



SmartBright Solar Flood Light

BVP080 LED20/757 100 G2

Solar flood lighting DIY kit with lithium ferro phosphate battery built in the luminaire, Split folding solar panel, remote controller and installation accessories. IP 66, IK 07, Extruded aluminium construction for sturdiness and long life. Choice of 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
CE mark	CE mark
Warranty period	2 years
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
Optical cover type	Glass
Operating and Electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	12 Ah
Battery voltage	3.2 V

Poly crystalline

5 V

Panel peak wattage	13 W	
Charge controller type	PWM	
Charge controller wattage	13 W	
Cable	5m cable for Solar panel connection included	
Temperature		
Ambient temperature range	0 to +50 °C	
Controls and Dimming		
Dimmable	Preset Dimming	
Configurability	Configurable	
Mechanical and Housing		
Housing Color	RAL 9007	
Overall length	228 mm	
Overall width	60 mm	
Overall height	220 mm	
Dimensions (Height x Width x Depth) 220 x 60 x 228 mm		

Panel type

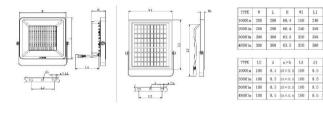
Panel voltage

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Material	Pressure die cast aluminum
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Application Conditions	
Solar dimming profile	Four preset dimming profile selectable by remote
	controller
Grid connection type	Off grid
Battery location	Inbuilt

Product Data	
Order product name	BVP080 LED20/757 100 G2
Full product name	BVP080 LED20/757 100 G2
Full product code	692382865885499
Order code	911401835902
Material Nr. (12NC)	911401835902
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6923828658854
Numerator - Packs per outer box	5
EAN/UPC - Case	6923828658892

Dimensional drawing





4800

4800

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