



# 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 luminare housing for sturdiness and long life. Four lumen packs -1000, 2000, 3000, 4800 lumens

### **Warnings and Safety**

 $\cdot \text{ This product includes rechargeable batteries which must be adequately charged under sunlight before use.}\\$ 

### **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  Configurable					
Configurability	Configurable					
Solar dimming profile	Four preset dimming profile selectable by					
	remote controller					
Mechanical and Housing						
Mechanical and Housing Housing Color Gray						
Overall length	228 mm					
	220 mm					
Overall width	220 mm					
Overall height	220 mm 60 mm					

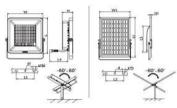
Datasheet, 2025, April 10 data subject to change

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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	-10 °C to 60 °C					
(when light is on)						

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



TYPE	W	L	H	WI	LI	HI	L4
1000lm	200	200	60.4	350	235	15	200
2000lm	200	200	60.4	350	350	15	200
3000lm	300	300	63.5	350	450	15	200
4800lm	300	300	63.5	350	680	15	200

TYPE	L2	d	axb	L3	dl	axbl	L5
1000lm	180	8.5	15x8.5	100	8.5	15×8.5	4800
2000lm	180	8.5	15x8.5	100	8.5	15×8.5	4800
3000lm	180	8.5	15x8.5	180	8.5	15×8.5	4800
4800lm	180	8.5	15×8.5	180	8.5	15x8.5	4800



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