



Solar flood lighting kit.

SmartBright Solar Flood Light

Solar flood lighting DIY kit with lithium ferro phosphate battery built in the luminaire, Split folding solar panel, remote controller and installation accessories. IP 66, IK 07, Extruded aluminium construction for sturdiness and long life. Choice of four lumen packs – 1000, 2000, 3000, 4800 lumens

Benefits

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

Features

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

Application

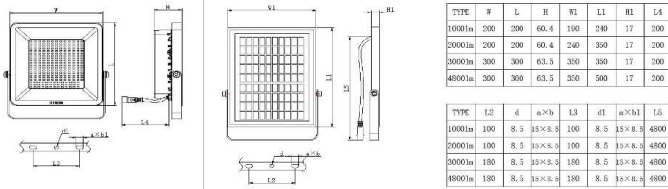
- Amenity
- Security
- Landscape
- Parking
- Individual homes
- Plaza Square
- Architectural lighting

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Warnings and Safety

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

Dimensional drawing



Light Technical	
Correlated Color Temperature (Nom)	5700 K
Color rendering index (CRI)	>80
Operating and Electrical	
Battery type	Lithium Ferro Phosphate
Charge controller type	PWM
Panel type	Poly crystalline
Temperature	
Ambient temperature range	0 to +50 °C
Controls and Dimming	
Dimmable	Preset Dimming
Configurability	Configurable
Mechanical and Housing	
Housing Color	RAL 9007
Approval and Application	
Ingress protection code	IP65
Application Conditions	
Battery location	Inbuilt
Grid connection type	Off grid
Solar dimming profile	Four preset dimming profile selectable by remote controller

Operating and Electrical (1/2)

Order Code	Full Product Name	Battery ampere hour	Battery voltage	Charge controller wattage	Panel peak wattage
65884799	BVP080 LED30/757 150 G2	6 Ah	9.6 V	20 W	20 W
65885499	BVP080 LED20/757 100 G2	12 Ah	3.2 V	13 W	13 W
65886199	BVP080 LED10/757 060 G2	6 Ah	3.2 V	6.5 W	7 W
65887899	BVP080 LED48/757 200 G2	12 Ah	9.6 V	32 W	32 W

Operating and Electrical (2/2)

Order Code	Full Product Name	Panel voltage	Order Code	Full Product Name	Panel voltage
65884799	BVP080 LED30/757 150 G2	15 V	65886199	BVP080 LED10/757 060 G2	5 V
65885499	BVP080 LED20/757 100 G2	5 V			

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Order Code	Full Product Name	Panel voltage
65887899	BVP080 LED48/757 200 G2	15 V

Mechanical and Housing

Order Code	Full Product Name	Overall height	Overall length	Overall width
65884799	BVP080 LED30/757 150 G2	320 mm	332 mm	63.1 mm
65885499	BVP080 LED20/757 100 G2	220 mm	228 mm	60 mm

Order Code	Full Product Name	Overall height	Overall length	Overall width
65886199	BVP080 LED10/757 060 G2	220 mm	228 mm	60 mm
65887899	BVP080 LED48/757 200 G2	320 mm	332 mm	63.1 mm

