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		Charge controller type	PWM
Driver included	Yes		
Warranty period	1 years	**Temperature**	
		Ambient temperature range	0 to +45 °C
Light Technical			
Luminous Flux	1,500 lm	**Controls and Dimming**	
Correlated Color Temperature (Nom)	6500 K	Dimmable	Yes
Luminous Efficacy (rated) (Nom)	150 lm/W	Configurability	Configurable
Color rendering index (CRI)	>70	Control interface	IR remote
Optical cover type	Polycarbonate		
		Mechanical and Housing	
Operating and Electrical		Overall length	220 mm
Battery type	Lithium Ferro Phosphate	Overall width	53 mm
Battery ampere hour	10 Ah	Overall height	170 mm
Battery voltage	3.2 V	Dimensions (Height x Width x Depth)	170 x 53 x 220 mm
Panel type	Poly crystalline	Material	Acrylonitrile–butadiene–styrene
Panel voltage	5 V		
Panel peak wattage	10 W		

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Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]

Application Conditions

Solar dimming profile	As per remote controller
Battery location	Inside luminaire

Product Data

Order product name	BVC080 LED15/765
Full product name	BVC080 LED15/765

Full product code	692382864896199
Order code	911401827402
Material Nr. (12NC)	911401827402
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	6923828648961
Numerator – Packs per outer box	5
EAN/UPC – Case	6923828648817

Dimensional drawing

TYPE	W	L	H	W1	L1	H1
600lm	150	120	48	175	240	17
900lm	183	143	48	175	350	17
1500lm	220	170	53	235	350	17

TYPE	L2	d	axb	L3	d1	axb1
600lm	70	8.5	7.5x20	68	8.5	8x22
900lm	70	8.5	7.5x20	68	8.5	8x22
1500lm	70	8.5	7.5x20	102	10.5	10.5x40

www.lighting.philips.com

2023, April 15 – data subject to change