



# Essential SmartBright Solar Flood

## BVC080 LED40/730 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		Panel voltage	
Driver included	Yes		5 V
Value ladder	Value	Panel peak wattage	30 W
		Grid connection type	Off grid
Light Technical		Controls and Dimming	
Luminous Flux	4,000 lm	Dimmable	No
Correlated Color Temperature (Nom)	3000 K	Configurability	Not configurable
Luminous Efficacy (rated) (Nom)	140 lm/W	Solar dimming profile	Pre-configured
Color rendering index (CRI)	70		
Operating and Electrical		Mechanical and Housing	
Battery type	LiFePO4	Housing Color	Grey
Battery ampere hour	28.5 Ah	Overall length	365 mm
Battery voltage	3.2 V	Overall width	288 mm
Battery charging & discharging cycles	1000	Overall height	60 mm
Panel type	Mono crystalline	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
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## Product Data

Order product name	BVC080 LED40/730 Solar Pro
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Full product name	BVC080 LED40/730 Solar Pro
Full product code	872016975060999
Order code	911401881002
Material Nr. (12NC)	911401881002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169750609
Numerator - Packs per outer box	2
EAN/UPC - Case	8720169750661

## Dimensional drawing

