



Solar flood lighting kit.

SmartBright Solar Flood Light

A solar flood lighting DIY kit with lithium ferro phosphate battery built in the luminaire. Split folding solar panel, remote control and installation accessories. IP 66, IK 07. Extruded aluminium construction for sturdiness and long life. Choice of four lumen packs – 1,000, 2,000, 3,000, 4,800 lumens

Benefits

- All components included in one box – do it yourself
- Easily configurable according to consumer need.
- Durable and long-lasting.
- Solar Flood for wide outdoor applications where electrical connection is not possible/difficult.

Features

- Solar floodlight range of the 4 products – equivalent to 100 W, 200 W, 300 W and 500 W Halogen floodlights respectively
- Infrared remote controller to dim luminaires with three presets – low, medium, high
- Aluminium die-cast housing
- Split folding solar panel
- LiFePO4 battery included inside the luminaire.

Application

- Amenity
- Security
- Landscaping
- Parking
- Individual homes
- Plazas, squares
- Architectural lighting

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Warnings and Safety

- This product includes rechargeable batteries which must be adequately charged under sunlight before use.

Versions



Application Conditions

Ambient temperature range	0 to +45 °C
Battery location	Inside luminaire
Grid connection type	Off grid
Solar dimming profile	As per remote controller

Approval and Application

Ingress protection code	IP66
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Controls and Dimming

Dimmable	Wireless Dim
Configurability	Configurable

Operating and Electrical

Battery type	Lithium Ferro Phosphate
Cable connection kit	Included
Panel type	Poly crystalline

Initial Performance (IEC Compliant)

Init. Colour rendering index	>70
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Mechanical and Housing

Colour	RAL 9007
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Operating and Electrical

Order Code	Full Product Name	Battery voltage	Panel peak wattage	Panel voltage
50742500	BVP080 LED10/757 060	6.4 V	10 W	6 V
50743200	BVP080 LED20/757 100	12.8 V	25 W	12 V
50744900	BVP080 LED30/757 150	12.8 V	30 W	12 V
50745600	BVP080 LED48/757 200	12.8 V	50 W	12 V

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature
50742500	BVP080 LED10/757 060	5700 K
50743200	BVP080 LED20/757 100	5700 K

Order Code	Full Product Name	Init. Corr. Colour Temperature
50744900	BVP080 LED30/757 150	5700 K
50745600	BVP080 LED48/757 200	- K

Mechanical and Housing

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Order Code	Full Product Name	Overall height	Overall length	Overall width
50742500	BVP080 LED10/757 060	56 mm	257 mm	190 mm
50743200	BVP080 LED20/757 100	65 mm	311 mm	235 mm

Order Code	Full Product Name	Overall height	Overall length	Overall width
50744900	BVP080 LED30/757 150	78 mm	398 mm	310 mm
50745600	BVP080 LED48/757 200	90 mm	451 mm	323 mm

