



# Essential SmartBright LED Solar Flood

## BVC010 LED10/730 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	
Driver included	Yes	Panel voltage	Mono crystalline
Warranty period	2 years	Panel peak wattage	5 V
Light Technical		Charge controller type	6 W
Luminous Flux	1,000 lm	Cable connection kit	PWM
Correlated Color Temperature (Nom)	3000 K	Connection	Included
Luminous Efficacy (rated) (Nom)	165 lm/W	Cable	-
Color rendering index (CRI)	70	Grid connection type	-
Operating and Electrical		Controls and Dimming	
Line Frequency	- Hz	Dimmable	Off grid
Battery type	LiFePO4	Configurability	Preset Dimming
Battery ampere hour	4 Ah	Control interface	Not configurable
Battery voltage	3.2 V	Solar dimming profile	-
Battery charging & discharging cycles	1000		Preset Dimming

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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)	1.120 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 LED10/730 Solar Pro
Full product name	BVC010 LED10/730 Solar Pro
Full product code	872110333741299
Order code	33741299
Material Nr. (12NC)	911401816003
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103337412
Numerator - Packs per outer box	10
EAN/UPC - Case	8721103337863

## Dimensional drawing

