

BRP710 LED45 CW MR S1 12V LFP Solar

919515813566



SunStay - All In One solar street light

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.

General Information

Driver included	Yes
Value ladder	Specification

Light Technical

Luminous Flux	4,500 lm
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	175 lm/W
Color rendering index (CRI)	>70
Light source color	Cool 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	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)

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

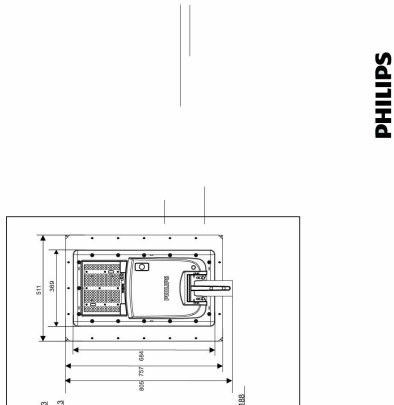
Approval and Application

Ambient temperature range	0 to +35 °C
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Over Time Performance (IEC Compliant)

Median useful life L70B50	50,000 hour(s)
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Dimensional drawing



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

Product Data

Order product name	BRP710 LED45 CW MR S1 12V LFP Solar
Full product name	BRP710 LED45 CW MR S1 12V LFP Solar
Full product code	871016336231100
Order code	919515813566
Material Nr. (12NC)	919515813566
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163362311
Numerator - Packs per outer box	1
EAN/UPC - Case	8710163362311

Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	441510925370-110-1-4500-6K-Rev-06.pdf	Download

