**Sigma Flood** Size: small Color Temperature: 4000 K Type of optics: C 11° Narrow 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: 5,1 kg

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

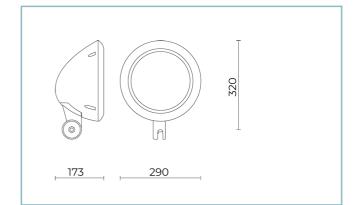
Lateral exposed surface: 0,042 m<sup>2</sup>

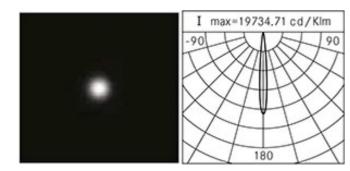
Common mode surge protection: 10 kV

Overvoltage protection differential mode: 6 kV

Driver: included

Marks and Certifications: CE





#### Performance Data\*

LED Current:	700 mA
Source flux:	4550 lm
Source power:	31.5 W
Source efficiency:	144 lm/W
Device flux:	3970 lm
Device power:	35 W
Appliance efficiency:	113 lm/W
Glare Index Category:	D6



Sigma Flood Size: small Color Temperature: 4000 K Type of optics: C 11° Narrow beam

Optical	System
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Optical System	
Source: LED L4	DALI
Color Temperature: 4000 K	
Color Rendering Index (CRI): ≥ 80	Mater
Chromatic consistency (SDCM): ≤ 3	Body:
Type of optics: C 11° Narrow beam	
Optical group life: >100.000h @Ta25°C L80B10	Screer
Photobiological safety class: EXEMPT GROUP	
ULOR: 0%	Fixing
DLOR: 100%	(copp
Light intensity category: G*6	Seals:
Normative References	Screw
	Wiring
	Finish
	powd
Installation and maintenance	
Installation: wall / ceiling / ground / side pole / arm	Colors
Pole diameter: Ø 60 - 76 - 102 mm	Sa
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	

Power supply compartment: independent from the optical group

Flow adjustment	Standard
DALI control	Х

## rials

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

en: tempered flat glass

es: high-transparency PMMA

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

expanded anti-age silicone foam

vs: stainless steel AISI 304

ng plate: zinc-plated steel

h: phospho-chromatation treated and polyester der-coated in 16 phases to increase weather resistance

## rs

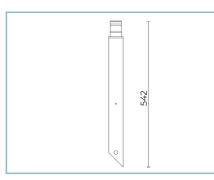
ablé 100 Noir

Code: 06SG3B600B8CHL



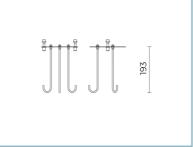
Sigma Flood Size: small Color Temperature: 4000 K Type of optics: C 11° Narrow beam

## Complements



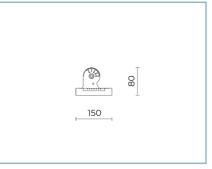
06LT908C0

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



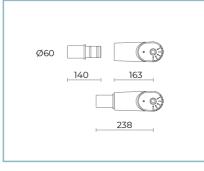
#### 06LT909J0

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.



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.

