



# Essential SmartBright Solar Flood Light

## BVC080 LED15/765 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, 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		Panel type	
Driver included	Yes	Panel voltage	5 V
Warranty period	2 years	Panel peak wattage	8 W
Light Technical		Charge controller type	PWM
Luminous Flux	1,500 lm	Cable	5m cable for Solar panel connection included
Correlated Color Temperature (Nom)	6500 K	Grid connection type	Off grid
Luminous Efficacy (rated) (Nom)	160 lm/W	Controls and Dimming	
Color rendering index (CRI)	70	Dimmable	Preset Dimming
Operating and Electrical		Configurability	Not configurable
Line Frequency	- Hz	Solar dimming profile	Preset Dimming
Battery type	LiFePO4	Mechanical and Housing	
Battery ampere hour	8 Ah	Housing Color	Grey
Battery voltage	3.2 V	Overall length	220 mm
Battery charging & discharging cycles	1000	Overall width	170 mm

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Overall height	53 mm
Dimensions (Height x Width x Depth)	53 x 170 x 220 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)	1.490 kg

## Approval and Application

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

## Product Data

Order product name	BVC080 LED15/765 Pro
Full product name	BVC080 LED15/765 Pro
Full product code	692382867672899
Order code	911401883702
Material Nr. (12NC)	911401883702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6923828676728
Numerator - Packs per outer box	5
EAN/UPC - Case	6923828676872

## Dimensional drawing

