



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

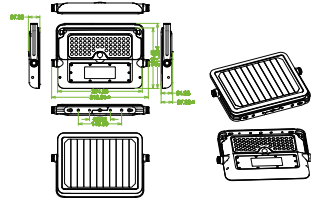
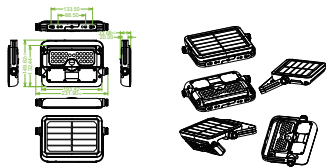
- Garden
- Landscape
- Courtyard
- Amenity
- Camping
- Security
- Pathways
- Patio

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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.

Dimensional drawing



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

Light Technical		
Order Code	Full Product Name	Correlated Color Temperature (Nom)
75823099	BVS010 LED10/765 Solar	6500 K
75825499	BVS010 LED10/730 Solar	3000 K
75822399	BVS010 LED5/765 Solar	6500 K
75824799	BVS010 LED5/730 Solar	3000 K

Operating and Electrical

Order Code	Full Product Name	Panel peak		
		Battery voltage	wattage	Panel voltage
75823099	BVS010 LED10/765 Solar	7.2 V	5.5 W	11 V
75825499	BVS010 LED10/730 Solar	7.2 V	5.5 W	11 V

Order Code	Full Product Name	Panel peak		
		Battery voltage	wattage	Panel voltage
75822399	BVS010 LED5/765 Solar	3.6 V	2.3 W	5 V
75824799	BVS010 LED5/730 Solar	3.6 V	2.3 W	5 V

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Mechanical and Housing

Order Code	Full Product Name	Overall height	Overall length	Overall width	Order Code	Full Product Name	Overall height	Overall length	Overall width
75823099	BVS010 LED10/765 Solar	37.4 mm	313.9 mm	211.3 mm	75822399	BVS010 LED5/765 Solar	33.68 mm	231.9 mm	149.62 mm
75825499	BVS010 LED10/730 Solar	37.4 mm	313.9 mm	211.3 mm	75824799	BVS010 LED5/730 Solar	33.68 mm	231.9 mm	149.62 mm

