PHILIPS

Lighting



# GreenVision All-in-one Solar Street Light

## BRP715 LED91 620 Solar Pro 5

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 |
| **Optical cover/lens type** | Polycarbonate |
| **Control interface** | IR remote |
| **Dark Skies - DS01** | 1% blue content |
| **CE mark** | CE mark |
| **Warranty period** | 3 years |
| **EU RoHS compliant** | Yes |

| Operating and electrical | |
|---|---|
| **Battery type** | Lithium Ferro Phosphate |
| **Battery ampere hour** | 48 Ah |
| **Battery voltage** | 12.8 V |
| **Battery charging & discharging cycles** | 2000 |
| **Panel type** | Mono crystalline |
| **Panel voltage** | 18 V |
| **Panel peak wattage** | 90 W |
| **Charge controller type** | MPPT |
| **Initial fluz** | 9300 lumen |
| **Efficacy** | 103 lm/W |

| Controls and dimming | |
|---|---|
| **Dimmable** | Yes |
| **Configurability** | Configurable |

| Mechanical and housing | |
|---|---|
| **Overall length** | 1535 mm |
| **Overall width** | 366 mm |
| **Overall height** | 133 mm |
| **Color** | Black |

| Approval and application | |
|---|---|
| **Ingress protection code** | IP65 [ Dust penetration-protected, jet-proof] |

| Initial performance (IEC compliant) | |
|---|---|
| **Init. Corr. Color Temperature** | 2000 K |
| **Init. Color Rendering Index** | 60 |

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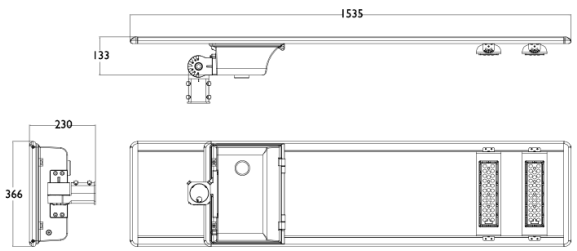
| Over time performance (IEC compliant) | |
|---|---|
| **Median useful life L70B50** | 50000 h |

| Application conditions | |
|---|---|
| **Ambient temperature range** | -20 to +55 °C |
| **Ambient temperature range for charging** | 0 °C to +55 °C |
| **Ambient temperature range for discharging (when light is on)** | -20 °C to +55 °C |
| **Solar dimming profile** | Dimming along with microwave sensor |
| **Grid connection type** | Off grid |
| **Battery location** | Inbuilt |
| **Aplication** | Especial protection areas |

| Product data | |
|---|---|
| **Order product name** | BRP715 LED91 620 Solar Pro 5 |
| **Order code** | 911401616010 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 1 |
| **Material Nr. (12NC)** | 911401616010 |
| **Net Weight (Piece)** | 16.8 kg |

IP65

## Dimensional drawing




**BRP715 LED91 620 Solar Pro 5**

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