



# SmartBright Solar Flood Light

## BVP080 LED30/757 150 G2

Solar flood lighting with lithium ferro phosphate battery built in the luminaire, separate solar panel, with remote controller and installation accessories. IP65, IK06, Diecasting aluminium luminaire housing for sturdiness and long life. 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

|                                       |                         |
|---------------------------------------|-------------------------|
| General Information                   |                         |
| Driver included                       | Yes                     |
| Value ladder                          | Value                   |
| Light Technical                       |                         |
| Luminous Flux                         | 3,000 lm                |
| Correlated Color Temperature (Nom)    | 5700 K                  |
| Luminous Efficacy (rated) (Nom)       | 150 lm/W                |
| Color rendering index (CRI)           | >80                     |
| Operating and Electrical              |                         |
| Battery type                          | Lithium Ferro Phosphate |
| Battery ampere hour                   | 6 Ah                    |
| Battery voltage                       | 9.6 V                   |
| Battery charging & discharging cycles | 1500                    |
| Panel type                            | Poly crystalline        |
| Panel voltage                         | 15 V                    |
| Panel peak wattage                    | 20 W                    |

|                                     |                                                             |
|-------------------------------------|-------------------------------------------------------------|
| Charge controller type              | PWM                                                         |
| Cable connection kit                | Included                                                    |
| Cable                               | 5m cable for Solar panel connection included                |
| Grid connection type                | Off grid                                                    |
| Controls and Dimming                |                                                             |
| Dimmable                            | Preset Dimming                                              |
| Configurability                     | Configurable                                                |
| Solar dimming profile               | Four preset dimming profile selectable by remote controller |
| Mechanical and Housing              |                                                             |
| Housing Color                       | Gray                                                        |
| Overall length                      | 332 mm                                                      |
| Overall width                       | 320 mm                                                      |
| Overall height                      | 63 mm                                                       |
| Dimensions (Height x Width x Depth) | 63 x 320 x 332 mm                                           |

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|                              |                                              |
|------------------------------|----------------------------------------------|
| Material                     | Aluminum                                     |
| Battery location             | Inbuilt                                      |
| Ingress protection code      | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK06 [1 J]                                   |
| Optical cover type           | Glass                                        |
| Net Weight (Piece)           | 4.460 kg                                     |

Approval and Application

|                           |             |
|---------------------------|-------------|
| CE mark                   | Yes         |
| EU RoHS compliant         | Yes         |
| Ambient temperature range | 0 to +50 °C |

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 |
|--------------------------------------------------------------|-----------------|

Product Data

|                                 |                         |
|---------------------------------|-------------------------|
| Order product name              | BVP080 LED30/757 150 G2 |
| Full product name               | BVP080 LED30/757 150 G2 |
| Full product code               | 692382867764099         |
| Order code                      | 911401885002            |
| Material Nr. (12NC)             | 911401885002            |
| Numerator - Quantity Per Pack   | 1                       |
| EAN/UPC - Product/Case          | 6923828677640           |
| Numerator - Packs per outer box | 3                       |
| EAN/UPC - Case                  | 6923828677688           |

Dimensional drawing

