Product Sheet
Rev. 27/09/2023

Omikron Flood
Options: for poles Ø 102 mm
Color Temperature: 3000 K
Type of optics: M 25° Medium beam

06OM2A149A9C
Colour: Sablé 100 Noir

General Features

Description: LED floodlight

Insulation class: class II

Rated voltage: 220-240 V 50 Hz

Protection Grade: IP66

Impact protection: IK08

Power Factor: > 0.9
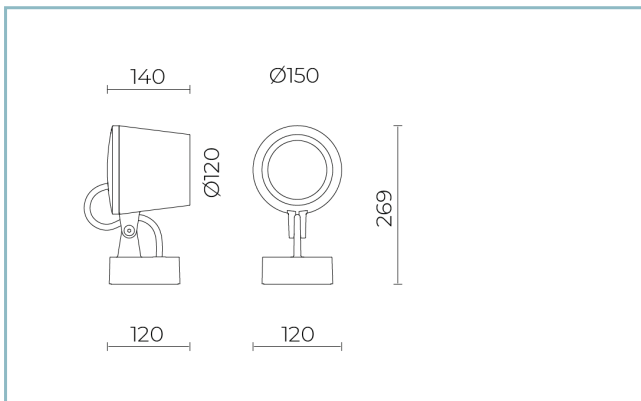
Ambient temperature Ta: -30°C +50°C

Weight: 2.00 kg

Max exposed surface: 0,027 m²

Lateral exposed surface: 0,027 m²

Driver: included

Marks and Certifications: CE

H (m)	Ø (m)	Em (lux)
1	0.42	1484
2	0.84	371
3	1.26	165
4	1.68	93
5	2.08	59

Performance Data*

LED Current:	500 mA
Source flux:	1800 lm
Source power:	17 W
Source efficiency:	106 lm/W
Device flux:	1260 lm
Device power:	20 W
Appliance efficiency:	63 lm/W
Glare Index Category:	D6

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Optical System

Source: CoB LED

Color Temperature: 3000 K

Color Rendering Index (CRI): ≥ 90

Chromatic consistency (SDCM): ≤ 3

Type of optics: M 25° Medium beam

Optical group life: >60.000h @Ta25°C L80B10

Photobiological safety class: EXEMPT GROUP

ULOR: 0%

DLOR: 100%

Light intensity category: G*6

Normative References

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

Installation and maintenance

Installation: ceiling / wall / ground / pole side

Pole diameter: Ø 102 mm

Tilt: -90° +45°, continously-adjustable pointing and locking system

Fixing: fixing base made of die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%), which can be rotated ± 30°

Wiring: pre-wired product

Ø power cable: 9 ÷ 14 mm

Cable Gland: M29

Power supply compartment: independent from the optical group

Flow adjustment   On request

DALI control   X

Materials

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

Screen: tempered flat glass

Lenses: highly transparent technopolymer lenses

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

Seals: expanded anti-age silicone foam

Screws: stainless steel AISI 304
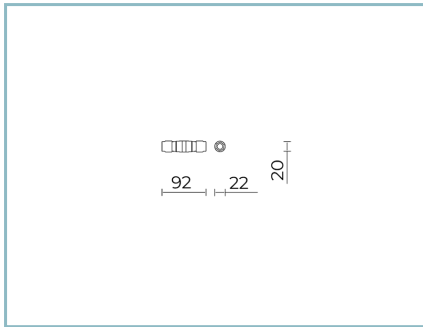
Wiring plate: zinc-plated steel

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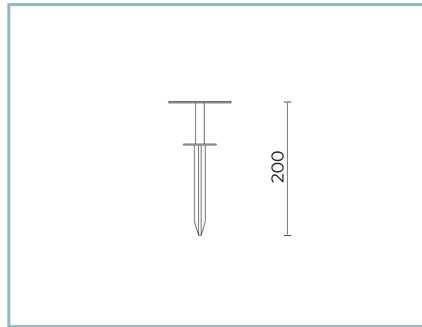
Colors

■ Sablé 100 Noir   Code: **06OM2A149A9C**

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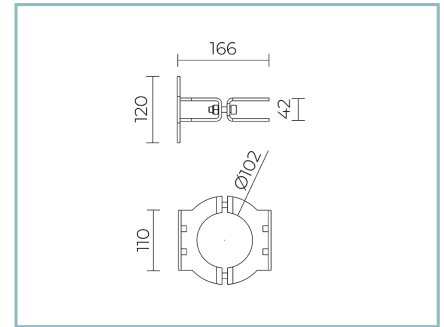Colour: Sablé 100 Noir
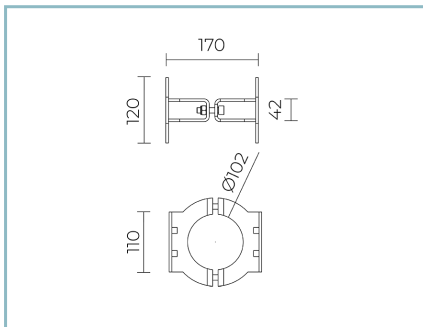
Complements

06KS918C0

B137 2 - way connector IP68

06OM901C0

B135 Picket for ground installation
L=200 mm. Colour: Sablè 100 Noir.

06OM904C0

B136 Single pole ring
for Ø 102 mm. Colour: Sablé 100 Noir.

06OM905C0

B137 Double pole ring
for Ø 102 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.

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