



Essential SmartBright LED Solar Flood

BVC010 LED6/730 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, 1000, 2000, 3000, 4000, 5000 and 6000 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 type | |
|---------------------------------------|----------|------------------------|------------------|
| Driver included | Yes | Panel type | Mono crystalline |
| Warranty period | 1 years | Panel voltage | 5 V |
| Light Technical | | Panel peak wattage | 5 W |
| Luminous Flux | 600 lm | Charge controller type | PWM |
| Correlated Color Temperature (Nom) | 3000 K | Cable connection kit | Included |
| Luminous Efficacy (rated) (Nom) | 165 lm/W | Connection | - |
| Color rendering index (CRI) | 70 | Cable | - |
| Operating and Electrical | | Grid connection type | Off grid |
| Line Frequency | - Hz | Controls and Dimming | |
| Battery type | LiFePO4 | Dimmable | Preset Dimming |
| Battery ampere hour | 4 Ah | Configurability | Not configurable |
| Battery voltage | 3.2 V | Control interface | - |
| Battery charging & discharging cycles | 500 | Solar dimming profile | Preset Dimming |

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Mechanical and Housing

| | |
|-------------------------------------|--|
| Housing Color | Grey |
| Overall length | 125 mm |
| Overall width | 165 mm |
| Overall height | 48 mm |
| Dimensions (Height x Width x Depth) | 48 x 165 x 125 mm |
| Material | Acrylonitrile-butadiene-styrene |
| Battery location | Inbuilt luminaire |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Optical cover type | Polycarbonate |
| Net Weight (Piece) | 1.070 kg |

Approval and Application

| | |
|-------------------|-----|
| CE mark | Yes |
| EU RoHS compliant | Yes |

| | |
|---------------------------------|-----------------------|
| Ambient temperature range | 0 to +45 °C |
| Product Data | |
| Order product name | BVC010 LED6/730 Solar |
| Full product name | BVC010 LED6/730 Solar |
| Full product code | 872110333719199 |
| Order code | 911401813803 |
| Material Nr. (12NC) | 911401813803 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8721103337191 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8721103337641 |

Dimensional drawing

