



# SmartBright Solar Flood Light

## BVP080 LED20/757 100 G2

Solar flood lighting with lithium ferro phosphate battery built in the luminaire, separate solar panel, with remote controller and installation accessories. IP65, IK06, Diecasting aluminium luminaire housing for sturdiness and long life. Four lumen packs – 1000, 2000, 3000, 4800 lumens

### Warnings and Safety

- This product includes rechargeable batteries which must be adequately charged under sunlight before use.

### Product data

General Information	
Driver included	Yes
Light Technical	
Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	150 lm/W
Color rendering index (CRI)	>80
Operating and Electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	12 Ah
Battery voltage	3.2 V
Battery charging & discharging cycles	1500
Panel type	Poly crystalline
Panel voltage	5 V
Panel peak wattage	15 W
Charge controller type	PWM

Cable connection kit	Included
Cable	5m cable for Solar panel connection included
Grid connection type	Off grid
Controls and Dimming	
Dimmable	Preset Dimming
Configurability	Configurable
Solar dimming profile	Four preset dimming profile selectable by remote controller
Mechanical and Housing	
Housing Color	Gray
Overall length	228 mm
Overall width	220 mm
Overall height	60 mm
Dimensions (Height x Width x Depth)	60 x 220 x 228 mm
Material	Aluminum

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Battery location	Inbuilt
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Optical cover type	Glass
Net Weight (Piece)	2.830 kg

Approval and Application

CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	0 to +50 °C

Application Conditions

Ambient temperature range for charging	0 °C to 50 °C
Ambient temperature range for discharging (when light is on)	-10 °C to 60 °C

Product Data	
Order product name	BVP080 LED20/757 100 G2
Full product name	BVP080 LED20/757 100 G2
Full product code	692382867763399
Order code	911401884902
Material Nr. (12NC)	911401884902
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6923828677633
Numerator - Packs per outer box	5
EAN/UPC - Case	6923828677671

Dimensional drawing

