



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
Light Technical	
Luminous Flux	1,000 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	6 Ah
Battery voltage	3.2 V
Battery charging & discharging cycles	1500
Panel type	Poly crystalline
Panel voltage	5 V
Panel peak wattage	8 W

Charge controller type	PWM
Cable connection kit	Included
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	Gray
Overall length	228 mm
Overall width	220 mm
Overall height	60 mm
Dimensions (Height x Width x Depth)	60 x 220 x 228 mm

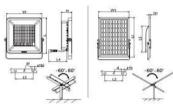
Datasheet, 2024, August 20 data subject to change

SmartBright Solar Flood Light

Material	Aluminum			
Approval and Application				
Ingress protection code	IP65 [Dust penetration-protected, jet-			
	proof]			
Mech. impact protection code	IK06 [1 J]			
CE mark	Yes			
EU RoHS compliant	Yes			
Application Conditions				
Ambient temperature range for charging	0 °C to 50 °C			
Ambient temperature range for discharging	-10 °C to 60 °C			
(when light is on)				
Solar dimming profile	Four preset dimming profile selectable b			
	remote controller			
Grid connection type	Off grid			

Battery location	Inbuilt
Product Data	
Order product name	BVP080 LED10/757 060 G2
Full product name	BVP080 LED10/757 060 G2
Full product code	692382867762699
Order code	911401884802
Material Nr. (12NC)	911401884802
Numerator - Quantity Per Pack	1
Net Weight (Piece)	2.370 kg
EAN/UPC - Product/Case	6923828677626
Numerator - Packs per outer box	5
EAN/UPC - Case	6923828677664

Dimensional drawing



TYPE	W	L	H	WI	L	1	HI	L4
1000lm	200	200	60.4	350	23	15	15	200
2000lm	200	200	60.4	350	35	0	15	200
3000lm	300	300	63.5	350	45	0	15	200
4800lm	300	300	63.5	350	68	10	15	200
TYPE	L2	d	axb	L3	dl		ы	L5
1000lm	180	8.5	15x8.5	100	8.5	300	8.5	4800
2000lm	180	8.5	15x8.5	100	8.5	-	8.5	4800
3000lm	180	8.5	15x8.5	180	8.5	150	8.5	4800
10001	100	0.5		100				*000



© 2024 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.