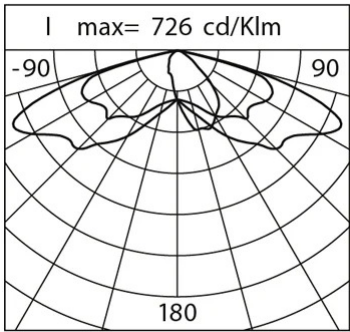
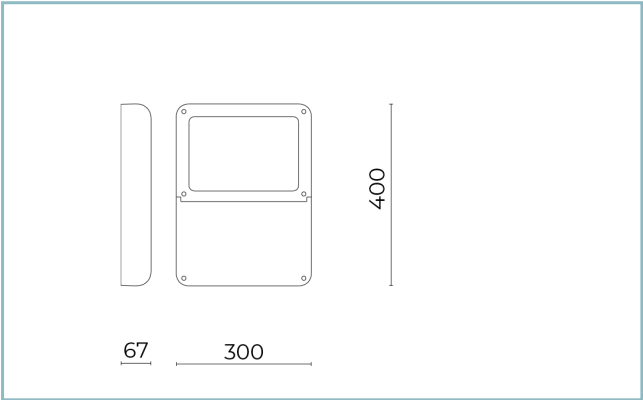
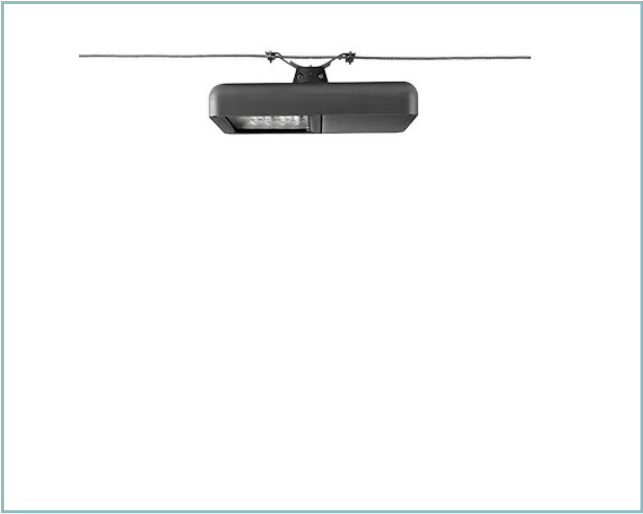




General Features

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:	1885 lm	2210 lm	2390 lm	2430 lm	2590 lm
Source power:	13 W	13 W	13 W	13 W	13 W
Source efficiency:	145 lm/W	170 lm/W	184 lm/W	187 lm/W	199 lm/W
Device flux:	1580 lm	1855 lm	2005 lm	2040 lm	2175 lm
Device power:	16 W	16 W	16 W	16 W	16 W
Appliance efficiency:	99 lm/W	116 lm/W	125 lm/W	128 lm/W	136 lm/W
Glare Index Category:	D5	D5	D5	D5	D5

Optical System

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

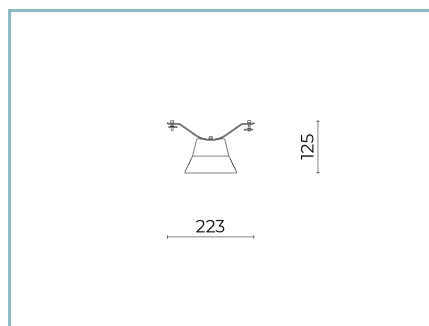
Materials

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: 06LN2B227414CDYN
------------------	-------------------------------

Complements



06LN909C0

B233 Suspension kit for Ø 6-12 mm string.

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.