



# SunStay

## BRP710 LED30 CW MR S1 12V LFP AIO Solar

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	156 mm
Light source color	Cool white	Color	Gray
Driver included	Yes	<b>Approval and Application</b>	
Optical cover/lens type	UV stabilized Polycarbonate cover	Ingress protection code	IP65 [ Dust penetration-protected, jet-proof]
<b>Operating and Electrical</b>		<b>Initial Performance (IEC Compliant)</b>	
Battery type	Lithium Ferro Phosphate	Initial luminous flux (system flux)	3000 lm
Battery ampere hour	20 Ah	Initial LED luminaire efficacy	175 lm/W
Battery voltage	12.8 V	Init. Corr. Color Temperature	5700 K
Battery charging & discharging cycles	2000	Init. Color Rendering Index	>70
Panel type	Mono crystalline	Initial input power	17 W
Panel voltage	17 Vmp, 21 Voc V	<b>Application Conditions</b>	
Panel peak wattage	35 W	Ambient temperature range	0 to +35 °C
Charge controller type	MPPT	Ambient temperature range for charging	0 to +45 °C
<b>Controls and Dimming</b>		Ambient temperature range for discharging (when light is on)	-20 to +35 °C
Dimmable	Yes	Solar dimming profile	30% Dusk to dawn, 100% on motion. ( Sensor disabled for 5 Hrs, after 5 Hrs)
Configurability	Factory Configurable	Grid connection type	Off grid
<b>Mechanical and Housing</b>			
Housing Material	Aluminium pressure die cast		
Overall length	684 mm		
Overall width	369 mm		

## SunStay

<b>Battery location</b>	Inside Luminaire
<b>Product Data</b>	
<b>Order product name</b>	BRP710 LED30 CW MR S1 12V LFP AIO Solar
<b>EAN/UPC - Product</b>	8710163354361
<b>Order code</b>	919515812388

<b>Numerator - Quantity Per Pack</b>	1
<b>Numerator - Packs per outer box</b>	1
<b>Material Nr. (12NC)</b>	919515812388
<b>Net Weight (Piece)</b>	11.000 kg

IP65

