



SmartBright Solar Flood Light

BVP080 LED10/757 060 G2

Solar flood lighting DIY kit with lithium ferro phosphate battery built in the luminaire, Split folding solar panel, remote controller and installation accessories. IP 66, IK 07, Extruded aluminium construction for sturdiness and long life. Choice of four lumen packs – 1000, 2000, 3000, 4800 lumens

Warnings and Safety

- This product includes rechargeable batteries which must be adequately charged under sunlight before use.

Product data

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|---------------------------------------|-------------------------|
| General Information | |
| Driver included | Yes |
| Light Technical | |
| Luminous Flux | 1,000 lm |
| Luminous Efficacy (rated) (Nom) | 150 lm/W |
| Correlated Color Temperature (Nom) | 5700 K |
| Color rendering index (CRI) | >80 |
| Optical cover type | Glass |
| Operating and Electrical | |
| Battery type | Lithium Ferro Phosphate |
| Battery ampere hour | 6 Ah |
| Battery voltage | 3.2 V |
| Battery charging & discharging cycles | 1500 |
| Panel type | Poly crystalline |
| Panel voltage | 5 V |
| Panel peak wattage | 8 W |

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|-------------------------------------|--|
| Charge controller type | PWM |
| Cable connection kit | Included |
| Cable | 5m cable for Solar panel connection included |
| Temperature | |
| Ambient temperature range | 0 to +50 °C |
| Controls and Dimming | |
| Configurability | Configurable |
| Dimmable | Preset Dimming |
| Mechanical and Housing | |
| Housing Color | Gray |
| Overall length | 228 mm |
| Overall width | 220 mm |
| Overall height | 60 mm |
| Dimensions (Height x Width x Depth) | 60 x 220 x 228 mm |

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| Material | Aluminum |
| Approval and Application | |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK06 [1 J] |
| CE mark | Yes |
| EU RoHS compliant | Yes |
| Application Conditions | |
| Ambient temperature range for charging | 0 °C to 50 °C |
| Ambient temperature range for discharging (when light is on) | -10 °C to 60 °C |
| Solar dimming profile | Four preset dimming profile selectable by remote controller |
| Grid connection type | Off grid |

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|---------------------------------|-------------------------|
| Battery location | Inbuilt |
| Product Data | |
| Order product name | BVP080 LED10/757 060 G2 |
| Full product name | BVP080 LED10/757 060 G2 |
| Full product code | 692382867762699 |
| Order code | 911401884802 |
| Material Nr. (12NC) | 911401884802 |
| Numerator - Quantity Per Pack | 1 |
| Net Weight (Piece) | 2.370 kg |
| EAN/UPC - Product/Case | 6923828677626 |
| Numerator - Packs per outer box | 5 |
| EAN/UPC - Case | 6923828677664 |

Dimensional drawing

