



Outdoor Solar Multi-application light

Essential SmartBright Solar Compact

Outdoor solar compact with inbuilt lithium battery and PV panel, inbuilt motion sensor, button switch to change the working modes and LED luminaire integrated in ABS plastic housing.

Benefits

- DIY easy installation
- No wiring required
- Suitable for outdoor installation
- Motion sensor to optimize battery and light requirements
- Easily configurable

Features

- All in one design
- PIR motion sensor to detect motion and optimize battery life
- Bracket angle and LED module angle can be adjustable
- Multiple installation ways
- Completely powered by solar energy
- IP65 and ABS plastic housing

Application

- Garden
- Landscape
- Courtyard
- Amenity
- Camping
- Security
- Pathways
- Patio

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Warnings and Safety

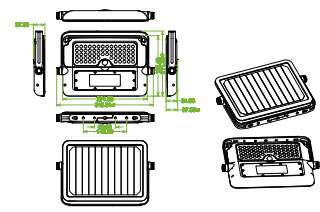
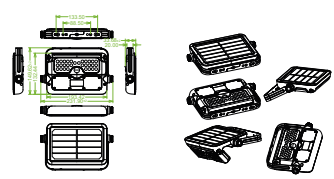
- Install the luminaire in a sunny place that is not shaded by trees, buildings and walls, then the solar panel can receive the sunlight for charging the battery
- Charge the product under sunlight for 8 hours before first use.

Versions



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Dimensional drawing



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Light Technical	
Color rendering index (CRI)	70
Operating and Electrical	
Battery ampere hour	3 Ah
Battery charging & discharging cycles	500
Battery type	Li-ion
Charge controller type	PWM
Grid connection type	Off grid
Panel type	Mono crystalline
Controls and Dimming	
Dimmable	Preset Dimming
Configurability	Not configurable
Solar dimming profile	Motion sensor dimming
Mechanical and Housing	
Battery location	Inbuilt luminaire
Housing Color	Black
Ingress protection code	IP65
Approval and Application	
Ambient temperature range	0 to +45 °C

Order Code	Full Product Name	Correlated Color Temperature (Nom)
911401886902	BVS010 LED10/765 Solar	6500 K
911401887102	BVS010 LED10/730 Solar	3000 K
911401886802	BVS010 LED5/765 Solar	6500 K
911401887002	BVS010 LED5/730 Solar	3000 K

Operating and Electrical

Order Code	Full Product Name	Battery voltage	Panel peak wattage	Panel voltage
911401886902	BVS010 LED10/765 Solar	7.2 V	5.5 W	11 V
911401887102	BVS010 LED10/730 Solar	7.2 V	5.5 W	11 V

Order Code	Full Product Name	Battery voltage	Panel peak wattage	Panel voltage
911401886802	BVS010 LED5/765 Solar	3.6 V	2.3 W	5 V
911401887002	BVS010 LED5/730 Solar	3.6 V	2.3 W	5 V

Mechanical and Housing

Order Code	Full Product Name	Overall height	Overall length	Overall width
911401886902	BVS010 LED10/765 Solar	37.4 mm	313.9 mm	211.3 mm
911401887102	BVS010 LED10/730 Solar	37.4 mm	313.9 mm	211.3 mm

Order Code	Full Product Name	Overall height	Overall length	Overall width
911401886802	BVS010 LED5/765 Solar	33.68 mm	231.9 mm	149.62 mm
911401887002	BVS010 LED5/730 Solar	33.68 mm	231.9 mm	149.62 mm

