



# 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
		Solar dimming profile	50% Dusk to dawn, 100% on Motion. ( Sensor disabled for 5 Hrs, after 5 Hrs)
Light Technical		Mechanical and Housing	
Luminous Flux	2,000 lm	Housing Material	Aluminium pressure die cast
Correlated Color Temperature (Nom)	5700 K	Housing Color	Gray
Luminous Efficacy (rated) (Nom)	175 lm/W	Overall length	684 mm
Color rendering index (CRI)	>70	Overall width	369 mm
Light source color	Cool white	Overall height	156 mm
		Dimensions (Height x Width x Depth)	156 x 369 x 684 mm
Operating and Electrical		Battery location	Inside Luminaire
Battery type	Lithium Ferro Phosphate	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Battery ampere hour	13.6 Ah	Optical cover type	UV stabilized Polycarbonate cover
Battery voltage	12.8 V	Net Weight (Piece)	9.500 kg
Battery charging & discharging cycles	2000		
Panel type	Poly crystalline	Approval and Application	
Panel voltage	17 Vmp, 21 Voc V	Ambient temperature range	0 to +35 °C
Panel peak wattage	28 W		
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	871016335445300
Order code	919515812629
Material Nr. (12NC)	919515812629
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163354453
Numerator - Packs per outer box	1
EAN/UPC - Case	8710163354453

## Dimensional drawing

