



SunStay

BRP710 LED20 WW MR 12V 35MO Solar

Integrated solar street light with Lithium Ferro Phosphate battery, solar panel and charger 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.

Product data

| | | | |
|---------------------------------------|-----------------------------------|--|--|
| General Information | | Temperature | |
| Driver included | Yes | Ambient temperature range | 0 to +35 °C |
| Light Technical | | Controls and Dimming | |
| Luminous Flux | 2,000 lm | Dimmable | Yes |
| Correlated Color Temperature (Nom) | 3000 K | Configurability | Factory Configurable |
| Luminous Efficacy (rated) (Nom) | 175 lm/W | Mechanical and Housing | |
| Color rendering index (CRI) | >70 | Housing Material | Aluminium pressure die cast |
| Light source color | Warm white | Housing Color | Gray |
| Optical cover type | UV stabilized Polycarbonate cover | Overall length | 684 mm |
| Operating and Electrical | | Overall width | 369 mm |
| Battery type | Lithium Ferro Phosphate | Overall height | 156 mm |
| Battery ampere hour | 20 Ah | Dimensions (Height x Width x Depth) | 156 x 369 x 684 mm |
| Battery voltage | 12.8 V | Approval and Application | |
| Battery charging & discharging cycles | 2000 | Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Panel type | Mono crystalline | Over Time Performance (IEC Compliant) | |
| Panel voltage | 17 Vmp, 21 Voc V | Median useful life L70B50 | 50,000 hour(s) |
| Panel peak wattage | 35 W | | |
| Charge controller type | MPPT | | |

| Application Conditions | |
|--|-----------------------------------|
| Ambient temperature range for charging | 0 °C to +45 °C |
| Ambient temperature range for discharging (when light is on) | -20 °C to +35 °C |
| Solar dimming profile | No dimming |
| Grid connection type | Off grid |
| Battery location | Inside Luminaire |
| Product Data | |
| Order product name | BRP710 LED20 WW MR 12V 35MO Solar |

| | |
|---------------------------------|-----------------------------------|
| Full product name | BRP710 LED20 WW MR 12V 35MO Solar |
| Full product code | 871016335459000 |
| Order code | 919515812970 |
| Material Nr. (12NC) | 919515812970 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8710163354590 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8710163354590 |

Dimensional drawing

