



# SunStay

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

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	
Driver included	Yes

  

Light Technical	
Luminous Flux	3,000 lm
Luminous Efficacy (rated) (Nom)	175 lm/W
Correlated Color Temperature (Nom)	5700 K
Color rendering index (CRI)	>70
Light source color	Cool white
Optical cover type	UV stabilized Polycarbonate cover

  

Operating and Electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	20 Ah
Battery voltage	12.8 V
Battery charging & discharging cycles	2000
Panel type	Mono crystalline
Panel voltage	17 Vmp, 21 Voc V
Panel peak wattage	35 W
Charge controller type	MPPT

Temperature	
Ambient temperature range	0 to +35 °C

  

Controls and Dimming	
Configurability	Factory Configurable
Dimmable	Yes

  

Mechanical and Housing	
Housing Material	Aluminium pressure die cast
Housing Color	Gray
Overall length	684 mm
Overall width	369 mm
Overall height	156 mm
Dimensions (Height x Width x Depth)	156 x 369 x 684 mm

  

Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]

  

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
Solar dimming profile	30% Dusk to dawn, 100% on motion. ( Sensor disabled for 5 Hrs, after 5 Hrs)
Grid connection type	Off grid
Battery location	Inside Luminaire

## Product Data

Order product name	BRP710 LED30 CW MR S1 12V LFP AIO Solar
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Full product name	BRP710 LED30 CW MR S1 12V LFP AIO Solar
Order code	919515812390
Material Nr. (12NC)	919515812390
Numerator - Quantity Per Pack	1
Net Weight (Piece)	10.500 kg
EAN/UPC - Product/Case	8719514523166
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514523166

## Dimensional drawing

