



Essential SmartBright LED Solar Flood

BVC010 LED10/730 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 voltage | Mono crystalline |
| Warranty period | 1 years | Panel peak wattage | 5 V |
| Light Technical | | Charge controller type | 6 W |
| Luminous Flux | 1,000 lm | Cable connection kit | PWM |
| Correlated Color Temperature (Nom) | 3000 K | Connection | Included |
| Luminous Efficacy (rated) (Nom) | 165 lm/W | Cable | - |
| Color rendering index (CRI) | 70 | Grid connection type | - |
| Operating and Electrical | | Controls and Dimming | |
| Line Frequency | - Hz | Dimmable | Off grid |
| Battery type | LiFePO4 | Configurability | Preset Dimming |
| Battery ampere hour | 4 Ah | Control interface | Not configurable |
| Battery voltage | 3.2 V | Solar dimming profile | - |
| Battery charging & discharging cycles | 500 | | Preset Dimming |

Essential SmartBright LED Solar Flood

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) | 1.120 kg |

Approval and Application

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

| | |
|---------------------------------|------------------------|
| Ambient temperature range | 0 to +45 °C |
| Product Data | |
| Order product name | BVC010 LED10/730 Solar |
| Full product name | BVC010 LED10/730 Solar |
| Full product code | 872110333720799 |
| Order code | 911401813903 |
| Material Nr. (12NC) | 911401813903 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8721103337207 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8721103337658 |

Dimensional drawing

