



General Features

Description:	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:	12.00 kg
Max exposed surface:	0,34 m ²
Lateral exposed surface:	0,05 m ²
Common mode surge protection:	10 kV
Overtoltage protection differential mode:	10 kV
Drivers:	included
Lifetime driver:	>100.000 h @ Ta 25°C (0,2% / 1000h)
Marks and Certifications:	ENEC / CE



Performance Data*

Source flow:	9315 lm
Source power:	55 W
Source efficiency:	169 lm/W
Device flow:	7975 lm
Device power:	60 W
Appliance efficiency:	132 lm/W
Glare Index Category:	D4

Optical System

Source: LED R2

Color Temperature: 2700 K

Color Rendering Index (CRI): ≥ 70

Color Consistency (SDCM): ≤ 3

Type of optics: ME-05 Medium 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

BUG rating: B1-U0-G1

Normative References

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

Installation and maintenance

Installation: post top / side pole / arm / wall

Pole diameter: \varnothing 60 - 76 - 102 mm

Wiring: pre-wired product

\varnothing power cable: 10 ÷ 14 mm

Cable Gland: PG16

Replaceable wiring plate: removable plate

Replaceable optical unit: LED disc replacement

Power supply compartment: independent from the optical system

Flow adjustment

On request

Virtual Midnight Teaching

X

Arrangement for Zhaga connector (Book 18)

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%)

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: **01OR3C460818CHM4**

Complements



01OR901C0

B96 Joint
Ø 60 mm (H. 90 mm) for pole Ø 102 mm. Colour: Sablé 100 Noir.



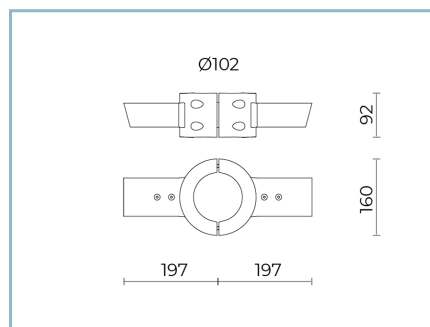
06KS909C0

B89 Connector 4 way IP68



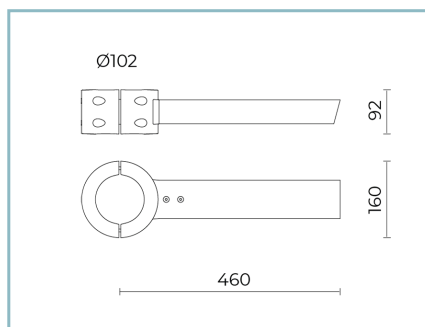
01OR904C0

B99 Single rectangular arm
for poles Ø 102 mm. L=400 mm (S) / 470 mm (M). Colour: Sablé 100 Noir.



01OR905C0

B100 Double rectangular arm
for poles Ø 102 mm. L=400 mm (S) / 470 mm (M). Colour: Sablé 100 Noir.



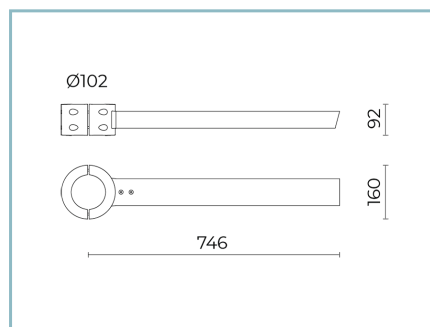
01OR906C0

B101 Single rectangular arm
for poles Ø 102 mm. L=670 mm (S) / 730 mm (M). Colour: Sablé 100 Noir.



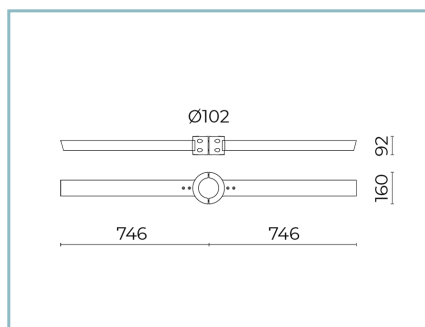
01OR907C0

B102 Double rectangular arm
for poles Ø 102 mm. L=670 mm (S) / 730 mm (M). Colour: Sablé 100 Noir.



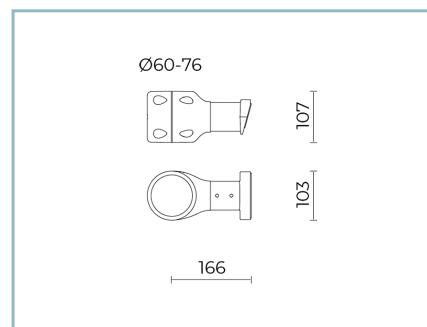
01OR908C0

B103 Single rectangular arm
for poles Ø 102 mm. L=950 mm (S) / 1015 mm (M). Colour: Sablé 100 Noir.



01OR909C0

B104 Double rectangular arm
for poles Ø 102 mm. L=950 mm (S) / 1015 mm (M). Colour: Sablé 100 Noir.



01OR911C0

B106 Single tubular arm
for poles Ø 60-76 mm. L=380 mm (S) / 445 mm (M). Colour: Sablé 100 Noir.

Product Sheet

Rev. 24/06/2024

Orao Pole Side

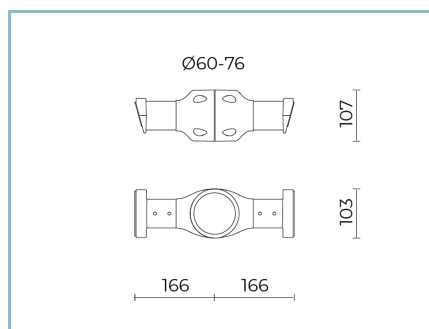
Size: medium

Color Temperature: 2700 K

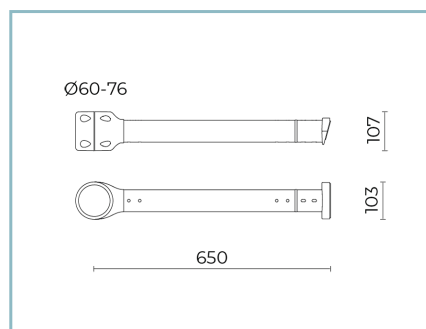
Type of optics: ME-05 Medium street

01OR3C460818CHM4

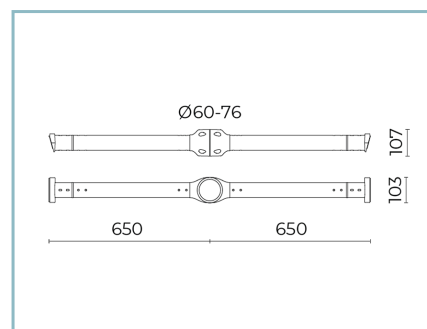
Colour: Sablé 100 Noir

**01OR912C0**

B107 Double tubular arm
for poles Ø 60-76 mm. L=380 mm (S) /
445 mm (M). Colour: Sablé 100 Noir.

**01OR913C0**

B108 Single tubular arm
for poles Ø 60-76 mm. L=855 mm (S) /
920 mm (M). Colour: Sablé 100 Noir.

**01OR914C0**

B109 Double tubular arm
for poles Ø 60-76 mm. L=855 mm (S) /
920 mm (M). Colour: Sablé 100 Noir.

**01OR916C0**

B83 Kit for suspension
on curved arm. 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.