



# SunStay

## BRP710 LED45 CW MR S1 12V LFP Solar IN

Integrated solar street light with Lithium Ferro Phosphate battery, solar panel, charger and PIR sensor 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		Overall height	
Light source color	Cool white		188 mm
Driver included	Yes	Color	Gray
Optical cover/lens type	UV stabilized Polycarbonate cover	Approval and Application	
Operating and Electrical		Ingress protection code	IP65 [ Dust penetration-protected, jet-proof]
Battery type	Lithium Ferro Phosphate	Mech. impact protection code	IK08 [ 5 J vandal-protected]
Battery ampere hour	30 Ah	Initial Performance (IEC Compliant)	
Battery voltage	12.8 V	Initial luminous flux (system flux)	4500 lm
Battery charging & discharging cycles	2000	Initial LED luminaire efficacy	175 lm/W
Panel type	Mono crystalline	Init. Corr. Color Temperature	5700 K
Panel voltage	17 Vmp, 21 Voc V	Init. Color Rendering Index	>70
Panel peak wattage	60 W	Initial input power	26 W
Charge controller type	MPPT	Application Conditions	
Controls and Dimming		Ambient temperature range	0 to +35 °C
Dimmable	Yes	Ambient temperature range for charging	0 to +45 °C
Configurability	Factory Configurable	Ambient temperature range for discharging (when light is on)	-20 to +35 °C
Mechanical and Housing		Solar dimming profile	30% Dusk to dawn, 100% on motion. ( Sensor disabled for 5 Hrs, after 5 Hrs)
Housing Material	Aluminium pressure die cast	Grid connection type	Off grid
Overall length	757 mm		
Overall width	511 mm		

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<b>Battery location</b>	Inside Luminaire
<b>Product Data</b>	
<b>Order product name</b>	BRP710 LED45 CW MR S1 12V LFP Solar IN
<b>EAN/UPC - Product</b>	8710163354422
<b>Order code</b>	919515812830
<b>Numerator - Quantity Per Pack</b>	1

<b>Numerator - Packs per outer box</b>	1
<b>Material Nr. (12NC)</b>	919515812830
<b>Net Weight (Piece)</b>	19.000 kg

