

General Features

Description: LED fitting for lighting façades, paths

and urban spaces Insulation class: class II

Rated voltage: 220-240 V 50/60 Hz

Protection Grade: IP66

Impact protection: IK09

Surge protection device: integrated 10kV-10kA

Power Factor: > 0.95

Ambient temperature Ta: -30°C +50°C

Weight: 6 kg

Max exposed surface: 0.119 m²

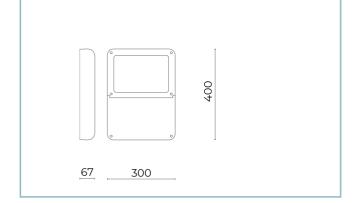
Lateral exposed surface: 0.026 m²

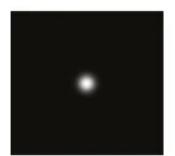
Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Driver: included

Marks and Certifications: ENEC / ENEC+ / CE





H (m)	Ø (m)	Em (lux)
1	0.1	340894
2	0.2	85223
3	0.3	37877
4	0.4	21305
5	0.5	13636

Performance Data*

LED Current:	500 mA
Source flux:	4710 lm
Source power:	33.5 W
Source efficiency:	140 lm/W
Device flux:	3390 lm
Device power:	37 W
Appliance efficiency:	91 lm/W
Glare Index Category:	D6



Optical System

	Source: LED L6
--	----------------

Color Temperature: 2700 K

Color Rendering Index (CRI): ≥ 80

Chromatic consistency (SDCM): ≤ 3

Type of optics: U-C 6° Ultra-narrow beam

Optical group life: >100.000h @ Ta 25°C L90B10

Photobiological safety class: EXEMPT GROUP

ULOR: 0%

DLOR: 100%

Light intensity category: G*6

BUG rating: B3-U0-G0

Normative References

EN60598-1 / EN60598-2-5 / EN62471 / EN61547

Installation and maintenance

Installation: wall, ceiling, ground, pole side

Tilt: (wall, ground) with adjustable joint can be tilted from -90° to +90° and rotated from -15° to +15°; the pointing and locking system is continuously adjustable; (pole side) with adjustable joint can be tilted from -70° to +90° and rotated by 0° / 180°; the pointing and locking system is continuously adjustable.

Ø power cable: 10 ÷ 14 mm

Cable Gland: PG16

Power supply compartment: independent from the optical group

Flow adjustment	Standard
DALI control	Х

Materials

Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Screen: tempered flat glass 4 mm

Lenses: high-transparency PMMA

Seals: anti-age silicone

Screws: stainless steel AISI 304

Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

Colors

Sablé 100 Noir

Code: 06LN2C4508C3CHL



Complements



06LN908C0

B232 Adjustable joint

for arms and poles Ø60mm. Colour: Sablè 100 Noir.

Ø60-76 Ø48 143

06AK903C0

L3 Joint kit

single for Ø 60-76 mm poles. Colour: Sablé 100 Noir.

Ø102

292

Ø60-76
Ø48
173

06AK904C0

06LN912B0

B240 Lightshade visor kit.

L4 Joint kit double for Ø 60-76 mm poles. Colour: Sablé 100 Noir.

Ø102
225

100 202

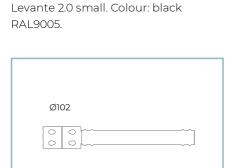
06AK916C0

B139 Single ring Ø102mm. Colour: Sablè 100 Noir.



06AK917C0

B140 Double ring for pole Ø102mm. Colour: Sablè 100 Noir.



550

06AK907C0

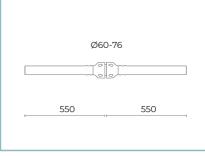
B155 Single arm for poles Ø 102 mm. L=550 mm. Colour: Sablé 100 Noir.

Ø60-76	
	550

06AK921C0

B1 Single arm

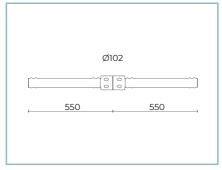
Ø 60 mm for poles Ø 60-76 mm. L=550 mm. Colour: Sablé 100 Noir.



06AK922C0

B2 Double arm Ø 60 mm for poles Ø 60-76 mm. L=550 mm. Colour: Sablé 100 Noir.





06AK909C0

B157 Double arm for poles Ø 102 mm. L=550 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.

