

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 m²

Lateral exposed surface: 0.026 m²

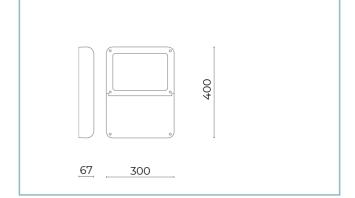
Common mode surge protection: 10 kV

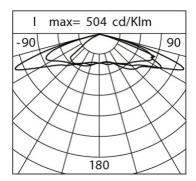
Overvoltage protection differential mode: 10 kV

Driver: included

Driver lifetime: F10 >100.000h @Ta25°C

Marks and Certifications: ENEC / ENEC+ / CE





Performance Data*

Source flux:	3760 lm
Source power:	19 W
Source efficiency:	197 lm/W
Device flux:	3235 lm
Device power:	22 W
Appliance efficiency:	147 lm/W
Glare Index Category:	D6



Levante 2.0 Wall Size: small Color Temperature: 3000 K Type of optics: PB-01 Low pole

Optical System

Source: LED R1 Color Temperature: 3000 K Color Rendering Index (CRI): \geq 70 Chromatic consistency (SDCM): \leq 3 Type of optics: PB-01 Low pole Optical group life: >100.000h @ Ta 25°C L90B10 Photobiological safety class: EXEMPT GROUP ULOR: 0% DLOR: 100% Light intensity category: G*4 BUG rating: B1-U0-G1 Normative References EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015, EN61000-3-2, EN61000-3-3		
Color Rendering Index (CRI): \geq 70 Chromatic consistency (SDCM): \leq 3 Type of optics: PB-01 Low pole Optical group life: >100.000h @ Ta 25°C L90B10 Photobiological safety class: EXEMPT GROUP ULOR: 0% DLOR: 100% Light intensity category: C*4 BUG rating: B1-U0-G1 Normative References EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,	Source: LED R1	
Chromatic consistency (SDCM): ≤ 3 Type of optics: PB-01 Low pole Optical group life: >100.000h @ Ta 25°C L90B10 Photobiological safety class: EXEMPT GROUP ULOR: 0% DLOR: 100% Light intensity category: G*4 BUG rating: B1-U0-G1 Normative References EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,	Color Temperature: 3000 K	
Type of optics: PB-01 Low pole Optical group life: >100.000h @ Ta 25°C L90B10 Photobiological safety class: EXEMPT GROUP ULOR: 0% DLOR: 100% Light intensity category: C*4 BUG rating: B1-U0-G1 Normative References EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,	Color Rendering Index (CRI): ≥ 70	
Optical group life: >100.000h @ Ta 25°C L90B10 Photobiological safety class: EXEMPT GROUP ULOR: 0% DLOR: 100% Light intensity category: G*4 BUG rating: B1-U0-G1 Normative References EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,	Chromatic consistency (SDCM): ≤ 3	
Photobiological safety class: EXEMPT GROUP ULOR: 0% DLOR: 100% Light intensity category: G*4 BUG rating: B1-U0-G1 Normative References EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,	Type of optics: PB-01 Low pole	
ULOR: 0% DLOR: 100% Light intensity category: G*4 BUG rating: B1-U0-G1 Normative References EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,	Optical group life: >100.000h @ Ta 25°C L90B10	
DLOR: 100% Light intensity category: G*4 BUG rating: B1-U0-G1 Normative References EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,	Photobiological safety class: EXEMPT GROUP	
Light intensity category: C*4 BUG rating: B1-U0-G1 Normative References EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,	ULOR: 0%	
BUG rating: B1-U0-G1 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*4	
EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,	BUG rating: B1-U0-G1	
	Normative References	
EN61000-3-2, EN61000-3-3	EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015	',
	EN61000-3-2, EN61000-3-3	
	Installation and maintenance	
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 $0^{\circ}/180^{\circ}$. 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: 06LN2B242916CHM4



Levante 2.0 Wall Size: small Color Temperature: 3000 K Type of optics: PB-01 Low pole

Complements

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		<u>48</u>		
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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.

