**Sigma Flood** Size: small Color Temperature: 2700 K Type of optics: D 40° Wide 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: IK09

Power Factor: > 0.90

Ambient temperature Ta: -30°C +50°C

Weight: 9,1 kg

Max exposed surface: 0,13 m<sup>2</sup>

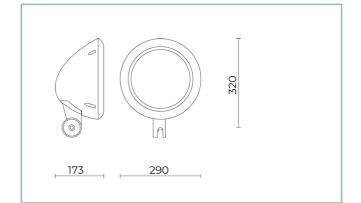
Lateral exposed surface: 0,075 m<sup>2</sup>

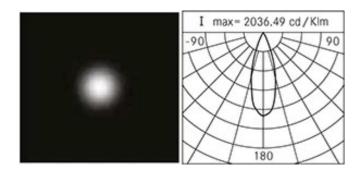
Common mode surge protection: 10 kV

Overvoltage protection differential mode: 6 kV

Driver: included

Marks and Certifications: ENEC/CE





#### Performance Data\*



**Optical System** Source: LED L4

Sigma Flood Size: small Color Temperature: 2700 K Type of optics: D 40° Wide beam

Color Temperature: 2700 K	
Color Rendering Index (CRI): ≥ 80	Materia
Chromatic consistency (SDCM): ≤ 3	Body: di
Type of optics: D 40° Wide beam	content
Optical group life: >100.000h @Ta25°C L80B10	Screen:
Photobiological safety class: EXEMPT GROUP	Lenses:
ULOR: 0%	Fixing sy
DLOR: 100%	(copper
Light intensity category: G*6	Seals: ex
Normative References	Screws:
 EN60598-1 / EN60598-2-3 / EN62471 / EN61547	Wiring p
	Finish: p powder
Installation and maintenance	
Installation: wall / ceiling / ground / side pole / arm	Colors
Pole diameter: Ø 60 - 76 - 102 mm	Sable
Tilt: -90° +35°, continously-adjustable pointing and locking system.	
Fixing: fixing base made of die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%), wich can be rotated ± 30°	
Wiring: pre-wired product	
Ø power cable: 10 ÷ 14 mm	
Cable Gland: PG16	
Power supply compartment: independent from the	

optical group

Flow adjustment	Standard
DALI control	Х

#### als

die-cast aluminium alloy UNI EN AB 47100 (copper t < 1%)

tempered flat glass

high-transparency PMMA

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

expanded anti-age silicone foam

stainless steel AISI 304

plate: zinc-plated steel

phospho-chromatation treated and polyester r-coated in 16 phases to increase weather resistance

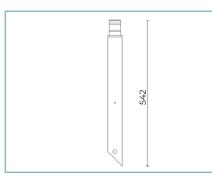
lé 100 Noir

Code: 06SG3B608C0CHL



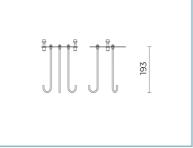
#### **Sigma Flood** Size: small Color Temperature: 2700 K Type of optics: D 40° Wide beam

### Complements



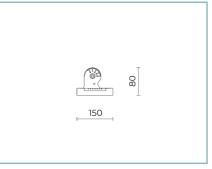
06LT908C0

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



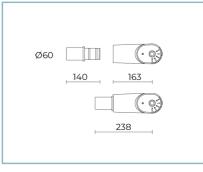
#### 06LT909J0

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

113 27

### 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.

