



# GreenVision All-in-one Solar Street Light

## BRP715 LED70 CW 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                   |                         |
|---------------------------------------|-------------------------|
| Driver included                       | Yes                     |
| Warranty period                       | 3 years                 |
| Light Technical                       |                         |
| Luminous Flux                         | 7,000 lm                |
| Correlated Color Temperature (Nom)    | 5700 K                  |
| Color rendering index (CRI)           | >70                     |
| Operating and Electrical              |                         |
| Battery type                          | Lithium Ferro Phosphate |
| Battery ampere hour                   | 18 Ah                   |
| Battery voltage                       | 12.8 V                  |
| Battery charging & discharging cycles | 2000                    |
| Panel type                            | Mono crystalline        |
| Panel voltage                         | 18 V                    |
| Panel peak wattage                    | 40 W                    |
| Charge controller type                | MPPT                    |
| Cable                                 | -                       |

| Grid connection type                | Off grid                                     |
|-------------------------------------|--|
| Controls and Dimming                |  |
| Dimmable                            | Yes  |
| Configurability                     | Configurable                                 |
| Control interface                   | IR remote                                    |
| Solar dimming profile               | Dimming along with microwave sensor          |
| Mechanical and Housing              |  |
| Housing Color                       | Black  |
| Overall length                      | 750 mm                                       |
| Overall width                       | 366 mm                                       |
| Overall height                      | 133 mm                                       |
| Dimensions (Height x Width x Depth) | 133 x 366 x 750 mm                           |
| Battery location                    | Inbuilt                                      |
| Ingress protection code             | IP65 [Dust penetration-protected, jet-proof] |
| Optical cover type                  | Polycarbonate                                |
| Net Weight (Piece)                  | 10.190 kg                                    |

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## Approval and Application

|                           |                 |
|---------------------------|-----------------|
| CE mark                   | Yes             |
| EU RoHS compliant         | Yes             |
| Ambient temperature range | -10 °C to 55 °C |

## Over Time Performance (IEC Compliant)

|                           |                |
|---------------------------|----------------|
| Median useful life L70B50 | 50,000 hour(s) |
|---------------------------|----------------|

## Product Data

|                    |                       |
|--------------------|-----------------------|
| Order product name | BRP715 LED70 CW Solar |
|--------------------|-----------------------|

|                                 |                       |
|---------------------------------|-----------------------|
| Full product name               | BRP715 LED70 CW Solar |
| Full product code               | 871951495412000       |
| Order code                      | 911401625608          |
| Material Nr. (12NC)             | 911401625608          |
| Numerator - Quantity Per Pack   | 1                     |
| EAN/UPC - Product/Case          | 8719514954120         |
| Numerator - Packs per outer box | 1                     |
| EAN/UPC - Case                  | 8719514954120         |

## Dimensional drawing

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