



Essential SmartBright Solar Flood

BVC080 LED15/730 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 | | Battery charging & discharging cycles | |
|------------------------------------|----------|---------------------------------------|--|
| Driver included | Yes | Battery charging & discharging cycles | 1000 |
| Value ladder | Value | Panel type | Mono crystalline |
| Warranty period | 2 years | Panel voltage | 5 V |
| Light Technical | | Panel peak wattage | 8 W |
| Luminous Flux | 1,500 lm | Charge controller type | PWM |
| Correlated Color Temperature (Nom) | 3000 K | Cable | 5m cable for Solar panel connection included |
| Luminous Efficacy (rated) (Nom) | 160 lm/W | Grid connection type | Off grid |
| Color rendering index (CRI) | 70 | Controls and Dimming | |
| Operating and Electrical | | Dimmable | Preset Dimming |
| Line Frequency | - Hz | Configurability | Not configurable |
| Battery type | LiFePO4 | Solar dimming profile | Preset Dimming |
| Battery ampere hour | 8 Ah | Mechanical and Housing | |
| Battery voltage | 3.2 V | Housing Color | Grey |
| | | Overall length | 220 mm |

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|-------------------------------------|--|
| Overall width | 170 mm |
| Overall height | 53 mm |
| Dimensions (Height x Width x Depth) | 53 x 170 x 220 mm |
| Material | Acrylonitrile-butadiene-styrene |
| Battery location | Inbuilt luminaire |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK05 [0.7 J] |
| Optical cover type | Polycarbonate |
| Net Weight (Piece) | 1.490 kg |

Approval and Application

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|---------------------------|-------------|
| CE mark | Yes |
| EU RoHS compliant | Yes |
| Ambient temperature range | 0 to +45 °C |

Product Data

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|---------------------------------|----------------------|
| Order product name | BVC080 LED15/730 Pro |
| Full product name | BVC080 LED15/730 Pro |
| Full product code | 872016976495899 |
| Order code | 911401893202 |
| Material Nr. (12NC) | 911401893202 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169764958 |
| Numerator - Packs per outer box | 5 |
| EAN/UPC - Case | 8720169765078 |

Dimensional drawing

