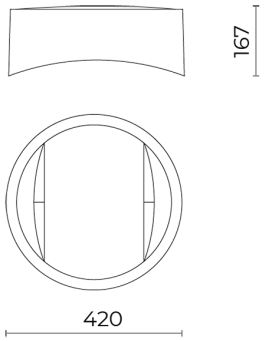
Product Sheet
Rev. 28/06/2024

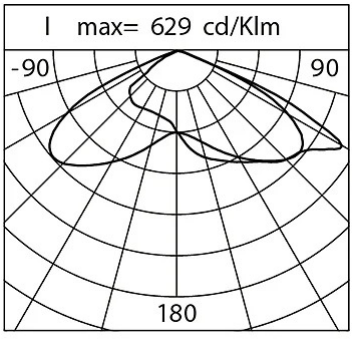
Kosmos Arm Suspension
Size: medium
Color Temperature: 4000 K
Type of optics: LT-64 Asymmetric beam with backlight

06KS2C454025CHM4
Colour: Sablé 100 Noir



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: 7.50 kg
Max exposed surface: 0,140 m^2
Lateral exposed surface: 0,063 m^2
Common mode surge protection: 10 kV
Overvoltage protection differential mode: 10 kV
Driver: included
Driver lifetime: >100.000 h @ Ta 25°C (0,2% / 1000h)
Marks and Certifications: ENEC / CE



Performance Data*

Source flux:	9840 lm
Source power:	49 W
Source efficiency:	200 lm/W
Device flux:	8460 lm
Device power:	53 W
Appliance efficiency:	159 lm/W
Glare Index Category:	D4

Cariboni group

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Optical System
Source: LED R2
Color Temperature: 4000 K
Color Rendering Index (CRI): ≥ 70
Chromatic consistency (SDCM): ≤ 3
Type of optics: LT-64 Asymmetric beam with backlight
Optical group life: >100.000 h @ Ta 25°C L90B10
Photobiological safety class: EXEMPT GROUP
ULOR: 0%
DLOR: 100%
Light intensity category: G*4
BUG rating: B2-U0-G1
Normative References
EN60598-1 / EN60598-2-3 / EN62471 / EN61547

Installation and maintenance
Installation: post top / side pole / arm
Pole diameter: Ø 60 - 76 - 102 mm
Tilt: (pole side) continuous / stepped adjustment -10° +190° (step 5°)
Ø 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
Constant flow output (CLO)	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: **06KS2C454025CHM4**

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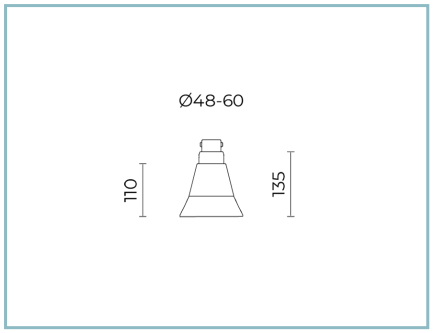
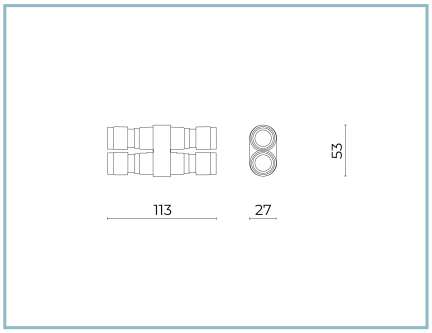
Mandatory accessories



06KS903C0

B79 Fastening kit on Ø 48-60 mm pastoral arms.
Colour: Sablé 100 Noir.



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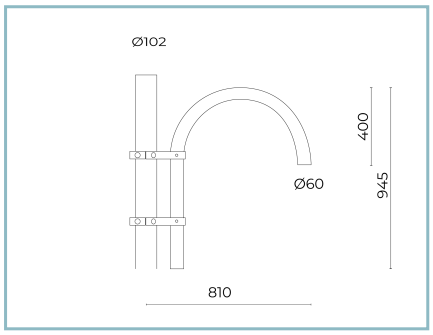
B89 Connector 4 way IP68

Optional accessories



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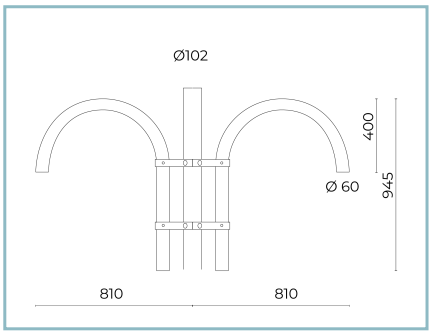
B15 Single curved arm
Ø 60 mm for poles Ø 102 mm. L=810 mm. Colour: Sablé 100 Noir.



01AK936C0

B16 Double curved arm
Ø 60 mm for poles Ø 102 mm. L=810 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.