Sigma Flood Size: medium Color Temperature: 4000 K Type of optics: U-D 90° Diffused beam



General Features

Description: LED floodlight Insulation class: class II (class I on request)

Rated voltage: 220-240 V 50/60 Hz

Protection Grade: IP66

Impact protection: IK08

Power Factor: > 0.90

Ambient temperature Ta: -30°C +50°C

Weight: 9,1 kg

Max exposed surface: 0,13 m²

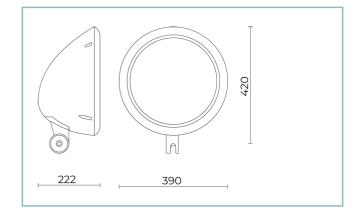
Lateral exposed surface: 0,075 m²

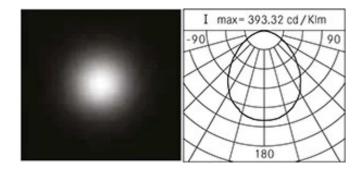
Common mode surge protection: 10 kV

Overvoltage protection differential mode: 6 kV

Driver: included

Marks and Certifications: ENEC/CE





Performance Data*

LED Current:	350 mA
Source flux:	7360 lm
Source power:	47 W
Source efficiency:	157 lm/W
Device flux:	5480 lm
Device power:	51.5 W
Appliance efficiency:	106 lm/W
Glare Index Category:	D6



Sigma Flood Size: medium Color Temperature: 4000 K Type of optics: U-D 90° Diffused beam

Optical System

prical System
ource: LED L12
color Temperature: 4000 K
Color Rendering Index (CRI): ≥ 80
Chromatic consistency (SDCM): ≤ 3
ype of optics: U-D 90° Diffused beam
ptical group life: >100.000h @Ta25°C L80B10
hotobiological safety class: EXEMPT GROUP
JLOR: 0%
DLOR: 100%
ight intensity category: G*6
lormative References
N60598-1 / EN60598-2-3 / EN62471 / EN61547
nstallation and maintenance
nstallation: wall / ceiling / ground / side pole / arm
ole diameter: Ø 60 - 76 - 102 mm
ilt: -90° +35°, continously-adjustable pointing and lockin ystem.
ixing: fixing base made of die-cast aluminium alloy UNI
N AB 47100 (copper content < 1%), wich can be rotated 0°
Viring: pre-wired product
) 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

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

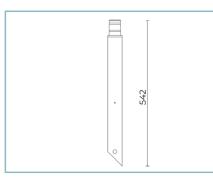
Sablé 100 Noir

Code: 06SG4E830C4CHL



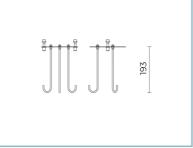
Sigma Flood Size: medium Color Temperature: 4000 K Type of optics: U-D 90° Diffused beam

Complements



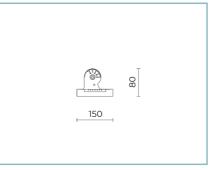
06LT908C0

B117 Picket for ground installation LIT/SIGMA 1xØ60x542. Colour: Sablè 100 Noir.



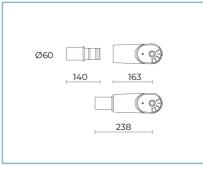
06LT909J0

B118 Anchor for concrete L=200 mm.



06SG903C0

B127 Adjustable joint which can be rotated ±30° and tilted -90° + 35°. Colour: Sablè 100 Noir.



06SG904C0

B128 Adjustable joint for ring and arm Ø 60mm and for picket. Colour: Sablè 100 Noir.

06KS909C0

B89 Connector 4 way IP68

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.

