

Product Sheet**Levante Floodlight**

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

06LV6C40042AHM3

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: > 0.90

Ambient temperature Ta: -30°C +50°C

Weight: 8.00 kg

Maximum exposed surface: 0.17 m²Lateral exposed surface: 0,04 m²

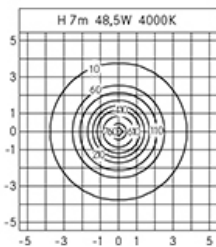
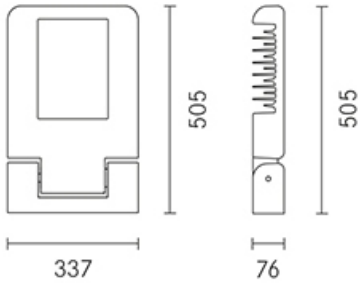
Common mode overvoltage protection: 10 kV

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:	8085 lm	6375 lm	4485 lm
Power source:	48,5 W	35,5 W	23 W
Efficiency of source:	167 lm/W	180 lm/W	195 lm/W
Flux fitting:	6955 lm	5485 lm	3860 lm
Power fitting:	53,5 W	40,5 W	27,5 W
Efficiency of fitting:	130 lm/W	135 lm/W	140 lm/W
Dazzling index category:	D6	D6	D6

Optical System

Source: LED R2

Colour temperature: 4000 K

Colour rendering index (CRI): ≥ 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°

Fastening: adjustable bracket with click positioning and a 15° 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

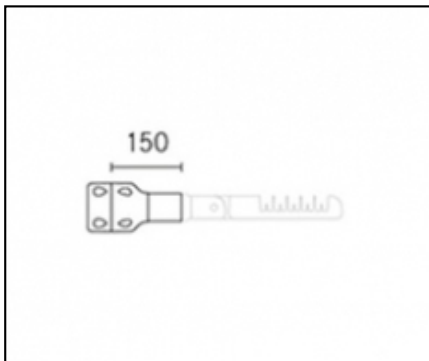
Colors

grey RAL9006 Cod. **06LV6C40042AHM3**

Sablé 100 Noir Cod. **06LV6C40042CHM3**

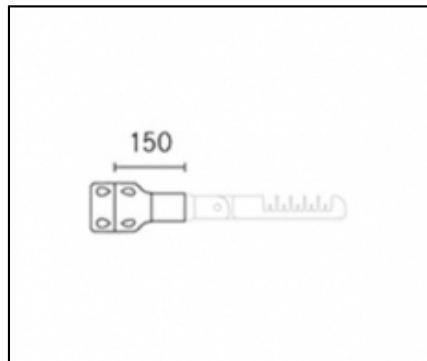
white RAL9003 Cod. **06LV6C40042DHM3**

Complements



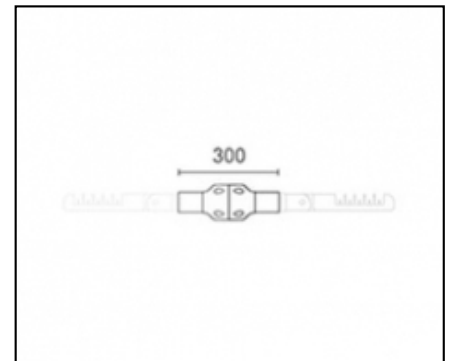
06AK903A0

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



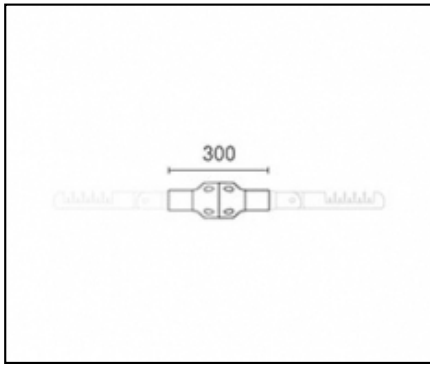
06AK903C0

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



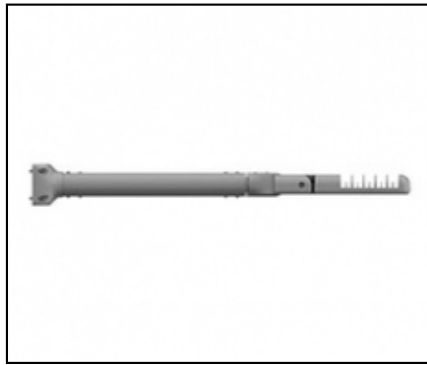
06AK904A0

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



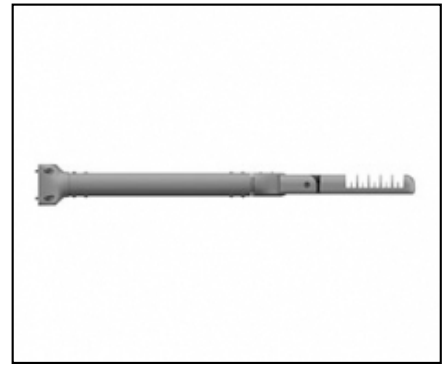
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L4 joint kit double for Ø 60-76 mm poles.
Colour: dark grey Sablé 100 Noir.



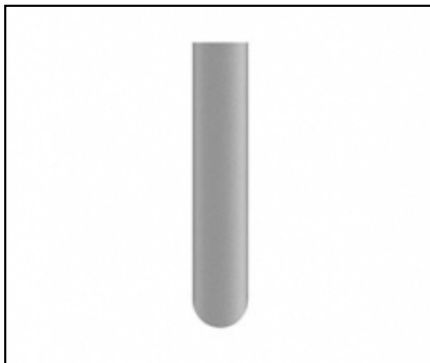
06AK951A0

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.