



# 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
Panel type	Poly crystalline
Panel voltage	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

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

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

## Dimensional drawing

