



BVC080 MCCT G2 CCT selectable - Solar Flood Light

Essential SmartBright Solar Flood G2

Solar flood light with lithium ferro phosphate battery built in the luminaire, Remote controller and installation accessories included. IP65, plastic housing. Available in 1600, 2500, 3600, and 4500 Lumens.

Benefits

- Energy efficient and Environmentally friendly: Solar floodlights are powered by the sun, which means they don't rely on electricity from the grid. This reduces your energy bills and saves you money in the long run.
- Easy installation: Solar floodlights are easy to install and require no wiring or electrical work. This makes them a convenient and hassle-free option. All you need to do is mount them in an area that receives plenty of sunlight.
- Convenience: Turn on automatically at dusk and turn off at dawn, so you don't have to worry about manually turning on and off.
- Increased security : Solar floodlights can improve the security of your home or property by providing bright light in dark areas.
- Increased independence: By using solar floodlights, you are less dependent on the power grid and can enjoy greater independence in terms of your energy needs. This can be especially beneficial in remote or off-grid locations.

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Features

- 3 CCTs selectable with LED indicator for battery charging and discharging
- Solar floodlight range of product equivalent to 160W, 250W, 360W and 450W traditional floodlights respectively
- Infra red remote controller to dim luminaires
- Plastic housing
- LiFePO4 battery included inside the luminaire
- High luminous efficacy up-to 160lm/watt to maximize battery performance
- 5m cable between PV panel and Luminaire

Application

- Amenities
- Parking areas
- Landscapes
- Security
- Architectural lighting

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.

Versions



RTP-of-Essential-SmartBright-Solar-Flood-Light-G2



RTP-of-Essential-SmartBright-Solar-Flood-Light-G2



RTP-of-Essential-SmartBright-Solar-Flood-Light-G2



RTP-of-Essential-SmartBright-Solar-Flood-Light-G2

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| Order Code | Full Product Name | Battery voltage | Charge controller wattage | Panel voltage |
|--------------|----------------------------|-----------------|---------------------------|---------------|
| 911401807403 | BVC080 LED36/MCCT G2 Solar | 12.8 V | 22.5 W | 18 V |
| 911401807503 | BVC080 LED45/MCCT G2 Solar | 16 V | 28 W | 22 V |

| Order Code | Full Product Name | Battery voltage | Charge controller wattage | Panel voltage |
|--------------|----------------------------|-----------------|---------------------------|---------------|
| 911401807303 | BVC080 LED25/MCCT G2 Solar | 9.6 V | 15.6 W | 14 V |
| 911401807203 | BVC080 LED16/MCCT G2 Solar | 6.4 V | 10 W | 9 V |

Mechanical and Housing

| Order Code | Full Product Name | Overall length | Overall width |
|--------------|----------------------------|----------------|---------------|
| 911401807403 | BVC080 LED36/MCCT G2 Solar | 312 mm | 234 mm |
| 911401807503 | BVC080 LED45/MCCT G2 Solar | 312 mm | 234 mm |

| Order Code | Full Product Name | Overall length | Overall width |
|--------------|----------------------------|----------------|---------------|
| 911401807303 | BVC080 LED25/MCCT G2 Solar | 272 mm | 204 mm |
| 911401807203 | BVC080 LED16/MCCT G2 Solar | 232 mm | 174 mm |

Approval and Application

| Order Code | Full Product Name | Ambient temperature range |
|--------------|----------------------------|---------------------------|
| 911401807403 | BVC080 LED36/MCCT G2 Solar | 0 °C to 50 °C |
| 911401807503 | BVC080 LED45/MCCT G2 Solar | 0 to +50 °C |

| Order Code | Full Product Name | Ambient temperature range |
|--------------|----------------------------|---------------------------|
| 911401807303 | BVC080 LED25/MCCT G2 Solar | 0 °C to 50 °C |
| 911401807203 | BVC080 LED16/MCCT G2 Solar | 0 to +50 °C |

