



# 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 m<sup>2</sup>

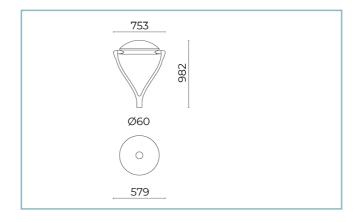
Lateral exposed surface: 0,14 m<sup>2</sup>

Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Driver: included

Marks and Certifications: CE



# I max= 715.03 cd / Klm

# Performance Data\*

LED Current:	525 mA
Source flux:	12005 lm
Source power:	70.5 W
Source efficiency:	170 lm/W
Device flux:	10080 lm
Device power:	77.5 W
Appliance efficiency:	130 lm/W
Glare Index Category:	D5



Product Sheet Rev. 18/07/2024 Ypsilon Pole Side

Color Temperature: 3000 K Type of optics: ME-01 Medium street 01FY3E85932CHM4

Colour: Sablé 100 Noir

Optical System	
Source: LED R4	
Color Temperature: 3000 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: B2-U0-G2	
Normative References	

Installation	and maintenance
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EN60598-1 / EN60598-2-3 / EN62471

Installation: pole side
Pole diameter: Ø 60 - 76 mm
Tilt: 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

 $\emptyset$  power cable: 10  $\div$  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  $\text{mm}^2$ )

On request
X
X
X
X
X
X
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

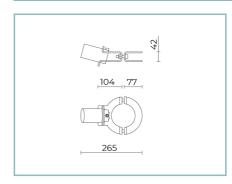
# Colors

Sablé 100 Noir	Code: <b>01FY3E85932CHM4</b>



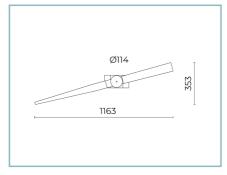
Colour: Sablé 100 Noir

# Complements



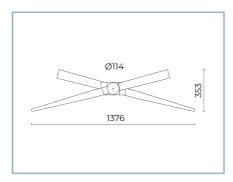
# 01AY901C0

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.

