PHILIPS

Lighting

Essential SmartBright Solar Flood

BVC080 LED25/765 Solar

Solar flood light with lithium ferro phosphate battery built in the luminaire, Remote controller and installation accessories included. IP65, plastic housing. Available in 600, 900, 1500, 2500, 3000 and 4000 Lumens

Warnings and Safety

- Install the luminaire in a sunny place that is not shaded by trees, buildings and walls, then the solar panel can receive the maximum sunlight for charging the battery.
- Charge the product under sunlight for at least 8 hours before first time using.
- This luminaire does not need any external electrical connection. It works 100% on solar energy.

Product data

General Information	
Driver included	Yes
Value ladder	Value

Light Technical	
Luminous Flux	2,500 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	150 lm/W
Color rendering index (CRI)	70

Operating and Electrical	
Battery type	LiFePO4
Battery ampere hour	14.3 Ah
Battery voltage	3.2 V
Battery charging & discharging cycles	500
Panel type	Mono crystalline
Panel voltage	5 V
Panel peak wattage	15 W
Grid connection type	Off grid

Controls and Dimming	
Dimmable	No
Configurability	Not configurable
Solar dimming profile	Pre-configured

Mechanical and Housing	
Housing Color	Grey
Overall length	257 mm
Overall width	215 mm
Overall height	44 mm
Dimensions (Height x Width x Depth)	44 x 215 x 257 mm
Material	Acrylonitrile-butadiene-styrene

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Battery location	In built
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Optical cover type	Glass
Net Weight (Piece)	2.830 kg

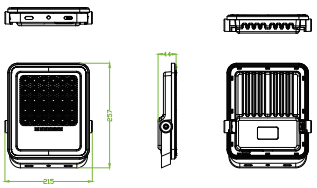
Approval and Application

Ambient temperature range	0 °C to 50 °C

Product Data

Order product name	BVC080 LED25/765 Solar
Full product name	BVC080 LED25/765 Solar
Full product code	692382867162499
Order code	911401874902
Material Nr. (12NC)	911401874902
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6923828671624
Numerator - Packs per outer box	5
EAN/UPC - Case	6923828671686

Dimensional drawing



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