



Essential SmartBright Solar Compact

BVS010 LED5/765 Solar

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.

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.

Product data

General Information		Panel peak wattage	
Driver included	Yes	Panel peak wattage	2.3 W
Value ladder	Value	Charge controller type	PWM
Light Technical		Cable	-
Luminous Flux	500 lm	Grid connection type	Off grid
Correlated Color Temperature (Nom)	6500 K	Controls and Dimming	
Luminous Efficacy (rated) (Nom)	100 lm/W	Dimmable	Preset Dimming
Color rendering index (CRI)	70	Configurability	Not configurable
Operating and Electrical		Solar dimming profile	Motion sensor dimming
Battery type	Li-ion	Mechanical and Housing	
Battery ampere hour	3 Ah	Housing Color	Black
Battery voltage	3.6 V	Overall length	231.9 mm
Battery charging & discharging cycles	500	Overall width	149.62 mm
Panel type	Mono crystalline	Overall height	33.68 mm
Panel voltage	5 V	Dimensions (Height x Width x Depth)	34 x 150 x 232 mm
		Material	Acrylonitrile-butadiene-styrene

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Battery location	Inbuilt luminaire
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Optical cover type	Polycarbonate
Net Weight (Piece)	0.660 kg

Approval and Application

CE mark	Yes
Ambient temperature range	0 to +45 °C

Product Data

Order product name	BVS010 LED5/765 Solar
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Full product name	BVS010 LED5/765 Solar
Full product code	872016975822399
Order code	911401886802
Material Nr. (12NC)	911401886802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169758223
Numerator - Packs per outer box	18
EAN/UPC - Case	8720169758261

Dimensional drawing

