

General Features

Description: post top LED luminaire

Insulation class: class II

Rated voltage: 220-240 V 50/60 Hz

Protection Grade: IP66

Impact protection: IK09

Surge protection device: integrated 10kV-10kA, Type 3, equipped with LED signaling and thermofusible for disconnection at the end of life; impulse withstand CL II 10kV DM

Power Factor: > 0.90

Ambient temperature Ta: -30°C +50°C

Weight: 8.00 kg

Max exposed surface: 0,18 m²

Lateral exposed surface: 0,06 m²

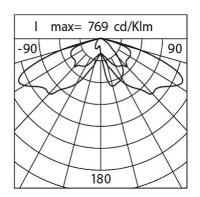
Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Driver: included

Driver lifetime: >100.000 h @ Ta 25°C (0,2%/1000h)

Marks and Certifications: ENEC / CE



Performance Data*

Source flux:	7465 lm
Source power:	37.5 W
Source efficiency:	199 lm/W
Device flux:	5960 lm
Device power:	42 W
Appliance efficiency:	142 lm/W
Glare Index Category:	D6



Product Sheet Rev. 06/05/2024 Poli Post Top

Color Temperature: 3000 K Type of optics: ST-02 Narrow street 01PLC442914CHM4

Colour: Sablé 100 Noir

Optical System	
Source: LED R2	
Color Temperature: 3000 K	
Color Rendering Index (CRI): ≥ 70	
Chromatic consistency (SDCM): ≤ 3	
Type of optics: ST-02 Narrow street	
Optical group life: >100.000 h @ Ta 25°C L90B10	
Photobiological safety class: EXEMPT GROUP	
ULOR: 0%	
DLOR: 100%	
Light intensity category: G*3	

Normative References

BUG rating: B1-U0-G1

EN60598-1 / EN60598-2-3 / EN62471 / EN61547

Installation and maintenance

Installation: post top

Pole diameter: Ø 60 mm (76 mm with accessory)

Wiring: the product is supplied with an outgoing cable (L = 200 mm) and a 2-pin plug and socket connector for a quick and easy installation.

Ø power cable: 10 ÷ 14 mm

Cable Gland: PG16

Cable gland: M20

Replaceable wiring plate: removable by unlocking grubscrews

Replaceable optical unit: removable by unlocking grubscrews

Screen opening: opening by means of tools

Power supply compartment: independent from the optical system

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	Χ

Materials

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

Screen: tempered flat glass 5 mm

Lenses: high-transparency PMMA

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

Seals: expanded anti-age silicone foam

Screws: stainless steel AISI 304

Wiring plate: zinc-plated steel

Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

Colors

Sablé 100 Noir Co	ode: 01PLC442914CHM4
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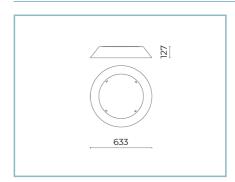


Color Temperature: 3000 K Type of optics: ST-02 Narrow street

01PLC442914CHM4

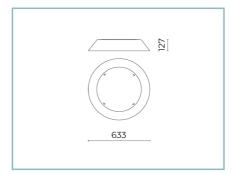
Colour: Sablé 100 Noir

Complements



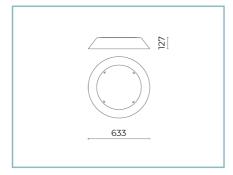
01PL900C0

B183 Decorative upper cover Colour: Sablé 100 Noir.



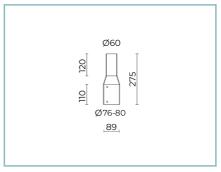
01PL900U50

B 183 Decorative upper cover Colour: GREEN YW354F



01PL900U60

B 183 Decorative upper cover Colour: COPPER Y2304I



01AK980C0

B200 Pole adapter Ø 76-80 mm top Ø60 mm. 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.

