# GreenVision All-in-one Solar Street Light

## BRP715 LED120 CW Solar Pro

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 |

| Light Technical | |
|---|---|
| **Luminous Flux** | 12,000 lm |
| **Correlated Color Temperature (Nom)** | 5700 K |
| **Color rendering index (CRI)** | >70 |

| Operating and Electrical | |
|---|---|
| **Battery type** | LiFePO4 |
| **Battery ampere hour** | 66 Ah |
| **Battery voltage** | 12.8 V |
| **Battery charging & discharging cycles** | 2000 |
| **Panel type** | Mono crystalline |
| **Panel voltage** | 18 V |
| **Panel peak wattage** | 100 W |
| **Charge controller type** | MPPT |
| **Cable** | - |
| **Grid connection type** | Off grid |

| Controls and Dimming | |
|---|---|
| **Dimmable** | Yes |
| **Configurability** | Configurable |
| **Solar dimming profile** | Dimming along with mircowave motion sensor |

| Mechanical and Housing | |
|---|---|
| **Housing Color** | Black |
| **Overall length** | 1,670 mm |
| **Overall width** | 366 mm |
| **Overall height** | 133 mm |
| **Dimensions (Height x Width x Depth)** | 133 x 366 x 1670 mm |
| **Material** | Aluminum |
| **Battery location** | Inbuilt |
| **Ingress protection code** | IP65 [Dust penetration-protected, jet-proof] |
| **Mech. impact protection code** | IK08 [5 J vandal-protected] |
| **Optical cover type** | Polycarbonate bowl/cover |
| **Net Weight (Piece)** | 22.850 kg |

| Approval and Application | |
|---|---|
| **CE mark** | Yes |

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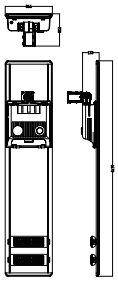
| | |
|---|---|
| **Ambient temperature range** | -10 °C to 55 °C |

## Product Data

| | |
|---|---|
| **Order product name** | BRP715 LED120 CW Solar Pro |
| **Full product name** | BRP715 LED120 CW Solar Pro |
| **Full product code** | 871951495419900 |
| **Order code** | 911401626308 |

| | |
|---|---|
| **Material Nr. (12NC)** | 911401626308 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 8719514954199 |
| **Numerator - Packs per outer box** | 1 |
| **EAN/UPC - Case** | 8719514954199 |

## Dimensional drawing



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