



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

- 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 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
- Landscapes
- Security
- Individual homes
- Architectural lighting

Warnings and Safety

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

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Versions



BVC080 LED6/765



BVC080 LED9/765



BVC080 LED15/765 ID



Application conditions	
Ambient temperature range	0 to +45 °C
Battery location	Inside luminaire
Solar dimming profile	As per remote controller
Approval and application	
Ingress protection code	IP65
Controls and dimming	
Dimmable	Yes
Configurability	Configurable
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
Initial performance (IEC compliant)	
Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	>70

Operating and electrical

Order Code	Full Product Name	Battery ampere hour	Panel peak wattage
911401827202	BVC080 LED6/765	5 Ah	5 W
911401827302	BVC080 LED9/765	5 Ah	7 W
911401827402	BVC080 LED15/765	10 Ah	10 W
911401830102	BVC080 LED15/765 ID	5 Ah	5 W
911401830202	BVC080 LED9/765 ID	5 Ah	7 W
911401830302	BVC080 LED6/765 ID	10 Ah	10 W

Mechanical and housing

Order Code	Full Product Name	Overall height	Overall length	Overall width
911401827202	BVC080 LED6/765	120 mm	150 mm	48 mm
911401827302	BVC080 LED9/765	143 mm	183 mm	48 mm
911401827402	BVC080 LED15/765	170 mm	220 mm	53 mm
Order Code	Full Product Name	Overall height	Overall length	Overall width
911401830102	BVC080 LED15/765 ID	120 mm	150 mm	48 mm
911401830202	BVC080 LED9/765 ID	143 mm	183 mm	48 mm
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