



# 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.

## Versions



BVP080 LED10/757



BVP080 LED20/757



BVP080 LED30/757



BVP080 LED45/757

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
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. Color Rendering Index	>70
Mechanical and Housing	
Color	RAL 9007

## Operating and Electrical

Order Code	Full Product Name	Battery voltage	Panel peak wattage	Panel voltage
911401859681	BVP080 LED10/757 060	6.4 V	10 W	6 V
911401860081	BVP080 LED10/757 060 CN	6.4 V	10 W	6 V
911401859781	BVP080 LED20/757 100	12.8 V	25 W	12 V
911401860181	BVP080 LED20/757 100 CN	12.8 V	25 W	12 V
911401859881	BVP080 LED30/757 150	12.8 V	30 W	12 V
911401860281	BVP080 LED30/757 150 CN	12.8 V	30 W	12 V
911401859981	BVP080 LED48/757 200	12.8 V	50 W	12 V
911401860381	BVP080 LED48/757 200 CN	12.8 V	50 W	12 V

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature
911401859681	BVP080 LED10/757 060	5700 K
911401860081	BVP080 LED10/757 060 CN	5700 K
911401859781	BVP080 LED20/757 100	5700 K
911401860181	BVP080 LED20/757 100 CN	5700 K

Order Code	Full Product Name	Init. Corr. Color Temperature
911401859881	BVP080 LED30/757 150	5700 K
911401860281	BVP080 LED30/757 150 CN	5700 K
911401859981	BVP080 LED48/757 200	- K
911401860381	BVP080 LED48/757 200 CN	- K

## Mechanical and Housing

## SmartBright Solar Flood Light

Order Code	Full Product Name	Overall height	Overall length	Overall width
911401859681	BVP080 LED10/757 060	56 mm	257 mm	190 mm
911401860081	BVP080 LED10/757 060 CN	56 mm	257 mm	190 mm
911401859781	BVP080 LED20/757 100	65 mm	311 mm	235 mm
911401860181	BVP080 LED20/757 100 CN	65 mm	311 mm	235 mm

Order Code	Full Product Name	Overall height	Overall length	Overall width
911401859881	BVP080 LED30/757 150	78 mm	398 mm	310 mm
911401860281	BVP080 LED30/757 150 CN	78 mm	398 mm	310 mm
911401859981	BVP080 LED48/757 200	90 mm	451 mm	323 mm
911401860381	BVP080 LED48/757 200 CN	90 mm	451 mm	323 mm

