



Essential SmartBright LED Solar Flood

BVC010 LED20/730 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	Mono crystalline
Driver included	Yes	Panel voltage	5 V
Warranty period	2 years	Panel peak wattage	8 W
Light Technical		Charge controller type	PWM
Luminous Flux	2,000 lm	Cable connection kit	Included
Correlated Color Temperature (Nom)	3000 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	5 Ah	Control interface	-
Battery voltage	3.2 V	Solar dimming profile	Preset Dimming
Battery charging & discharging cycles	1000		

Essential SmartBright LED Solar Flood

Mechanical and Housing

Housing Color	Grey
Overall length	160 mm
Overall width	215 mm
Overall height	53 mm
Dimensions (Height x Width x Depth)	53 x 215 x 160 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)	1.450 kg

Approval and Application

CE mark	Yes
EU RoHS compliant	Yes

Ambient temperature range	0 to +45 °C
Product Data	
Order product name	BVC010 LED20/730 Solar Pro
Full product name	BVC010 LED20/730 Solar Pro
Full product code	872110333742999
Order code	911401816103
Material Nr. (12NC)	911401816103
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103337429
Numerator - Packs per outer box	5
EAN/UPC - Case	8721103337870

Dimensional drawing

