



SunStay

BRP710 LED20 CW MR S1 12V 28PO PDIM50 So

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		Controls and Dimming	
Driver included	Yes	Dimmable	Yes
Value ladder	Specification	Configurability	Factory Configurable
Light Technical		Solar dimming profile	50% Dusk to dawn, 100% on Motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
Luminous Flux	2,000 lm	Mechanical and Housing	
Correlated Color Temperature (Nom)	5700 K	Housing Material	Aluminium pressure die cast
Luminous Efficacy (rated) (Nom)	175 lm/W	Housing Color	Gray
Color rendering index (CRI)	>70	Overall length	684 mm
Light source color	Cool white	Overall width	369 mm
Operating and Electrical		Overall height	156 mm
Battery type	Lithium Ferro Phosphate	Dimensions (Height x Width x Depth)	156 x 369 x 684 mm
Battery ampere hour	13.6 Ah	Battery location	Inside Luminaire
Battery voltage	12.8 V	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Battery charging & discharging cycles	2000	Optical cover type	UV stabilized Polycarbonate cover
Panel type	Poly crystalline	Net Weight (Piece)	9.500 kg
Panel voltage	17 Vmp, 21 Voc V	Approval and Application	
Panel peak wattage	28 W	Ambient temperature range	0 to +35 °C
Charge controller type	MPPT		
Grid connection type	Off grid		

Over Time Performance (IEC Compliant)	
Median useful life L70B50	50,000 hour(s)
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 LED20 CW MR S1 12V 28PO PDIM50 So

Full product name	BRP710 LED20 CW MR S1 12V 28PO PDIM50 So
Full product code	871951450181200
Order code	919515812625
Material Nr. (12NC)	919515812625
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514501812
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514501812

Dimensional drawing

