



# Essential SmartBright Solar Flood

## BVC080 LED40/765 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		Panel voltage	
Driver included	Yes	Panel peak wattage	30 W
Value ladder	Value	Grid connection type	Off grid
Light Technical		Controls and Dimming	
Luminous Flux	4,000 lm	Dimmable	No
Correlated Color Temperature (Nom)	6500 K	Configurability	Not configurable
Luminous Efficacy (rated) (Nom)	150 lm/W	Solar dimming profile	Pre-configured
Color rendering index (CRI)	70	Mechanical and Housing	
Operating and Electrical		Housing Color	Grey
Battery type	LiFePO4	Overall length	365 mm
Battery ampere hour	28.5 Ah	Overall width	288 mm
Battery voltage	3.2 V	Overall height	60 mm
Battery charging & discharging cycles	500	Dimensions (Height x Width x Depth)	60 x 288 x 365 mm
Panel type	Mono crystalline	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
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### Product Data

Order product name	BVC080 LED40/765 Solar
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Full product name	BVC080 LED40/765 Solar
Full product code	692382867164899
Order code	911401875102
Material Nr. (12NC)	911401875102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6923828671648
Numerator - Packs per outer box	2
EAN/UPC - Case	6923828671709

## Dimensional drawing

