



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: 6 kg

Max exposed surface: 0.119 m²

Lateral exposed surface: 0.026 m²

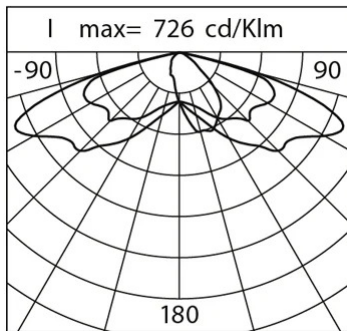
Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Driver: included

Driver lifetime: F10 >100.000h @Ta25°C

Marks and Certifications: ENEC / ENEC+ / CE



Performance Data*

	ST-02 1800K	ST-02 2200K	ST-02 2700K	ST-02 3000K	ST-02 4000K
LED Current:	270 mA	270 mA	270 mA	270 mA	270 mA
Source flux:	1695 lm	2085 lm	2390 lm	2430 lm	2585 lm
Source power:	13 W	13 W	13 W	13 W	13 W
Source efficiency:	130 lm/W	160 lm/W	184 lm/W	187 lm/W	199 lm/W
Device flux:	1420 lm	1750 lm	2005 lm	2040 lm	2170 lm
Device power:	16 W	16 W	16 W	16 W	16 W
Appliance efficiency:	89 lm/W	109 lm/W	125 lm/W	128 lm/W	136 lm/W
Glare Index Category:	D6	D5	D5	D5	D5

Optical System

Source: LED R1
Color Temperature: DWL 1800 K - 4000 K
Color Rendering Index (CRI): ≥ 70
Chromatic consistency (SDCM): ≤ 3
Type of optics: ST-02 Narrow street
Optical group life: >100.000h @ Ta 25°C L90B10
Photobiological safety class: EXEMPT GROUP
ULOR: 0%
DLOR: 100%
Light intensity category: C*3

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: $\varnothing 60 - 76 - 102$ mm
Tilt: (wall-mounted) fixed or adjustable installation; (pole side) with adjustable joint can be tilted from -70° to $+90^\circ$ and rotated by $0^\circ / 180^\circ$. The pointing and locking system is continuously adjustable.
\varnothing power cable: $10 \div 14$ 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: 06LN2B227414CDWL
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Mandatory accessories



06LN900C0

B224 Fixed bracket
Colour: Sablé 100 Noir.



06LN901C0

B225 Adjustable joint.
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.