

**Product Sheet****Levante Floodlight**

Options: medium  
 Colour temperature: 4000 K  
 Type of optics: rotosymmetrical LR-20

**06LV6E80042AHM3**

Colour: grey RAL9006

Project Num.

Date

**General features**

Description: LED floodlight

Insulation class: class II

Nominal voltage: 230 V 50 Hz

Protection level IP: IP66

Protection against impact: IK07

Surge Protection Device: integrated 10kV-10kA, Type 3, equipped with LED signaling and thermofusible for disconnection at the end of life; impulse withstand CL II 10kV DM

Power factor: &gt; 0.90

Ambient temperature Ta: -30°C +50°C

Weight: 8.00 kg

Maximum exposed surface: 0.17 m<sup>2</sup>Lateral exposed surface: 0,04 m<sup>2</sup>

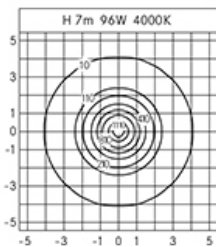
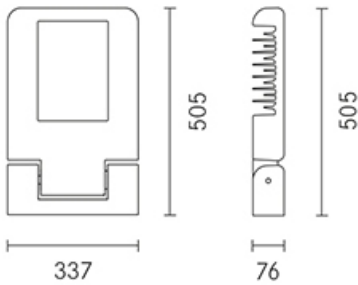
Common mode overvoltage protection: 10 kV

Differential mode overvoltage protection: 10 kV

Driver: included

Labels and Certifications: ENEC / CE

Warranty: 5 years for LED fittings

**Performance Data\***

LED current:	700 mA	525 mA	350 mA
Flux source:	15885 lm	12585 lm	8900 lm
Power source:	96 W	71 W	46,5 W
Efficiency of source:	165 lm/W	177 lm/W	191 lm/W
Flux fitting:	13665 lm	10825 lm	7655 lm
Power fitting:	104,5 W	79 W	53 W
Efficiency of fitting:	131 lm/W	137 lm/W	144 lm/W
Dazzling index category:	D6	D6	D6

### Optical System

Source: LED R4

Colour temperature: 4000 K

Colour rendering index (CRI):  $\geq 70$

Type of optics: rotosymmetrical LR-20

Optical unit lifetime:  $>160,000\text{h}$  @700mA @Ta25°C TM21 L80B20  
 $>160,000\text{h}$  @700mA @Ta25°C TM21 L80B10

Photobiological safety class: EXEMPT GROUP

ULOR: 0%

DLOR: 100%

Luminous intensity category: G\*6

### Normative framework

EN605981 / EN60598-2-3 / EN60598-2-5 / EN62471 / EN61547

### Flux regulation

	Standard	On request
Self-learning virtual midnight	X	
Constant Light Output (CLO)		X
1-10V Regulation		X
Main voltage variation		X
Pilot line		X
DALI Regulation		X
Remote control system (PLC) telemanagement		X
Wireless telemanagement		X
Motion / brightness detectors		X

### Installation and maintenance

Installation: wall / ground / pole

Poles diameter:  $\varnothing 60 - 76 - 102$  mm

Inclination: fastened or adjustable with step  $15^\circ$

Fastening: adjustable bracket with click positioning and a  $15^\circ$  step

$\varnothing$  power cable:  $10 \div 14$  mm

Cable gland: PG16

### Materials

Body: die-cast aluminium alloy UNI EN AB 47100 (copper content  $< 1\%$ )

Lenses: PMMA

Seal: extruded anti-age silicone

Screws: stainless steel AISI 304

Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

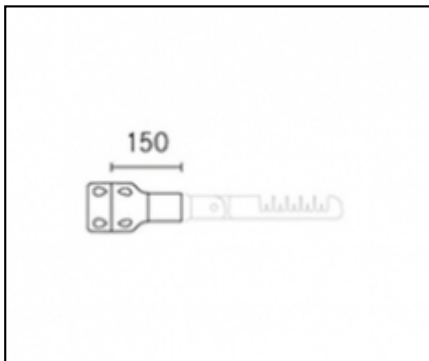
### Colors

grey RAL9006 Cod. **06LV6E80042AHM3**

Sablé 100 Noir Cod. **06LV6E80042CHM3**

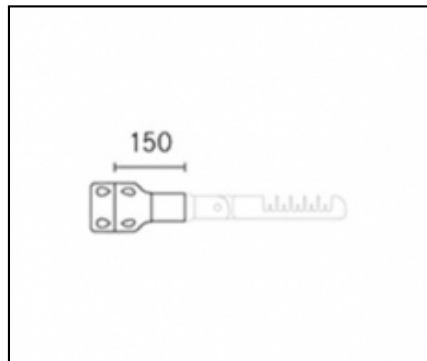
white RAL9003 Cod. **06LV6E80042DHM3**

### Complements



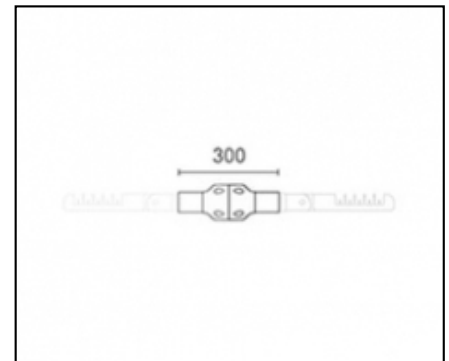
#### 06AK903A0

L3 joint kit single for  $\varnothing 60-76$  mm poles.  
Colour: dark grey RAL9006.



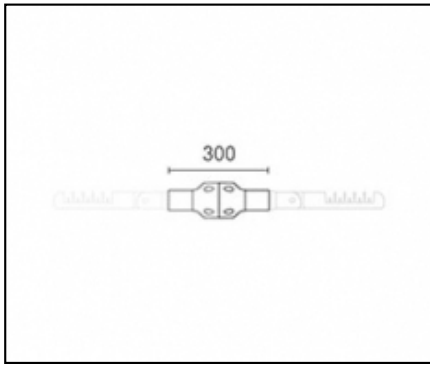
#### 06AK903C0

L3 joint kit single for  $\varnothing 60-76$  mm poles.  
Colour: dark grey Sablé 100 Noir.

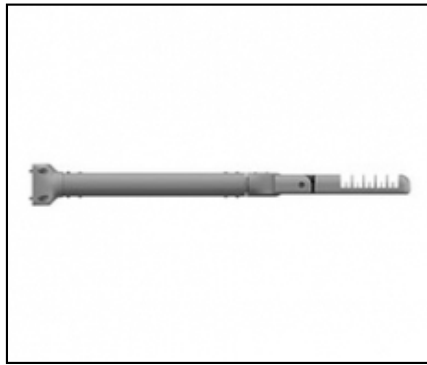


#### 06AK904A0

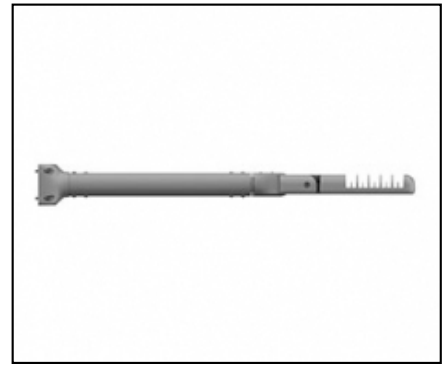
L4 joint kit double for  $\varnothing 60-76$  mm poles.  
Colour: grey RAL9006.

**06AK904C0**

L4 joint kit double for Ø 60-76 mm poles.  
Colour: dark grey Sablé 100 Noir.

**06AK951A0**

B1 P arm for wall-mounting. Colour: grey  
RAL9006.

**06AK951C0**

B1 P arm for wall-mounting. Colour: dark  
grey Sablé 100 Noir.

**06AK953C0**

I1 Spike for ground installation Colour: dark  
grey Sablé 100 Noir.

**06AK954A0**

L10 joint LEVANTE MEDIUM for Ø 60 mm  
pole. Colour: grey RAL9006.

**06AK954C0**

L10 joint LEVANTE MEDIUM for Ø 60 mm  
pole. Colour: dark grey Sablé 100 Noir.

**06AK954D0**

L10 joint LEVANTE MEDIUM for Ø 60 mm  
pole. Colour: white RAL9003.

**NOTE****\*Performance Data**

Values indicated in this technical sheet are to be considered nominal values with a tolerance of +/-7%.

Data of the lighting source flux and efficiency refer to the LED module, without lenses. In case you need data of the LED module complete with lenses, please multiply the mentioned data by 0.9 factor.

**General Data**

The features of the product listed above may be subjected to change without notice. They will have to be confirmed in case of order. In order to facilitate a constant updating of their products, Cariboni Group reserves the right to make changes without prior notice.