



Essential SmartBright Solar Flood

BVC080 LED6/740

Solar flood light with lithium ferro phosphate battery built in the luminaire, Remote controller and installation accessories included. IP65, plastic housing. Available in 600, 900, 1500, 2500, 3000 and 4000 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		Battery charging & discharging cycles	
Driver included	Yes	Battery charging & discharging cycles	500
Value ladder	Value	Panel type	Mono crystalline
Warranty period	1 years	Panel voltage	5 V
Light Technical		Panel peak wattage	5 W
Luminous Flux	600 lm	Charge controller type	PWM
Correlated Color Temperature (Nom)	4000 K	Cable	5m cable for Solar panel connection included
Luminous Efficacy (rated) (Nom)	165 lm/W	Grid connection type	Off grid
Color rendering index (CRI)	70	Controls and Dimming	
Operating and Electrical		Dimmable	Preset Dimming
Line Frequency	- Hz	Configurability	Not configurable
Battery type	LiFePO4	Solar dimming profile	Preset Dimming
Battery ampere hour	4 Ah	Mechanical and Housing	
Battery voltage	3.2 V	Housing Color	Grey
		Overall length	150 mm

Essential SmartBright Solar Flood

Overall width	120 mm
Overall height	48 mm
Dimensions (Height x Width x Depth)	48 x 120 x 150 mm
Material	Acrylonitrile-butadiene-styrene
Battery location	Inbuilt luminaire
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK05 [0.7 J]
Optical cover type	Polycarbonate
Net Weight (Piece)	1.040 kg

Approval and Application

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

Product Data

Order product name	BVC080 LED6/740
Full product name	BVC080 LED6/740
Full product code	872016976490399
Order code	911401892702
Material Nr. (12NC)	911401892702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169764903
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169765023

Dimensional drawing

