



# Solar flood lighting kit

# Essential SmartBright Solar Flood Light

Solar flood lighting DIY kit with lithium ferro phosphate battery built in the luminaire, Remote controller and installation accessories included. IP 65 ABS plastic construction for sturdiness and long life. Available in 600, 900 and 1500 Lumens

#### **Benefits**

- $\cdot$  All component included in one box do it yourself
- $\boldsymbol{\cdot}$  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 product— equivalent to 60W, 90W and 150W Halogen floodlights respectively
- Infra red remote controller to dim luminaires with presets like 2H,4H,6H, and Auto
- · ABS Plastic housing
- · LiFePO4 battery included inside the luminaire

#### **Application**

- Walkways
- Amenities
- · Parking areas
- $\cdot \, \mathsf{Landscapes}$
- Security
- · Individual homes
- · Architectural lighting

### **Warnings and Safety**

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

# Essential SmartBright Solar Flood Light

### Versions







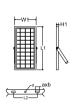
BVC080 LED15/765

BVC080 LED9/765

BVC080 LED6/765

# Dimensional drawing





TYPE	W	L	Н	W1	L1	H1
600 <b>l</b> m	150	120	48	175	240	17
900 <b>l</b> m	183	143	48	175	350	17
1500 <b>i</b> m	220	170	53	235	350	17

TYPE	L2	d	axb	L3	d1	axb1
600 <b>l</b> m	70	8.5	7.5x20	68	8.5	8x22
900 <b>l</b> m	70	8.5	7.5x20	68	8.5	8x22
1500lm	70	8.5	7.5x20	102	10.5	10.5x40

# **Essential SmartBright Solar Flood Light**

Correlated Color Temperature (Nom)	6500 K
Color rendering index (CRI)	>70
Operating and Electrical	
Battery type	Lithium Ferro
	Phosphate
Battery voltage	3.2 V
Charge controller type	PWM
Panel type	Poly crystalline
Panel voltage	5 V
Temperature	
Ambient temperature range	0 to +45 ℃
Controls and Dimming	
Dimmable	Yes
Configurability	Configurable
Approval and Application	
Ingress protection code	IP65
Application Conditions	
	Inside luminaire
Battery location	
Battery location  Solar dimming profile	As per remote

### Operating and Electrical

Order Code	Full Product Name	Battery ampere hour	Panel peak wattage
911401827402	BVC080 LED15/765	10 Ah	10 W
911401827302	BVC080 LED9/765	5 Ah	7 W
911401827202	BVC080 LED6/765	5 Ah	5 W

## Mechanical and Housing

Order Code	Full Product Name	Overall height	Overall length	Overall width
911401827402	BVC080 LED15/765	170 mm	220 mm	53 mm
911401827302	BVC080 LED9/765	143 mm	183 mm	48 mm

Order Code	Full Product Name	Overall height	Overall length	Overall width
911401827202	BVC080 LED6/765	120 mm	150 mm	48 mm



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