



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

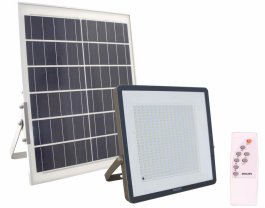
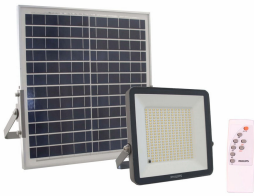
- Amenity
- Security
- Landscape
- Parking
- Individual homes
- Plaza Square
- Architectural lighting

SmartBright Solar Flood Light

Warnings and Safety

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

Versions



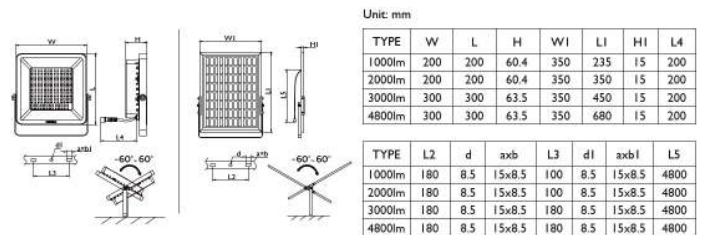
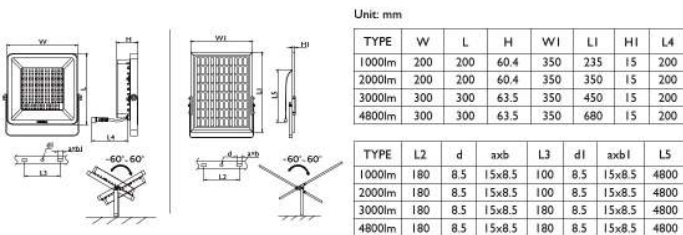
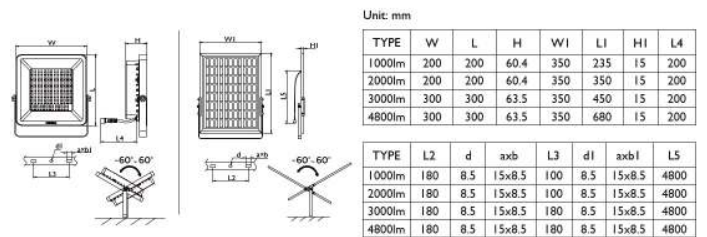
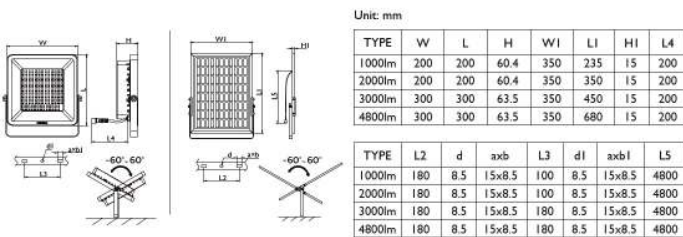
SmartBright Solar Flood Light

SmartBright Solar Flood Light

SmartBright Solar Flood Light

SmartBright Solar Flood Light

Dimensional drawing



SmartBright Solar Flood Light

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	Order Code	Full Product Name	Overall height	Overall length	Overall width
911401884902	BVP080 LED20/757 100 G2	60 mm	228 mm	220 mm	911401884702	BVP080 LED48/757 200 G2	63 mm	332 mm	320 mm
911401884802	BVP080 LED10/757 060 G2	60 mm	228 mm	220 mm	911401885002	BVP080 LED30/757 150 G2	63 mm	332 mm	320 mm

SmartBright Solar Flood Light

