



# **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 luminare 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.

## SmartBright Solar Flood Light

#### Versions









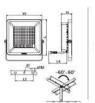
SmartBright Solar Flood Light

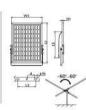
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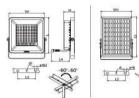
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#### Dimensional drawing





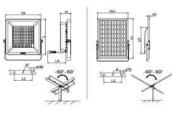
	Unit: mm							
WI BI	TYPE	w	L	H	WI	L	1 1	11 L4
RIDCUICO I	1000lm	200	200	60.4	350	23	35 1	5 200
111111111111111111111111111111111111111	2000lm	200	200	60.4	350	35	0 1	5 200
, e = 1000000	3000lm	300	300	63.5	350	45	50 1	5 200
	4800lm	300	300	63.5	350	68	30 1	5 200
-60,-60.	TYPE	L2	d	axb	L3	dI	axbl	L5
	1000lm	180	8.5	15×8.5	100	8.5	15×8	5 4800





TYPE	W	L	н	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

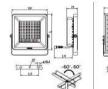
TYPE	L2	d	axb	L3	dl	axbl	L5
1000lm	180	8.5	15x8.5	100	8.5	15×8.5	4800
2000lm	180	8.5	15x8.5	100	8.5	15×8.5	4800
3000lm	180	8.5	15x8.5	180	8.5	15x8.5	4800
4800lm	180	8.5	15×8.5	180	8.5	15x8.5	4800



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3000lm	300	300	63.5	350	450	15	200
4800lm	300	300	63.5	350	680	15	200

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# SmartBright Solar Flood Light

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	
Approval and Application	0.150.86
Ambient temperature range	0 to +50 °C
Application Conditions	
Ambient temperature range for	0 °C to 50 °C
charging	0 0 10 50 0
Ambient temperature range for	-10 °C to 60 °C

#### Operating and Electrical

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

#### Mechanical and Housing

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

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

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