



Solar Flood Lighting

Solar flood lighting with lithium ferro phosphate battery built in the luminaire, separate solar panel, with remote controller and installation accessories. IP66, IK06, Diecasting aluminium luminaire housing for sturdiness and long life. Four lumen packs – 1200, 2400, 3600, 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.

Applications

- Amenity
- Security
- Landscape
- Parking
- Individual homes

- Plaza Square
- Architectural lighting

Features

- Solar floodlight range of 4 product- equivalent to 120W, 240W, 360W and 480W Halogen floodlights respectively
- Infra red remote controller to dim luminaires
- Aluminum die cast housing
- Monocrystalline silicon Solar panel
- LiFePO4 battery included inside the luminaire.
- This product includes rechargeable batteries which must be adequately charged under sunlight before use.

Versions



SmartBright Solar Flood Light



SmartBright Solar Flood Light

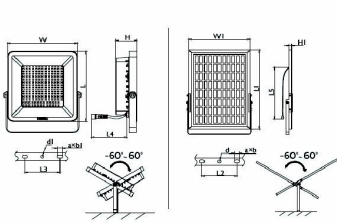


SmartBright Solar Flood Light



SmartBright Solar Flood Light

Dimensional drawing

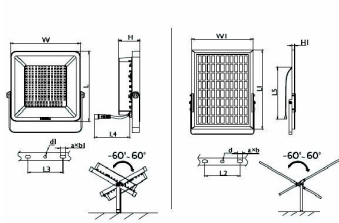


Unit: mm

TYPE	W	L	H	WI	LI	HI	L4
1000lm	200	200	60.4	350	235	15	200
2000lm	200	200	60.4	350	350	15	200
3000lm	300	300	63.5	350	450	15	200
4800lm	300	300	63.5	350	680	15	200

TYPE	L2	d	axb	L3	dI	axbI	L5
1000lm	180	8.5	15x8.5	100	8.5	15x8.5	4800
2000lm	180	8.5	15x8.5	100	8.5	15x8.5	4800
3000lm	180	8.5	15x8.5	180	8.5	15x8.5	4800
4800lm	180	8.5	15x8.5	180	8.5	15x8.5	4800

BVP080 LED20/757 100 G2

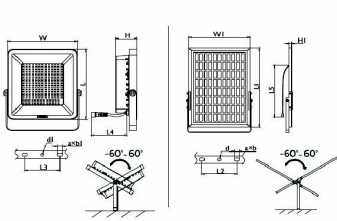


Unit: mm

TYPE	W	L	H	WI	LI	HI	L4
1000lm	200	200	60.4	350	235	15	200
2000lm	200	200	60.4	350	350	15	200
3000lm	300	300	63.5	350	450	15	200
4800lm	300	300	63.5	350	680	15	200

TYPE	L2	d	axb	L3	dI	axbI	L5
1000lm	180	8.5	15x8.5	100	8.5	15x8.5	4800
2000lm	180	8.5	15x8.5	100	8.5	15x8.5	4800
3000lm	180	8.5	15x8.5	180	8.5	15x8.5	4800
4800lm	180	8.5	15x8.5	180	8.5	15x8.5	4800

BVP080 LED30/757 150 G2

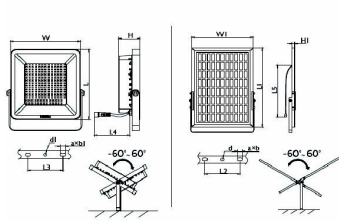


Unit: mm

TYPE	W	L	H	WI	LI	HI	L4
1000lm	200	200	60.4	350	235	15	200
2000lm	200	200	60.4	350	350	15	200
3000lm	300	300	63.5	350	450	15	200
4800lm	300	300	63.5	350	680	15	200

TYPE	L2	d	axb	L3	dI	axbI	L5
1000lm	180	8.5	15x8.5	100	8.5	15x8.5	4800
2000lm	180	8.5	15x8.5	100	8.5	15x8.5	4800
3000lm	180	8.5	15x8.5	180	8.5	15x8.5	4800
4800lm	180	8.5	15x8.5	180	8.5	15x8.5	4800

BVP080 LED10/757 060 G2



Unit: mm

TYPE	W	L	H	WI	LI	HI	L4
1000lm	200	200	60.4	350	235	15	200
2000lm	200	200	60.4	350	350	15	200
3000lm	300	300	63.5	350	450	15	200
4800lm	300	300	63.5	350	680	15	200

TYPE	L2	d	axb	L3	dI	axbI	L5
1000lm	180	8.5	15x8.5	100	8.5	15x8.5	4800
2000lm	180	8.5	15x8.5	100	8.5	15x8.5	4800
3000lm	180	8.5	15x8.5	180	8.5	15x8.5	4800
4800lm	180	8.5	15x8.5	180	8.5	15x8.5	4800

BVP080 LED48/757 200 G2

Light Technical

Correlated Color Temperature (Nom)	5700 K
Color rendering index (CRI)	>80

Operating and Electrical

Battery type	Lithium Ferro Phosphate
Battery charging & discharging cycles	1500
Panel type	Poly crystalline
Charge controller type	PWM
Cable connection kit	Included
Grid connection type	Off grid

Controls and Dimming

Dimmable	Preset Dimming
Configurability	Configurable
Solar dimming profile	Four preset dimming profile selectable by remote controller

Mechanical and Housing

Housing Color	Gray
Battery location	Inbuilt
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]

Approval and Application

Ambient temperature range	0 to +50 °C
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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 voltage	Panel peak wattage
911401884902	BVP080 LED20/757 100 G2	12 Ah	3.2 V	5 V	15 W
911401884802	BVP080 LED10/757 060 G2	6 Ah	3.2 V	5 V	8 W
911401884702	BVP080 LED48/757 200 G2	9.9 Ah	9.6 V	15 V	35 W
911401885002	BVP080 LED30/757 150 G2	6 Ah	9.6 V	15 V	20 W

Mechanical and Housing

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

