**Sigma Flood** Size: small 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: 5,1 kg

Max exposed surface: 0,06 m<sup>2</sup>

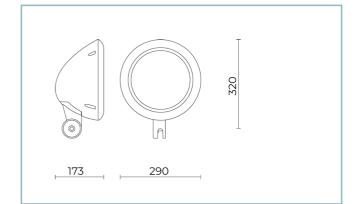
Lateral exposed surface: 0,042 m<sup>2</sup>

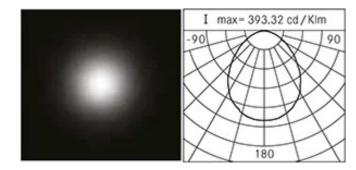
Common mode surge protection: 10 kV

Overvoltage protection differential mode: 6 kV

Driver: included

Marks and Certifications: CE





#### Performance Data\*

LED Current:	525 mA
Source flux:	3575 lm
Source power:	23 W
Source efficiency:	155 lm/W
Device flux:	2660 lm
Device power:	26.5 W
Appliance efficiency:	100 lm/W
Glare Index Category:	D6



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

# Optical System

Optical System	
Source: LED L4	
Color Temperature: 4000 K	
Color Rendering Index (CRI): ≥ 80	
Chromatic consistency (SDCM): ≤ 3	
Type of optics: U-D 90° Diffused beam	
Optical group life: >100.000h @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: wall / ceiling / ground / side pole / arm	
Pole diameter: Ø 60 - 76 - 102 mm	
Tilt: -90° +35°, continously-adjustable pointing and lockin	ıg
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

Х

#### aterials

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

reen: tempered flat glass

enses: high-transparency PMMA

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

als: expanded anti-age silicone foam

rews: stainless steel AISI 304

ring plate: zinc-plated steel

nish: phospho-chromatation treated and polyester wder-coated in 16 phases to increase weather resistance

#### olors

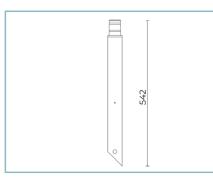
Sablé 100 Noir

Code: 06SG3B650C4CHL



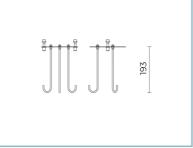
#### **Sigma Flood** Size: small Color Temperature: 4000 K Type of optics: U-D 90° Diffused beam

#### Complements



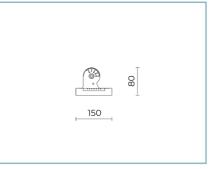
06LT908C0

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



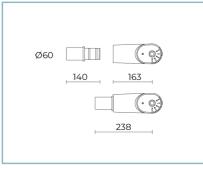
#### 06LT909J0

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

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.

