



SunStay

BRP710 LED45 NW MR S1 12V FD30 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 | |
|---------------------------------------|-------------------------|
| Driver included | Yes |
| Value ladder | Specification |
| Light Technical | |
| Luminous Flux | 4,500 lm |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 175 lm/W |
| Color rendering index (CRI) | >70 |
| Light source color | Neutral white |
| Operating and Electrical | |
| Battery type | Lithium Ferro Phosphate |
| Battery ampere hour | 30 Ah |
| Battery voltage | 12.8 V |
| Battery charging & discharging cycles | 2000 |
| Panel type | Mono crystalline |
| Panel voltage | 17 Vmp, 21 Voc V |
| Panel peak wattage | 60 W |
| Charge controller type | MPPT |
| Grid connection type | Off grid |

| Controls and Dimming | |
|-------------------------------------|--|
| Dimmable | Yes |
| Configurability | Factory Configurable |
| Solar dimming profile | 5hrs 100% + 7 hrs 30% |
| Mechanical and Housing | |
| Housing Material | Aluminium pressure die cast |
| Housing Color | Gray |
| Overall length | 757 mm |
| Overall width | 511 mm |
| Overall height | 188 mm |
| Dimensions (Height x Width x Depth) | 188 x 511 x 757 mm |
| Battery location | Inside Luminaire |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |
| Optical cover type | UV stabilized Polycarbonate cover |
| Net Weight (Piece) | 19.000 kg |
| Approval and Application | |
| Ambient temperature range | 0 to +35 °C |

Over Time Performance (IEC Compliant)

Median useful life L70B50 50,000 hour(s)

Application Conditions

Ambient temperature range for charging 0 °C to +45 °C

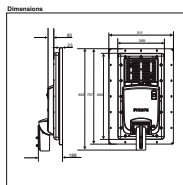
Ambient temperature range for discharging -20 °C to +35 °C
(when light is on)

Product Data

Order product name BRP710 LED45 NW MR S1 12V FD30 Solar

| | |
|---------------------------------|--------------------------------------|
| Full product name | BRP710 LED45 NW MR S1 12V FD30 Solar |
| Full product code | 871016336236600 |
| Order code | 919515813571 |
| Material Nr. (12NC) | 919515813571 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 190096184286 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8710163362366 |

Dimensional drawing



PHILIPS

