



Essential SmartBright Solar Flood Light

BVC080 LED9/765

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	
Driver included	Yes
Optical cover/lens type	Polycarbonate
Control interface	IR remote
Warranty period	1 years
Material	Acrylonitrile-butadiene-styrene
Operating and electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	5 Ah
Battery voltage	3.2 V
Panel type	Poly crystalline
Panel voltage	5 V
Panel peak wattage	7 W
Charge controller type	PWM
Controls and dimming	
Dimmable	Yes

Configurability	Configurable	
Mechanical and housing		
Overall length	183 mm	
Overall width	48 mm	
Overall height	143 mm	
Approval and application		
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]	
Initial performance (IEC compliant)		
Initial luminous flux (system flux)	900 lm	
Initial LED luminaire efficacy	150 lm/W	
Init. Corr. Color Temperature	6500 K	
Init. Color Rendering Index	>70	
Application conditions		
Ambient temperature range	0 to +45 °C	
Solar dimming profile	As per remote controller	

Datasheet, 2022, August 13 data subject to change

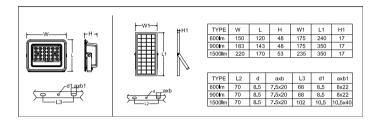
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Battery location	Inside luminaire
Product data	
Full product code	692382864895499
Order product name	BVC080 LED9/765
EAN/UPC - Product	6923828648954
Order code	911401827302

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	911401827302
Net Weight (Piece)	1.390 kg



Dimensional drawing



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