



SunStay

BRP710 LED20 CW MR S1 12V 35MO PDIM50 So

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		156 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	Initial Performance (IEC Compliant)	
Battery ampere hour	13.6 Ah	Initial luminous flux (system flux)	2000 lm
Battery voltage	12.8 V	Initial LED luminaire efficacy	175 lm/W
Battery charging & discharging cycles	2000	Init. Corr. Color Temperature	5700 K
Panel type	Mono crystalline	Init. Color Rendering Index	>70
Panel voltage	17 Vmp, 21 Voc V	Initial input power	11.5 W
Panel peak wattage	35 W	Application Conditions	
Charge controller type	MPPT	Ambient temperature range	0 to +35 °C
Controls and Dimming		Ambient temperature range for charging	0 to +45 °C
Dimmable	Yes	Ambient temperature range for discharging (when light is on)	-20 to +35 °C
Configurability	Factory Configurable	Solar dimming profile	50% Dusk to dawn, 100% on Motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
Mechanical and Housing		Grid connection type	Off grid
Housing Material	Aluminium pressure die cast		
Overall length	684 mm		
Overall width	369 mm		

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Battery location	Inside Luminaire
Product Data	
Order product name	BRP710 LED20 CW MR S1 12V 35MO PDIM50 So
EAN/UPC - Product	8710163354224
Order code	919515812630

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	919515812630
Net Weight (Piece)	9.500 kg

IP65

