Product Sheet
Rev. 18/07/2024

Ypsilon Post Top
Color Temperature: 4000 K
Type of optics: ME-01 Medium street

01FY3C43032CHM4
Colour: Sablé 100 Noir

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
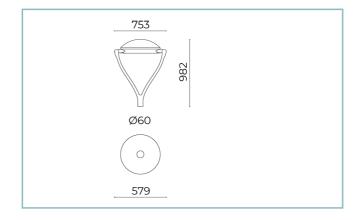
Weight: 16.00 kg

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

753
982
Ø60
579

I max= 715.03 cd./Klm
-90   90
180

Performance Data*

LED Current:	350 mA
Source flux:	4635 lm
Source power:	23 W
Source efficiency:	202 lm/W
Device flux:	3805 lm
Device power:	26.5 W
Appliance efficiency:	144 lm/W
Glare Index Category:	D6

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Optical System

Source: LED R2

Color Temperature: 4000 K

Color Rendering Index (CRI): ≥ 70

Chromatic consistency (SDCM): ≤ 4

Type of optics: ME-01 Medium street

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*3

BUG rating: B1-U0-G1

Normative References

EN60598-1 / EN60598-2-3 / EN62471

Installation and maintenance

Installation: post top, pole side

Pole diameter: Ø 60 - 76 mm

Tilt: fastened or adjustable 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 mm²)

Flow adjustment

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

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: **01FY3C43032CHM4**
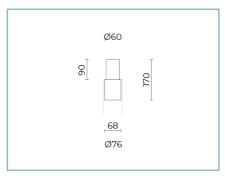
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Complements

Ø60

90

170

68

Ø76

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.

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