



# Essential SmartBright LED Solar Flood

## BVC010 LED6/765 Solar Pro

Solar flood light with lithium ferro phosphate battery built in the luminaire, Remote controller and installation accessories included. IP65, plastic housing. Available in 600, 1000, 2000, 3000, 4000, 5000 and 6000 Lumens

### 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 maximum sunlight for charging the battery.
- Charge the product under sunlight for at least 8 hours before first time using.
- This luminaire does not need any external electrical connection. It works 100% on solar energy.

### Product data

General Information		Panel type	Mono crystalline
Driver included	Yes	Panel voltage	5 V
Warranty period	2 years	Panel peak wattage	5 W
Light Technical		Charge controller type	PWM
Luminous Flux	600 lm	Cable connection kit	Included
Correlated Color Temperature (Nom)	6500 K	Connection	-
Luminous Efficacy (rated) (Nom)	165 lm/W	Cable	-
Color rendering index (CRI)	70	Grid connection type	Off grid
Operating and Electrical		Controls and Dimming	
Line Frequency	- Hz	Dimmable	Preset Dimming
Battery type	LiFePO4	Configurability	Not configurable
Battery ampere hour	4 Ah	Control interface	-
Battery voltage	3.2 V	Solar dimming profile	Preset Dimming
Battery charging & discharging cycles	1000		

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## Mechanical and Housing

Housing Color	Grey
Overall length	125 mm
Overall width	165 mm
Overall height	48 mm
Dimensions (Height x Width x Depth)	48 x 165 x 125 mm
Material	Acrylonitrile-butadiene-styrene
Battery location	Inbuilt luminaire
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Optical cover type	Polycarbonate
Net Weight (Piece)	1.070 kg

## Approval and Application

CE mark	Yes
EU RoHS compliant	Yes

Ambient temperature range	0 to +45 °C
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## Product Data

Order product name	BVC010 LED6/765 Solar Pro
Full product name	BVC010 LED6/765 Solar Pro
Full product code	872110333726999
Order code	911401814503
Material Nr. (12NC)	911401814503
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103337269
Numerator - Packs per outer box	10
EAN/UPC - Case	8721103337719

## Dimensional drawing

