



# Essential SmartBright Solar Flood

## BVC080 LED9/765

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	6 W
Luminous Flux	900 lm	Charge controller type	PWM
Correlated Color Temperature (Nom)	6500 K	Cable	5m cable for Solar panel connection included
Luminous Efficacy (rated) (Nom)	155 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	183 mm

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Overall width	143 mm
Overall height	48 mm
Dimensions (Height x Width x Depth)	48 x 143 x 183 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)	1.150 kg

## Approval and Application

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

## Product Data

Order product name	BVC080 LED9/765
Full product name	BVC080 LED9/765
Full product code	872110330172799
Order code	911401803203
Material Nr. (12NC)	911401803203
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103301727
Numerator - Packs per outer box	10
EAN/UPC - Case	8721103301819

## Dimensional drawing

