Colour: black RAL9005.



# 06LN912B0

B240 Lightshade visor kit. Levante 2.0 small. Colour: black RAL9005.



# 06LN913B0

B241 Lightshade visor kit. Levante 2.0 medium. Colour: black RAL9005.

# 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.

