



SmartBright Solar Flood Light

BVP080 LED10/757 060 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	1,000 lumen
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	150 lm/W
Color rendering index (CRI)	>80
Optical cover/lens type	Glass

Operating and Electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	6 Ah
Battery voltage	3.2 V
Panel type	Poly crystalline
Panel voltage	5 V

Panel peak wattage	7 W
Charge controller type	PWM
Charge controller wattage	6.5 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

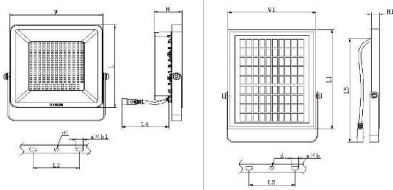
Mechanical and Housing	
Housing Color	RAL 9007
Overall length	228 mm
Overall width	60 mm
Overall height	220 mm
Dimensions (Height x Width x Depth)	220 x 60 x 228 mm

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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	
Full product code	692382865886199
Order product name	BVP080 LED10/757 060 G2
Order code	911401836002
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	5
Material Nr. (12NC)	911401836002
Full product name	BVP080 LED10/757 060 G2
EAN/UPC - Case	6923828658908
EAN/UPC - Product/Case	6923828658861

Dimensional drawing



TYPE	W	L	H	W1	L1	H1	LA
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	15×8.5	100	8.5	15×8.5	4800
20001m	100	8.5	15×8.5	100	8.5	15×8.5	4800
30001m	180	8.5	15×8.5	180	8.5	15×8.5	4800
48001m	180	8.5	15×8.5	180	8.5	15×8.5	4800

