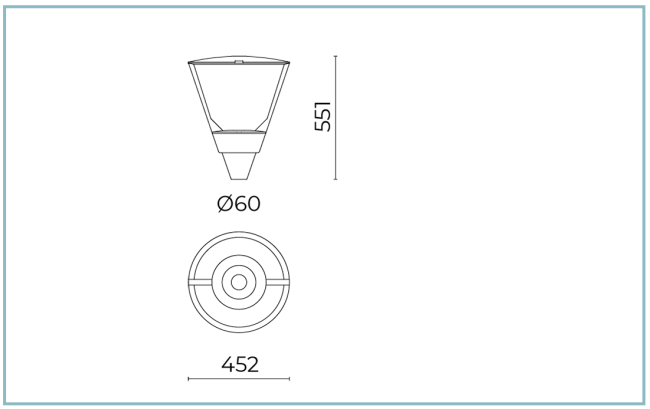
Product Sheet
Rev. 11/07/2024

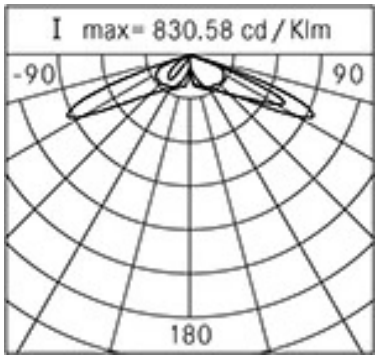
Kalos Post Top
Options: 2 arms
Color Temperature: 3000 K
Type of optics: LT-06 Asymmetric beam

01KA4D63937CHM4
Colour: Sablé 100 Noir



General Features

Description: LED luminaire
Insulation class: classe II
Rated voltage: 220-240 V 50/60 Hz
Protection Grade: IP66
Impact protection: IK09
Surge protection device: integrated 10kV-10kA, integrated device complete with thermal fuse for disconnection at the end of life; impulse withstand CL II 10kV CM/DM
Power Factor: > 0.90
Ambient temperature Ta: -30°C +50°C
Weight: 8.00 kg
Max exposed surface: 0,16 m^2
Lateral exposed surface: 0,068 m^2
Common mode surge protection: 10 kV
Overvoltage protection differential mode: 10 kV
Driver: included
Marks and Certifications: ENEC / CE



Performance Data*

LED Current:	350 mA
Source flux:	6460 lm
Source power:	34.5 W
Source efficiency:	187 lm/W
Device flux:	4780 lm
Device power:	39 W
Appliance efficiency:	123 lm/W
Glare Index Category:	D5

Cariboni group

Optical System
Source: LED R3
Color Temperature: 3000 K
Color Rendering Index (CRI): ≥ 70
Chromatic consistency (SDCM): ≤ 4
Type of optics: LT-06 Asymmetric beam
Optical group life: >160.000h @700mA @Ta25°C TM21 L80B20 >160.000h @700mA @Ta25°C TM21 L80B10
Photobiological safety class: EXEMPT GROUP
ULOR: 0%
DLOR: 100%
Light intensity category: G*6
BUG rating: B1-U0-G1
Normative References
EN60598-1 / EN60598-2-3 / EN62471 / EN61547

Installation and maintenance
Installation: post top, pole side
Pole diameter: (testa palo) Ø 60 mm (76 - 102 mm con accessori), (lato palo) Ø 102 mm
Fixing: 3 x AISI 304 stainless steel securing bolts
Ø power cable: 8 ÷ 13 mm
Cable gland: M20
Replaceable wiring plate: removable plate
Replaceable optical unit: LED disc replacement
Power supply compartment: independent from the optical system

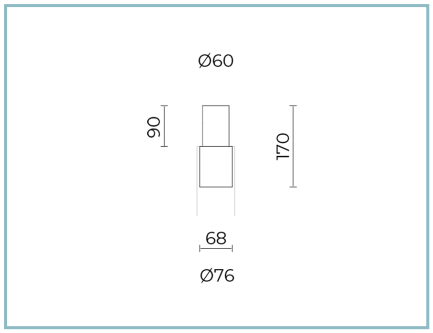
Flow adjustment	On request
Virtual Midnight Teaching	X
Constant flow output (CLO)	X
Adjusting 1-10V	X
DALI control	X
Mains voltage variation	X
Power line telemanagement (PLC)	X
Wireless remote management	X

Materials
Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)
Screen: tempered flat glass 5 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: self-extinguishable technopolymer V0
Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

Colors

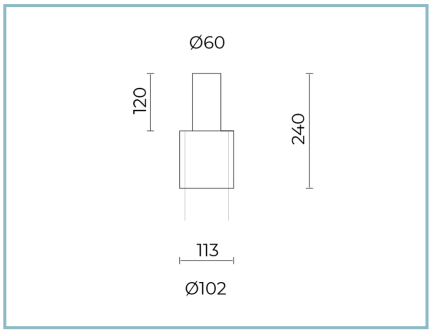
Sablé 100 Noir	Code: **01KA4D63937CHM4**

Optional accessories



01AY904C0

L7 Reduction Ø 60-68 mm
for poles Ø 76 mm. Colour: Sablé 100 Noir.



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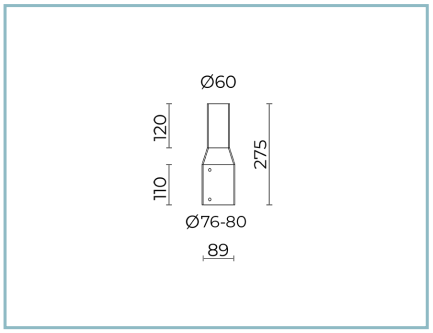
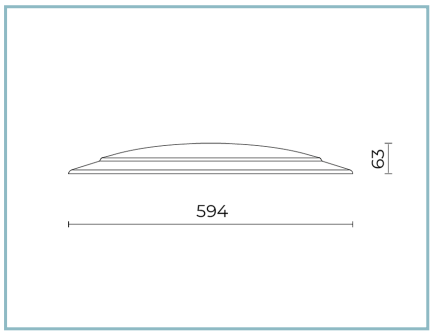
Reduction fastening part Ø 60 mm H. 120 mm
for poles Ø 102 mm. Colour: Sablé 100 Noir.



01AK980C0

B200 Pole adapter
Ø 76-80 mm top Ø60 mm. Colour: Sablé 100 Noir.



01KA901C0

Cover for KALOS with 4 brackets on post top or on arm for upwards installation. 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.