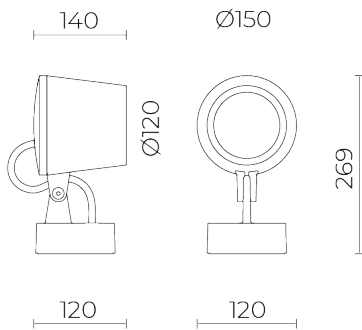
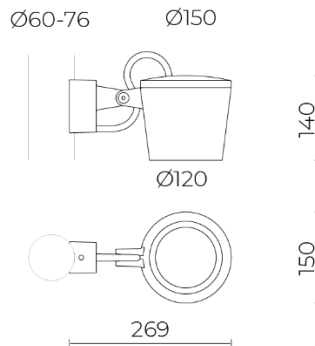


Flood



Pole



General features

Description: LED device for the illumination of architecture and venues for culture, social activities and free time.

Insulation class: class II

Nominal voltage: 220-240 V/50-60 Hz

Protection level: IP66

Protection against impact: IK08

Power factor: > 0.9

Ambient temperature Ta: -30°C +50°C

Weight: 2.00 kg

Maximum exposed surface: 0.027 m²

Exposed lateral surface: 0.027 m²

Driver: included

Marks and Certifications: CE

Classification: CUT OFF

Materials

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

Screen: flat tempered glass; acid-etched glass (version with U-D 90° optics)

Optical unit: high-transparency technopolymer lenses

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

Seal: anti-age expanded silicone

Screws: AISI 304 stainless steel

Finish: phosphochromatisation-treated and polyester powder-coated

Colours

Sablé 100 Noir

Installation and maintenance

Installation: pole side / ceiling-wall-floor

The features of the product listed above may be subjected to change without notice. They will have to be confirmed in case of order. In order to facilitate a constant updating of their products, Cariboni Group reserves the right to make changes without prior notice.

Pole diameter: Ø 60 - 76 mm

Mounting: mounting base in die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%) for Ø 60 - 76 mm poles. Rotatable by ±30° (Flood version)

Inclination: +90° -45° infinitely-adjustable pointing and fixing system (Flood version), 0° -45° infinitely-adjustable pointing and fixing system (Pole version)

Ø power cable: 9 ÷ 14 mm

Cable gland: M29

Power supply compartment: independent from the optical unit

Optical system

N.I high intensity chip on board (COB) white 4000K, 3000K set on a base in heatsink aluminium. Optical system composed of high-transparency technopolymer lenses

CRI (colour rendering index): ≥ 90

Chromatic consistency (SDCM): ≤ 3

Optical unit life expectancy: >60.000h @Ta25°C L80B10

Photobiological safety class: EXEMPT GROUP

ULOR: 0% - DLOR: 100%

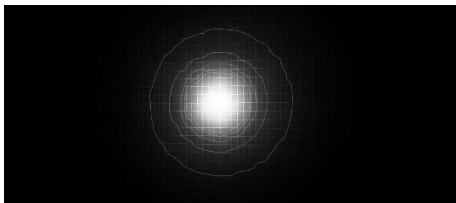
Light intensity category: G*6

Normative framework

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

Optics

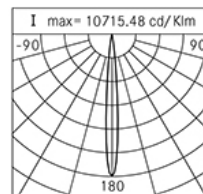
C 10°



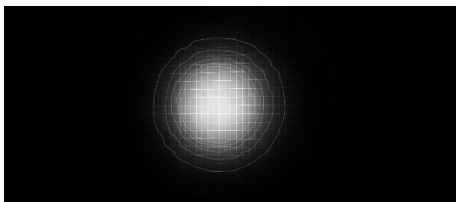
Flood

H (m)	Ø (m)	Em (lux)
1	0.16	9037
2	0.34	2259
3	0.50	1004
4	0.68	565
5	0.84	361

Pole



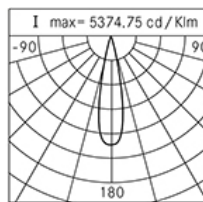
M 25°



Flood

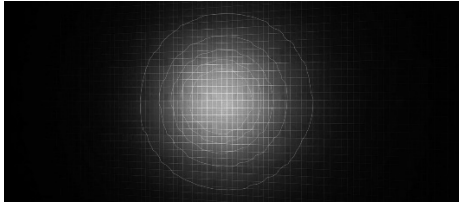
H (m)	Ø (m)	Em (lux)
1	0.42	1484
2	0.84	371
3	1.26	165
4	1.68	93
5	2.08	59

Pole



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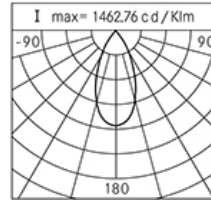
D 45°



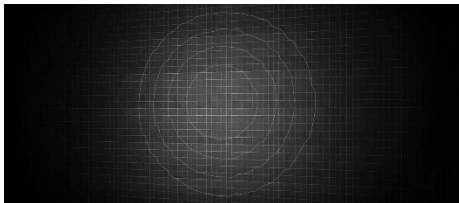
Flood

H (m)	Ø (m)	Em (lux)
1	0.8	1415
2	1.6	354
3	2.3	157
4	3	88
5	3.8	57

Pole



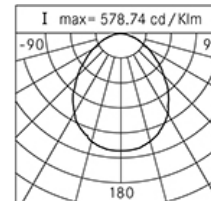
U-D 90°



Flood

H (m)	Ø (m)	Em (lux)
1	2	205
2	4.2	51
3	6.3	23
4	8.5	13
5	10.5	8

Pole



Performance data

OPTICS NARROW BEAM 10°/MEDIUM BEAM 25°/ WIDE BEAM 45°/ULTRA-WIDE BEAM 90°									
Options	Sources	mA	K	φ mod [lm]	P mod [W]	η mod [lm/W]	φ app [lm]	P app [W]	η app [lm/W]
Flood	LED	500	4000	1875	17	110	1310	20	66
Flood	LED	500	3000	1800	17	106	1260	20	63
Pole	LED	500	4000	1875	17	110	1310	20	66
Pole	LED	500	3000	1800	17	106	1260	20	63

Data of the lighting source flux and efficiency refer to the LED module, without lenses. In case you need data of the LED module complete with lenses, please multiply the mentioned data by 0.9 factor.
Values indicated in this technical sheet are to be considered nominal values with a tolerance of +/-7%.

Legend

mA = Power supply

K = Colour temperature

φ mod [lm] = Source flux

P mod [W] = Source power

η mod [lm/W] = Source efficiency

φ app [lm] = Unit flux

P app [W] = Unit power

η app [lm/W] = Unit efficiency

Group Management: DALI flow adjustment (on request)

DALI — This is a digital control system where every device is assigned a unique address that allows individual light points to be controlled and control groups to be created.

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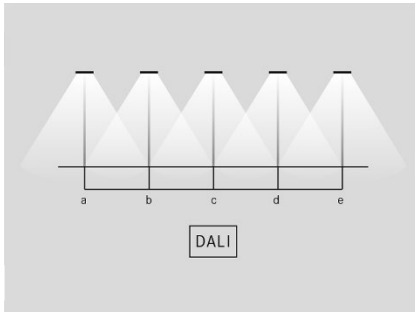
Line sheet
Rev 17.01.23

Omikron

Options: Flood, Pole
Colour temperature: 4000K/3000K
Type of optics: narrow beam 10°
medium beam 25°
wide beam 45°
ultra-wide beam 90°

060M_____

Colour: Sablé 100 Noir



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