



# GreenVision All-in-one Solar Street Light

## BRP715 LED50 WW Solar

Integrated solar street light with Lithium Ferro Phosphate battery, solar panel and MPPT charge controller built into the luminaire. Pressure die cast aluminium for sturdiness and long life. Specially designed pole mounting bracket allows different tilt angles, lateral and pole top mounting. Adjustable LED module for better distribution of light when required.

### Product data

| General Information                   |                  | Controls and Dimming                |  |
|---------------------------------------|------------------|-------------------------------------|--|
| Driver included                       | Yes              | Dimmable                            | Yes  |
| <b>Light Technical</b>                |                  | Configurability                     | Configurable                                 |
| Luminous Flux                         | 5,000 lm         | Solar dimming profile               | Dimming along with microwave motion sensor   |
| Correlated Color Temperature (Nom)    | 5700 K           | <b>Mechanical and Housing</b>       |  |
| Color rendering index (CRI)           | >70              | Housing Color                       | Black  |
| <b>Operating and Electrical</b>       |                  | Overall length                      | 560 mm                                       |
| Battery type                          | LiFePO4          | Overall width                       | 355 mm                                       |
| Battery ampere hour                   | 12 Ah            | Overall height                      | 133 mm                                       |
| Battery voltage                       | 12.8 V           | Dimensions (Height x Width x Depth) | 133 x 355 x 560 mm                           |
| Battery charging & discharging cycles | 2000             | Material                            | Aluminum                                     |
| Panel type                            | Mono crystalline | Battery location                    | Inbuilt                                      |
| Panel voltage                         | 18 V             | Ingress protection code             | IP65 [Dust penetration-protected, jet-proof] |
| Panel peak wattage                    | 25 W             | Mech. impact protection code        | IK08 [5 J vandal-protected]                  |
| Charge controller type                | MPPT             | Optical cover type                  | Polycarbonate bowl/cover                     |
| Cable                                 | -                | Net Weight (Piece)                  | 8.880 kg                                     |
| Grid connection type                  | Off grid         | <b>Approval and Application</b>     |  |
|                                       |                  | CE mark                             | Yes  |

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|                           |                       |
|---------------------------|-----------------------|
| Ambient temperature range | -10 °C to 55 °C       |
| <b>Product Data</b>       |                       |
| Order product name        | BRP715 LED50 WW Solar |
| Full product name         | BRP715 LED50 WW Solar |
| Full product code         | 872016950724100       |
| Order code                | 911401668308          |

|                                 |               |
|---------------------------------|---------------|
| Material Nr. (12NC)             | 911401668308  |
| Numerator - Quantity Per Pack   | 1             |
| EAN/UPC - Product/Case          | 8720169507241 |
| Numerator - Packs per outer box | 1             |
| EAN/UPC - Case                  | 8720169507241 |

## Dimensional drawing

