



# Solar Flood Lighting

## SmartBright Solar Flood Light

Solar flood lighting with lithium ferro phosphate battery built in the luminaire, separate solar panel, with remote controller and installation accessories. IP65, IK06, Diecasting aluminium luminaire housing for sturdiness and long life. 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
- Aluminum die cast housing
- Polycrystalline silicon Solar panel
- LiFePO4 battery included inside the luminaire.

### Application

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

### Warnings and Safety

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

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## Versions



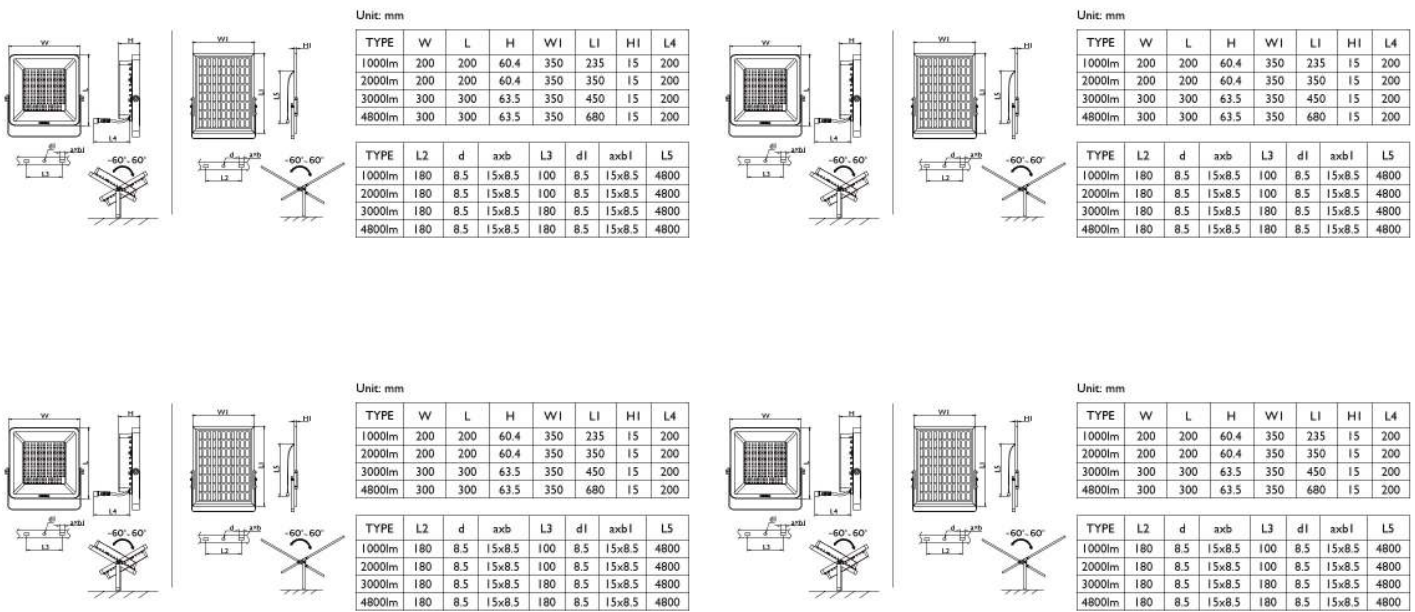
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## Dimensional drawing



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Light Technical	
Correlated Color Temperature (Nom)	5700 K
Color rendering index (CRI)	>80
Operating and Electrical	
Battery charging & discharging cycles	1500
Battery type	Lithium Ferro Phosphate
Cable connection kit	Included
Charge controller type	PWM
Grid connection type	Off grid
Panel type	Poly crystalline
Controls and Dimming	
Dimmable	Preset Dimming
Configurability	Configurable
Solar dimming profile	Four preset dimming profile selectable by remote controller
Mechanical and Housing	
Battery location	Inbuilt
Housing Color	Gray
Ingress protection code	IP65
Approval and Application	
Ambient temperature range	0 to +50 °C
Application Conditions	
Ambient temperature range for charging	0 °C to 50 °C
Ambient temperature range for discharging (when light is on)	-10 °C to 60 °C

Operating and Electrical

Order Code	Full Product Name	Battery ampere hour	Battery voltage	Panel peak wattage	Panel voltage
911401884902	BVP080 LED20/757 100 G2	12 Ah	3.2 V	15 W	5 V
911401884802	BVP080 LED10/757 060 G2	6 Ah	3.2 V	8 W	5 V
911401884702	BVP080 LED48/757 200 G2	9.9 Ah	9.6 V	35 W	15 V
911401885002	BVP080 LED30/757 150 G2	6 Ah	9.6 V	20 W	15 V

Mechanical and Housing

Order Code	Full Product Name	Overall height	Overall length	Overall width
911401884902	BVP080 LED20/757 100 G2	60 mm	228 mm	220 mm
911401884802	BVP080 LED10/757 060 G2	60 mm	228 mm	220 mm

Order Code	Full Product Name	Overall height	Overall length	Overall width
911401884702	BVP080 LED48/757 200 G2	63 mm	332 mm	320 mm
911401885002	BVP080 LED30/757 150 G2	63 mm	332 mm	320 mm

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