



# SunStay

## BRP710 LED45 CW MR S1 12V LFP 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	4,500 lm	Configurability	Factory Configurable
Luminous Efficacy (rated) (Nom)	175 lm/W	Dimmable	Yes
Correlated Color Temperature (Nom)	5700 K	Mechanical and Housing	
Color rendering index (CRI)	>70	Housing Material	Aluminium pressure die cast
Light source color	Cool white	Housing Color	Gray
Optical cover type	UV stabilized Polycarbonate cover	Overall length	757 mm
Operating and Electrical		Overall width	511 mm
Battery type	Lithium Ferro Phosphate	Overall height	188 mm
Battery ampere hour	30 Ah	Dimensions (Height x Width x Depth)	188 x 511 x 757 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	Mech. impact protection code	IK08 [5 J vandal-protected]
Panel voltage	17 Vmp, 21 Voc V	Over Time Performance (IEC Compliant)	
Panel peak wattage	60 W	Median useful life L70B50	50,000 hour(s)
Charge controller type	MPPT		

## Application Conditions

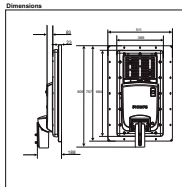
Ambient temperature range for charging	0 °C to +45 °C
Ambient temperature range for discharging (when light is on)	-20 °C to +35 °C
Solar dimming profile	30% Dusk to dawn, 100% on motion. ( Sensor disabled for 5 Hrs, after 5 Hrs)
Grid connection type	Off grid
Battery location	Inside Luminaire

## Product Data

Order product name	BRP710 LED45 CW MR S1 12V LFP Solar
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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
Net Weight (Piece)	19.000 kg
EAN/UPC - Product/Case	8710163362311
Numerator - Packs per outer box	1
EAN/UPC - Case	8710163362311

## Dimensional drawing



**PHILIPS**

