



# Essential SmartBright Solar Flood Light

# **BVC080 LED15/765**

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		
Light Technical			
Luminous Flux	1,500 lumen		
Correlated Color Temperature (Nom)	6500 K		
Luminous Efficacy (rated) (Nom)	150 lm/W		
Color rendering index (CRI)	>70		
Optical cover/lens type	Polycarbonate		
Operating and Electrical			
Battery type	Lithium Ferro Phosphate		
Battery ampere hour	10 Ah		
Battery voltage	3.2 V		
Panel type	Poly crystalline		
Panel voltage	5 V		
Panel peak wattage	10 W		
Charge controller type	PWM		

Temperature				
Ambient temperature range	0 to +45 °C			
Controls and Dimming				
Dimmable Yes				
Configurability	Configurable			
Control interface	IR remote			
Mechanical and Housing				
Overall length	220 mm			
Overall width	53 mm			
Overall height	170 mm			
Dimensions (Height x Width x Depth)	170 x 53 x 220 mm			
Material	Acrylonitrile-butadiene-styrene			
Approval and Application	·			
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]			
Warranty period	1 years			

Datasheet, 2023, April 15 data subject to change

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Application Conditions			
Solar dimming profile	As per remote controller		
Battery location	Inside luminaire		
Product Data			
Full product code	692382864896199		
Order product name	BVC080 LED15/765		
Order code	911401827402		

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	5
Material number (12NC)	911401827402
Full product name	BVC080 LED15/765
EAN/UPC - Case	6923828648817



### Dimensional drawing





TYPE	W	L	Н	W1	L1	H1
600 <b>l</b> m	150	120	48	175	240	17
900 <b>i</b> m	183	143	48	175	350	17
1500 <b>i</b> m	220	170	53	235	350	17

TYPE	L2	d	axb	L3	d1	axb1
600 <b>I</b> m	70	8.5	7.5x20	68	8.5	8x22
900 <b>l</b> m	70	8.5	7.5x20	68	8.5	8x22
1500lm	70	8,5	7.5x20	102	10.5	10.5x40



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