



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		Charge controller type	
Driver included	Yes	Charge controller type	PWM
Value ladder	Value	Cable connection kit	Included
Light Technical		Cable	5m cable for Solar panel connection included
Luminous Flux	2,000 lm	Grid connection type	Off grid
Correlated Color Temperature (Nom)	5700 K	Controls and Dimming	
Luminous Efficacy (rated) (Nom)	150 lm/W	Dimmable	Preset Dimming
Color rendering index (CRI)	>80	Configurability	Configurable
Operating and Electrical		Solar dimming profile	Four preset dimming profile selectable by remote controller
Battery type	Lithium Ferro Phosphate	Mechanical and Housing	
Battery ampere hour	12 Ah	Housing Color	Gray
Battery voltage	3.2 V	Overall length	228 mm
Battery charging & discharging cycles	1500	Overall width	220 mm
Panel type	Poly crystalline	Overall height	60 mm
Panel voltage	5 V	Dimensions (Height x Width x Depth)	60 x 220 x 228 mm
Panel peak wattage	15 W		

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Material	Aluminum
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
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Ambient temperature range for discharging (when light is on)	-10 °C to 60 °C
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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

