



Smart Bright Solar

BRP049 LED 19 CW MR S2 12V LFP Solar Eq

SmartBright Solar is a sleek elegant & finless design innovative streetlight with best in class energy efficiency, inbuilt MPPT charge controller, High efficacy driver and LED platform to ensure higher energy saving and reliable operation over committed lifetime. SmartBright Solar Luminaire is a high pressure die-cast IK 08 rated housing, ensuring high strength and safety on the pole. The solid die-cast aluminum also has excellent heat dissipation, extending the life of the components inside. The multiple lumen packs and optics makes it optimum for the B2 category of Roads.

Product data

| General Information | |
|------------------------------------|--|
| Driver included | Yes |
| CE mark | CE mark |
| Warranty period | 3 years |
| Light Technical | |
| Luminous Flux | 1,900 lm |
| Correlated Color Temperature (Nom) | 5700 K |
| Color rendering index (CRI) | >70 |
| Optical cover type | Polycarbonate |
| Operating and Electrical | |
| Charge controller type | MPPT |
| Charge controller wattage | 17 W |
| Cable connection kit | Included |
| Cable | Cord 0.5 m 4 core for battery and panel, without connectors and additional 1.0 m cable for solar panel included in the box |

| Temperature | |
|-------------------------------------|--|
| Ambient temperature range | 0 to +35 °C |
| Controls and Dimming | |
| Dimmable | Yes |
| Configurability | Factory Configurable |
| Mechanical and Housing | |
| Overall length | 316 mm |
| Overall width | 107 mm |
| Overall height | 60 mm |
| Dimensions (Height x Width x Depth) | 60 x 107 x 316 mm |
| Material | Pressure die cast aluminum |
| Approval and Application | |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |

Smart Bright Solar

| | |
|---------------------------------------|---|
| Over Time Performance (IEC Compliant) | |
| Median useful life L70B50 | 50,000 hour(s) |
| Application Conditions | |
| Solar dimming profile | Dim to 50% after 6 Hours |
| Grid connection type | Off grid |
| Battery location | Outside Luminaire |
| Product Data | |
| Order product name | BRP049 LED 19 CW MR S2 12V LFP Solar Eq |

| | |
|---------------------------------|---|
| Full product name | BRP049 LED 19 CW MR S2 12V LFP Solar Eq |
| Order code | 919515812178 |
| Material Nr. (12NC) | 919515812178 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |

Dimensional drawing

