



# Essential SmartBright Solar Compact

## BVS010 LED10/730 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	5.5 W
Value ladder	Value	Charge controller type	PWM
Light Technical		Cable	-
Luminous Flux	1,000 lm	Grid connection type	Off grid
Correlated Color Temperature (Nom)	3000 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	7.2 V	Overall length	313.9 mm
Battery charging & discharging cycles	500	Overall width	211.3 mm
Panel type	Mono crystalline	Overall height	37.4 mm
Panel voltage	11 V	Dimensions (Height x Width x Depth)	37 x 211 x 314 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)	1.310 kg

### Approval and Application

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

### Product Data

Order product name	BVS010 LED10/730 Solar
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Full product name	BVS010 LED10/730 Solar
Full product code	872016975825499
Order code	911401887102
Material Nr. (12NC)	911401887102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169758254
Numerator - Packs per outer box	8
EAN/UPC - Case	8720169758292

## Dimensional drawing

