Product Sheet
Rev. 25/03/2022

Levante Floodlight
Size: small
Color Temperature: 3000 K
Type of optics: asymmetrical wide beam AS-D

06LV3B8097AHM3
Colour: Grey RAL9006

General Features

Description: LED floodlight

Insulation class: class II

Rated voltage: 230 V 50 Hz

Protection Grade: IP66

Impact protection: IK07

Power Factor: > 0.90

Ambient temperature Ta: -30°C +50°C

Weight: 3.00 kg

Max exposed surface: 0,08 m²

Lateral exposed surface: 0,0165 m²

Common mode surge protection: 6 kV

Overvoltage protection differential mode: 10 kV

Drivers: included

Marks and Certifications: ENEC / CE

I max= 696.18 cd/ Klm
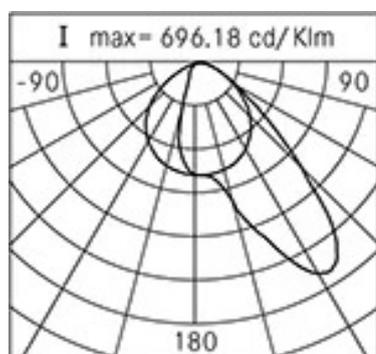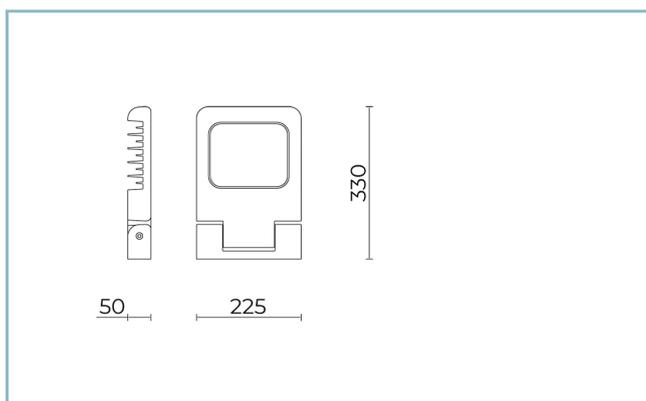
Performance Data*

LED Current:	700 mA	525 mA	350 mA
Source flow:	5795 lm	4565 lm	3210 lm
Source power:	36 W	26.5 W	17.5 W
Source efficiency:	161 lm/W	172 lm/W	183 lm/W
Device flow:	4805 lm	3785 lm	2665 lm
Device power:	40.5 W	31 W	21 W
Appliance efficiency:	119 lm/W	122 lm/W	127 lm/W
Glare Index Category:	D4	D4	D4

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Optical System

Source: LED R1,5	
Color Temperature: 3000 K	
Color Rendering Index (CRI): ≥ 70	
Color Consistency (SDCM): ≤ 4	
Type of optics: asymmetrical wide beam AS-D	
Optical group life: >160.000h @700mA @Ta25°C TM21 L80B20 >160.000h @700mA @Ta25°C TM21 L80B10	
Photobiological safety class: EXEMPT GROUP	
ULOR: 0%	
DLOR: 100%	
Light intensity category: G*6	

Normative References

EN60598-1 / EN60598-2-3 / EN60598-2-5 / EN62471 / EN61547

Installation and maintenance

Installation: wall / ground / pole
Pole diameter: Ø 60 - 76 - 102 mm
Tilt: fastened or adjustable with step 15°
Fixing: adjustable bracket with click positioning and a 15° step
Ø power cable: 10 ÷ 14 mm
Cable gland: PG11

Flow adjustment

	Standard	On request
Virtual Midnight Teaching	X	
Arrangement for Zhaga connector (Book 18)		X
Adjusting 1-10V		X
DALI control		X
Mains voltage variation		X
Pilot line		X
Power line telemanagement (PLC)		X
Wireless remote management		X
Provision for motion/light sensors		X

Materials

Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)
Lenses: PMMA
Seals: extruded anti-age silicone
Screws: stainless steel AISI 304
Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

Colors

■ Grey RAL9006	Code:	**06LV3B8097AHM3**

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Complements
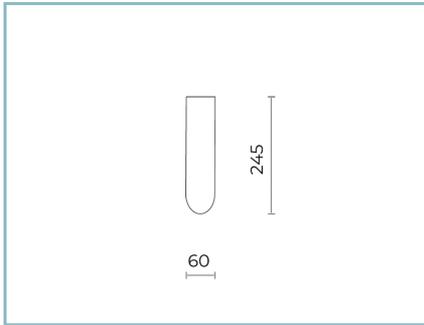
06AK953C0

I1 Spike for ground installation
Colour: Sablé 100 Noir.
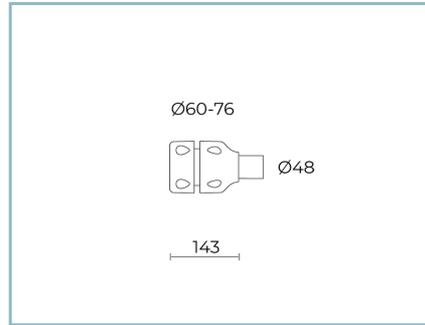
06AK903A0

L3 Single joint kit
for Ø 60-76 mm poles. Colour: grey
RAL9006.
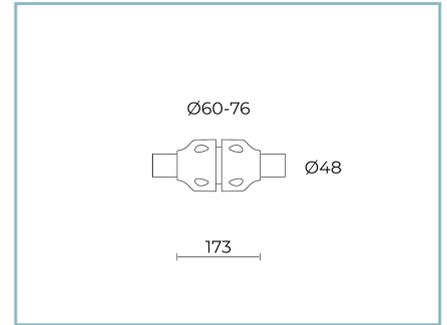
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L4 Double joint kit
for Ø 60-76 mm poles. Colour: grey
RAL9006.
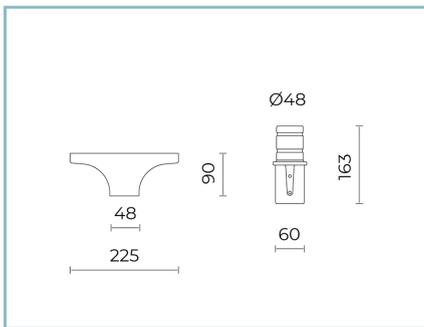
06AK952A0

L9 Joint LEVANTE SMALL
for Ø 60 mm pole. Colour: grey
RAL9006.
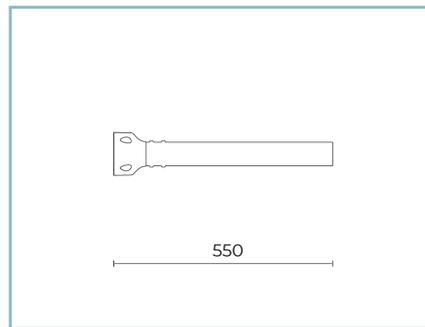
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B1-P Wall-mounted arm.
Colour: grey RAL9006.

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.

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