



Essential SmartBright Solar Flood

BVC080 LED30/765 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 | | Panel voltage | |
|---------------------------------------|------------------|-------------------------------------|---------------------------------|
| Driver included | Yes | Panel peak wattage | 20 W |
| Value ladder | Value | Grid connection type | Off grid |
| Light Technical | | Controls and Dimming | |
| Luminous Flux | 3,000 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 | 290 mm |
| Battery ampere hour | 19 Ah | Overall width | 249 mm |
| Battery voltage | 3.2 V | Overall height | 49 mm |
| Battery charging & discharging cycles | 1000 | Dimensions (Height x Width x Depth) | 49 x 249 x 290 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) | 3.700 kg |

Approval and Application

| | |
|---------------------------|---------------|
| Ambient temperature range | 0 °C to 50 °C |
|---------------------------|---------------|

Product Data

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| Order product name | BVC080 LED30/765 Solar Pro |
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|---------------------------------|----------------------------|
| Full product name | BVC080 LED30/765 Solar Pro |
| Full product code | 872016975062399 |
| Order code | 911401881202 |
| Material Nr. (12NC) | 911401881202 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169750623 |
| Numerator - Packs per outer box | 5 |
| EAN/UPC - Case | 8720169750685 |

Dimensional drawing

