



SunStay

BRP710 LED20 WW MR 12V LFP 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		Controls and Dimming	
Driver included	Yes	Dimmable	Yes
Value ladder	Specification	Configurability	Factory Configurable
		Solar dimming profile	30% 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)	3000 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	Warm 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 WW MR 12V LFP Solar

Full product name BRP710 LED20 WW MR 12V LFP Solar

Full product code 871016335455200

Order code 919515812966

Material Nr. (12NC) 919515812966

Numerator - Quantity Per Pack 1

EAN/UPC - Product/Case 8710163354552

Numerator - Packs per outer box 1

EAN/UPC - Case 8710163354552

Dimensional drawing

