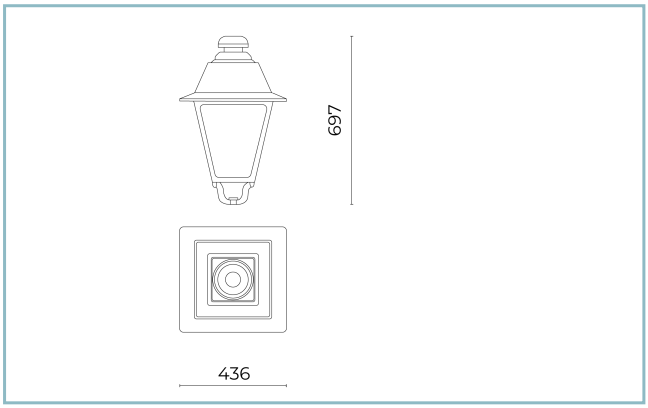
Product Sheet
Rev 08/05/2024

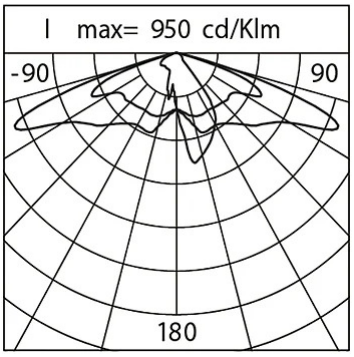
Agathos Post Top
Color Temperature: 2700 K
Type of optics: LT-C1 Cycle path

01AG1C442827CHM4
Colour: Sablé 100 Noir



General Features

Description: lantern designed to house the LED technology
Insulation class: class II
Rated voltage: 220-240 V 50 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: > 0.90
Ambient temperature Ta: -30°C +50°C
Weight: 8.00 kg
Max exposed surface: 0,19 m²
Lateral exposed surface: 0,09 m²
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:	6785 lm
Source power:	37.5 W
Source efficiency:	180 lm/W
Device flux:	5395 lm
Device power:	42 W
Appliance efficiency:	128 lm/W
Glare Index Category:	D5

Cariboni group

Optical System
Source: LED R2
Color Temperature: 2700 K
Color Rendering Index (CRI): ≥ 70
Chromatic consistency (SDCM): ≤ 3
Type of optics: LT-C1 Cycle path
Optical group life: >100.000 h @ Ta 25°C L90B10
Photobiological safety class: EXEMPT GROUP
ULOR: 0%
DLOR: 100%
Light intensity category: G*3

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

Installation and maintenance
Installation: post top
Pole diameter: 3/4
Fixing: post top - standard with 3/4" male gas attachment; on Ø 60 mm poles using the required accessory (code 01AG901C0); on poles with a 3/4" female gas attachment using the required accessory (code 01AG900C0); arm mounted - standard with 3/4" male gas attachment; on arms with a 3/4" female gas attachment using the required accessory (code 01AG900C0); on Ø 60 mm arms using the required accessory (code 01AG902C0).
Ø power cable: 10 ÷ 14 mm
Cable Gland: PG16
Replaceable wiring plate: removable plate
Replaceable optical unit: each LED module is replaceable
Disconnector: automatic (with terminal section 2.5 mm^2)
Power supply compartment: independent from the optical system

Flow adjustment	On request
Virtual Midnight Teaching	X
Constant flow output (CLO)	X
DALI control	X
Power line telemanagement (PLC)	X
Wireless remote management	X

Materials
Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)
Screen: extra clear tempered flat glass 4 mm
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: **01AG1C442827CHM4**

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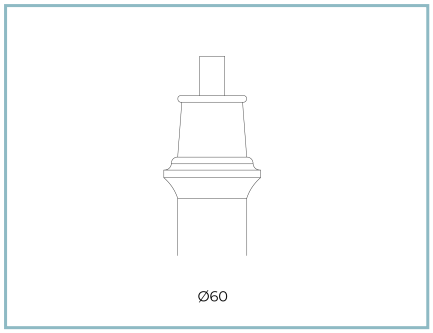
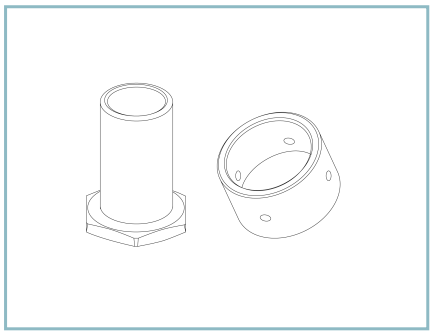
Mandatory accessories



01AG901C0

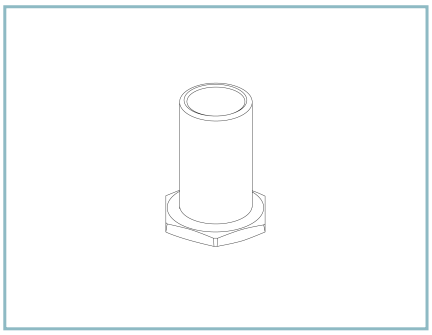
Fastening kit post top
Ø 60 mm H 90 mm. Colour: Sablé 100 Noir.

Optional accessories



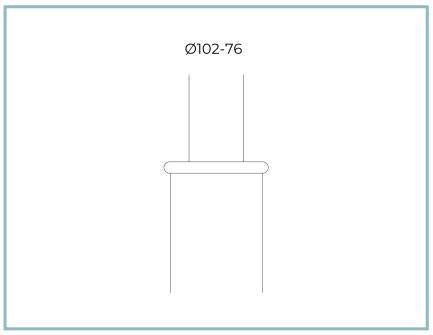
01AG902C0

Fastening adapter 3/4" gas
for arms UP & DOWN Ø 60 mm.



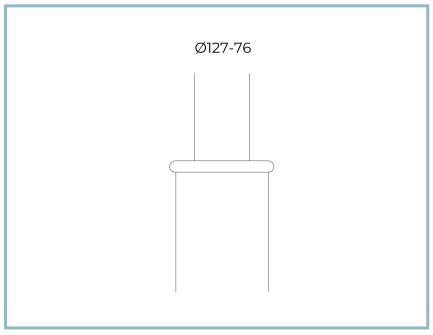
01AG900C0

Fastening kit on poles / arms UP
with female 3/4" gas.



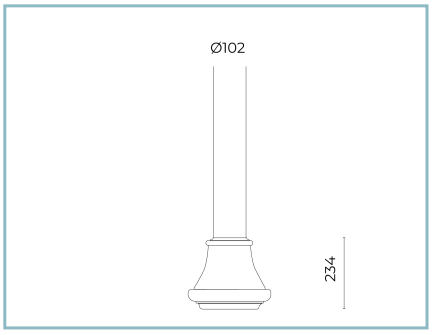
01AK970C0

Collar for pole
Ø 102/76 mm. Colour: Sablé 100 Noir.



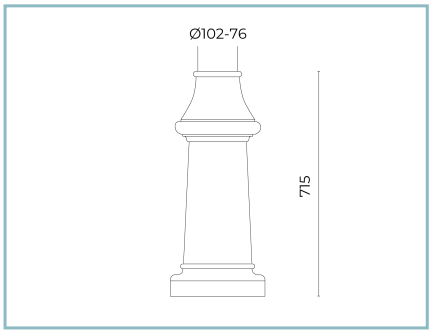
01AK971C0

Collar for pole
Ø 127/76 mm. Colour: Sablé 100 Noir.



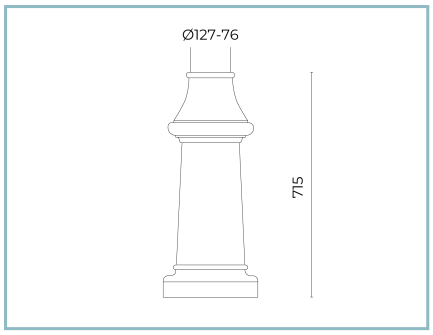
01AK972C0

Low base
for poles Ø 102 mm. Colour: Sablé 100 Noir.



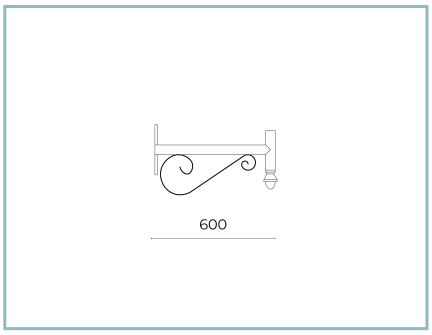
01AK973C0

High base
for poles Ø 102/76 mm. Colour: Sablé 100 Noir.



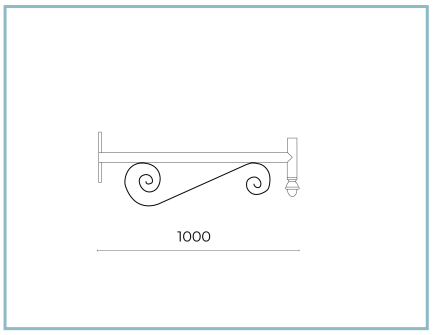
01AK974C0

High base
for poles Ø 127mm. Colour: Sablé 100 Noir.



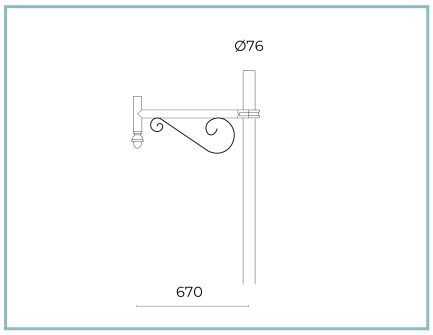
01AG924C0

B64-P Wall-mounted arm
UP L=600 mm. Colour: Sablé 100 Noir.



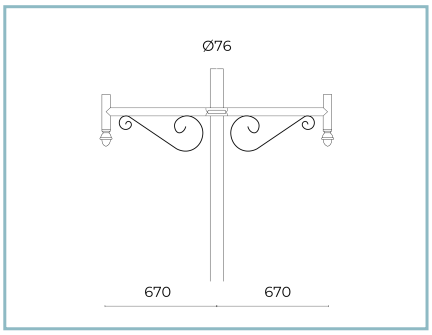
01AG925C0

B65-P Wall-mounted arm
UP L=1000 mm. Colour: Sablé 100 Noir.



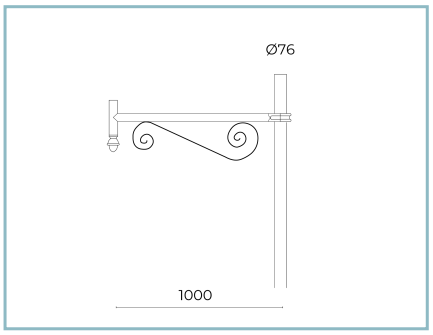
01AG914C0

B64 Single arm UP
for tapered poles Ø 127/76 mm. L=600 mm. Colour: Sablé 100 Noir.



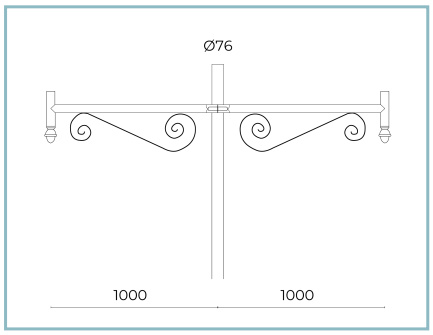
01AG918C0

B68 Double arm UP
for tapered poles Ø 127/76 mm. L=600 mm. Colour: Sablé 100 Noir.



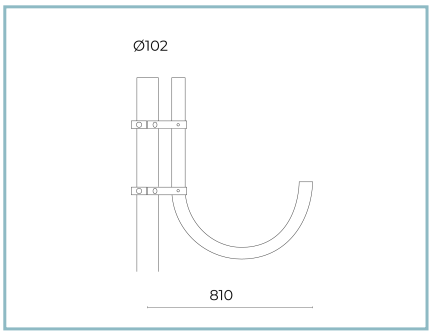
01AG915C0

B65 Single arm UP
for tapered poles Ø 127/76 mm. L=1000 mm. Colour: Sablé 100 Noir.



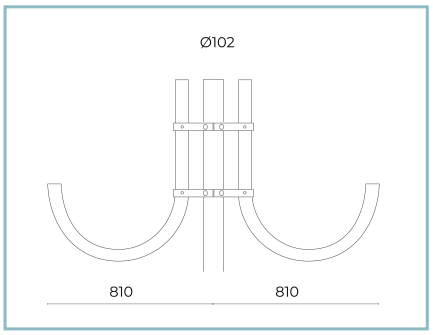
01AG919C0

B69 Double arm UP
for tapered poles Ø 127/76 mm. L=1000 mm. Colour: Sablé 100 Noir.



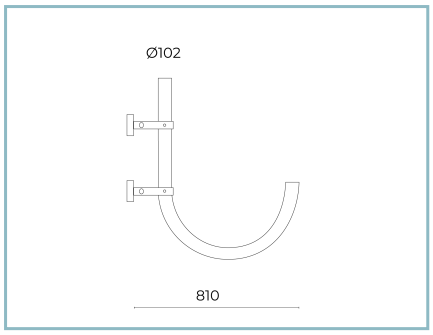
01AG910C0

B60 Single curved arm UP
for cylindrical poles Ø 102 mm. L=810 mm. Colour: Sablé 100 Noir.



01AG911C0

B61 Double curved arm UP
for cylindrical poles Ø 102 mm. L=810 mm. Colour: Sablé 100 Noir.



01AG922C0

B60-P Curved wall-mounted arm
UP 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.