



Essential SmartBright Solar Flood Light

BVC080 LED6/765

Solar flood lighting DIY kit with lithium ferro phosphate battery built in the luminaire, Remote controller and installation accessories included. IP 65 ABS plastic construction for sturdiness and long life. Available in 600, 900 and 1500 Lumens

Warnings and Safety

• This product includes rechargeable batteries which must be adequately charged under sunlight before use.

Product data

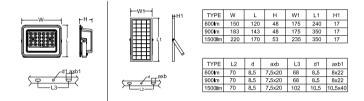
General Information		Temperature	
Driver included	Yes	Ambient temperature range	0 to +45 °C
Light Technical		Controls and Dimming	
Luminous Flux	600 lumen	Dimmable	Yes
Correlated Color Temperature (Nom)	6500 K	Configurability	Configurable
Luminous Efficacy (rated) (Nom)	150 lm/W	Control interface	IR remote
Color rendering index (CRI)	>70		
Optical cover/lens type	Polycarbonate	Mechanical and Housing	
		Overall length	150 mm
Operating and Electrical		Overall width	48 mm
Battery type	Lithium Ferro Phosphate	Overall height	120 mm
Battery ampere hour	5 Ah	Dimensions (Height x Width x Depth)	120 x 48 x 150 mm
Battery voltage	3.2 V	Material	Acrylonitrile-butadiene-styrene
Panel type	Poly crystalline		
Panel voltage	5 V	Approval and Application	
Panel peak wattage	5 W	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Charge controller type	PWM	Warranty period	1 years

Essential SmartBright Solar Flood Light

Application Conditions				
Solar dimming profile	As per remote controller			
Battery location	Inside luminaire			
Product Data				
Full product code	692382864894799			
Order product name	BVC080 LED6/765			
Order code	911401827202			

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	911401827202
Full product name	BVC080 LED6/765
EAN/UPC - Case	6923828648794

Dimensional drawing





IP 65

© 2023 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.

www.lighting.philips.com 2023, April 15 - data subject to change