SmartBright Solar Flood Light

BVP080 LED48/757 200 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

Light Technical	
Luminous Flux	4,800 lm
Luminous Efficacy (rated) (Nom)	150 lm/W
Correlated Color Temperature (Nom)	5700 K
Color rendering index (CRI)	>80
Optical cover type	Glass

Operating and Electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	12 Ah
Battery voltage	9.6 V
Panel type	Poly crystalline
Panel voltage	15 V
Panel peak wattage	32 W
Charge controller type	PWM

Charge controller wattage	32 W
Cable	5m cable for Solar panel connection included

Temperature	
Ambient temperature range	0 to +50 °C

Controls and Dimming	
Configurability	Configurable
Dimmable	Preset Dimming

Mechanical and Housing	
Housing Color	RAL 9007
Overall length	332 mm
Overall width	63.1 mm
Overall height	320 mm
Dimensions (Height x Width x Depth)	320 x 63 x 332 mm
Material	Pressure die cast aluminum

data subject to change

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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

Order product name	BVP080 LED48/757 200 G2

Full product name	BVP080 LED48/757 200 G2
Full product code	692382865887899
Order code	911401836102
Material Nr. (12NC)	911401836102
Numerator – Quantity Per Pack	1
Net Weight (Piece)	5.240 kg
EAN/UPC – Product/Case	6923828658878
Numerator – Packs per outer box	3
EAN/UPC – Case	6923828658915

Dimensional drawing

TYPE	W	L	H	W1	L1	H1	L4
1000lm	200	200	60.4	190	240	17	200
2000lm	200	200	60.4	240	350	17	200
3000lm	300	300	63.5	350	350	17	200
4800lm	300	300	63.5	350	560	17	200

TYPE	L2	d	a×b	L3	d1	a×b1	L5
1000lm	100	8.5	18×8.5	100	8.5	18×8.5	4800
2000lm	100	8.5	18×8.5	100	8.5	10×8.5	4800
3000lm	180	8.5	18×8.5	180	8.5	18×8.5	4800
4800lm	180	8.5	18×8.5	180	8.5	18×8.5	4800