



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		Charge controller wattage	
Driver included	Yes		13 W
		Cable	5m cable for Solar panel connection included
Light Technical		Temperature	
Luminous Flux	2,000 lumen	Ambient temperature range	0 to +50 °C
Correlated Color Temperature (Nom)	5700 K		
Luminous Efficacy (rated) (Nom)	150 lm/W	Controls and Dimming	
Color rendering index (CRI)	>80	Dimmable	Preset Dimming
Optical cover/lens type	Glass	Configurability	Configurable
Operating and Electrical		Mechanical and Housing	
Battery type	Lithium Ferro Phosphate	Housing Color	RAL 9007
Battery ampere hour	12 Ah	Overall length	228 mm
Battery voltage	3.2 V	Overall width	60 mm
Panel type	Poly crystalline	Overall height	220 mm
Panel voltage	5 V	Dimensions (Height x Width x Depth)	220 x 60 x 228 mm
Panel peak wattage	13 W	Material	Pressure die cast aluminum
Charge controller type	PWM		

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Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
CE mark	CE mark
Warranty period	2 years

Application Conditions

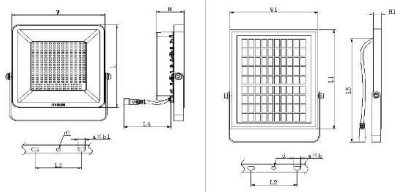
Solar dimming profile	Four preset dimming profile selectable by remote controller
Grid connection type	Off grid
Battery location	Inbuilt

Product Data

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



Dimensional drawing



TYPE	W	L	H	W1	L1	H1	L4
10001m	200	200	60.4	150	240	17	200
20001m	200	200	60.4	240	350	17	200
30001m	300	300	63.5	350	350	17	200
48001m	300	300	63.5	300	500	17	200

TYPE	L2	d	a×b	L3	d1	a×b1	L5
10001m	100	8.5	13×8.5	100	8.5	13×8.5	4800
20001m	100	8.5	13×8.5	100	8.5	13×8.5	4800
30001m	180	8.5	13×8.5	180	8.5	13×8.5	4800
48001m	180	8.5	13×8.5	180	8.5	13×8.5	4800

