

General Features

Description: urban and public lighting luminaire

Insulation class: class II

Rated voltage: 220-240 V 50/60 Hz

Protection Grade: IP66

Impact protection: IK08

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: > 0.9

Ambient temperature Ta: -30°C +50°C

Weight: 16.00 kg

Max exposed surface: 0,25 m²

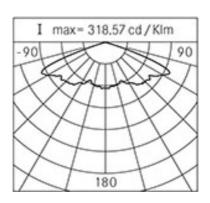
Lateral exposed surface: 0,14 m²

Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Driver: included

Marks and Certifications: CE



Performance Data*

LED Current:	700 mA
Source flux:	7665 lm
Source power:	48 W
Source efficiency:	160 lm/W
Device flux:	6435 lm
Device power:	52.5 W
Appliance efficiency:	123 lm/W
Glare Index Category:	D6



Product Sheet Rev. 18/07/2024 **Ypsilon Post Top**

Color Temperature: 3000 K Type of optics: RS-01 Rotosymmetric beam 01FY3C40935CHM4

Colour: Sablé 100 Noir

Optical System		
Source: LED R2		
Color Temperature: 3000 K		
Color Rendering Index (CRI): ≥ 70		
Chromatic consistency (SDCM): ≤ 4		
Type of optics: RS-01 Rotosymmetric beam		
Optical group life: >130.000h @700mA @Ta25°C TM21 L80B20 >130.000h @700mA @Ta25°C TM21 L80B10		
Photobiological safety class: EXEMPT GROUP		
ULOR: 0%		
DLOR: 100%		
Light intensity category: G*6		
BUG rating: B2-U0-G1		
Normative References		

Installation and maintenance

EN60598-1 / EN60598-2-3 / EN62471

Installation: post top		
Pole diameter: Ø 60 - 76 mm		

Tilt: fastened installation

Fixing: 2 x AISI 304 stainless steel securing bolts

Wiring: Junction box IP68. The connection to the electrical backbone can be made without having to open the device

Ø power cable: 10 ÷ 14 mm

Cable Gland: PG16

Replaceable wiring plate: removable plate

Replaceable optical unit: each LED module is replaceable

Screen opening: glass holder frame opening, fall block

Disconnector: automatic (with terminal section 2.5 mm^2)

Virtual Midnight Teaching Constant flow output (CLO) Adjusting 1-10V DALI control	
Adjusting 1-10V	X
, ,	Χ
DALI control	Χ
	Χ
Mains voltage variation	Χ
Power line telemanagement (PLC)	Χ
Wireless remote management	Χ

Materials

Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%), upper dome with aluminium plate turning

Screen: tempered flat glass

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	Code: 01FY3C40935CHM4

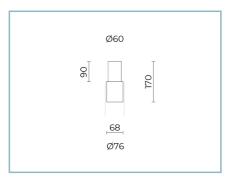


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Color Temperature: 3000 K Type of optics: RS-01 Rotosymmetric beam 01FY3C40935CHM4

Colour: Sablé 100 Noir

Complements



01AY904C0

L7 Reduction Ø 60-68 mm

for poles Ø 76 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.

