



SmartBright Solar Flood Light

BVP080 LED48/757 200 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
Value ladder	Value
Light Technical	
Luminous Flux	4,800 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	9.9 Ah
Battery voltage	9.6 V
Battery charging & discharging cycles	1500
Panel type	Poly crystalline
Panel voltage	15 V
Panel peak wattage	35 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	332 mm
Overall width	320 mm
Overall height	63 mm
Dimensions (Height x Width x Depth)	63 x 320 x 332 mm

SmartBright Solar Flood Light

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)	6.200 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	BVPO80 LED48/757 200 G2
Full product name	BVPO80 LED48/757 200 G2
Full product code	692382867761999
Order code	911401884702
Material Nr. (12NC)	911401884702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6923828677619
Numerator - Packs per outer box	3
EAN/UPC - Case	6923828677657

Dimensional drawing

