

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

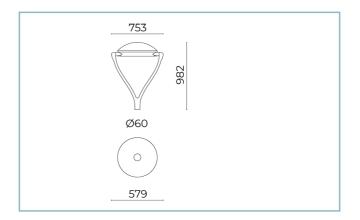
Lateral exposed surface: 0,14 m²

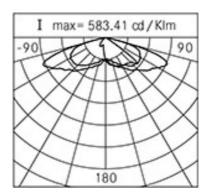
Common mode surge protection: 10 kV

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:	D5



Ypsilon Pole Side Color Temperature: 3000 K Type of optics: LA-01 Wide street

Optical System

Source: LED R2
Color Temperature: 3000 K
Color Rendering Index (CRI): ≥ 70
Chromatic consistency (SDCM): ≤ 4
Type of optics: LA-01 Wide 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 electrica backbone can be made without having to open the devic
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	Х
Constant flow output (CLO)	Х
Adjusting 1-10V	Х
DALI control	Х
Mains voltage variation	Х
Power line telemanagement (PLC)	Х
Wireless remote management	Х

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

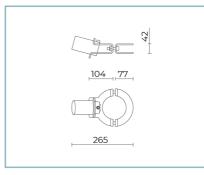
Sablé 100 Noir

Code: 01FY3C40931CHM4



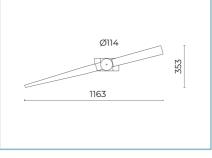
Ypsilon Pole Side Color Temperature: 3000 K Type of optics: LA-01 Wide street

Complements



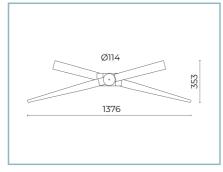
01AY901C0

L6 Joint kit for Ø102mm pole with Ø 60 mm bolt, inclined by 15°. Colour: Sablé 100 Noir.



01AY902C0

B25 Hexagon for poles Ø 114 mm, 15° inclined arm with decorative metal point. Colour: Sablè 100 Noir.



01AY905C0

B27 Hexagon for poles Ø 114 mm, 15° inclined double arms with decorative metal point. Colour: Sablè 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.

