



Essential SmartBright Solar Flood

BVC080 LED40/765 Solar Pro

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	4,000 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	28.5 Ah
Battery voltage	3.2 V
Battery charging & discharging cycles	1000
Panel type	Mono crystalline

Panel voltage	5 V
Panel peak wattage	30 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	365 mm
Overall width	288 mm
Overall height	60 mm
Dimensions (Height x Width x Depth)	60 x 288 x 365 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)	4.930 kg
Approval and Application	
Ambient temperature range	0 °C to 50 °C
Product Data	
Order product name	BVC080 LED40/765 Solar Pro

Full product name	BVC080 LED40/765 Solar Pro
Full product code	872016975063099
Order code	75063099
Material Nr. (12NC)	911401881302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169750630
Numerator - Packs per outer box	2
EAN/UPC - Case	8720169750692

Dimensional drawing

