



SunStay

BRP710 LED20 WW MR 12V 35MO FDIM50 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		Configurability	
Driver included	Yes	Solar dimming profile	5hrs 100% + 7 hrs 50%
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
Operating and Electrical		Dimensions (Height x Width x Depth)	156 x 369 x 684 mm
Battery type	Lithium Ferro Phosphate	Battery location	Inside Luminaire
Battery ampere hour	13.6 Ah	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Battery voltage	12.8 V	Optical cover type	UV stabilized Polycarbonate cover
Battery charging & discharging cycles	2000	Approval and Application	
Panel type	Mono crystalline	Ambient temperature range	0 to +35 °C
Panel voltage	17 Vmp, 21 Voc V	Over Time Performance (IEC Compliant)	
Panel peak wattage	35 W	Median useful life L70B50	50,000 hour(s)
Charge controller type	MPPT	Application Conditions	
Grid connection type	Off grid	Ambient temperature range for charging	0 °C to +45 °C
Controls and Dimming			
Dimmable	Yes		

Ambient temperature range for discharging -20 °C to +35 °C
(when light is on)

Product Data

Order product name	BRP710 LED20 WW MR 12V 35MO FDIM50 Solar
Full product name	BRP710 LED20 WW MR 12V 35MO FDIM50 Solar
Full product code	871016335457600

Order code	919515812969
Material Nr. (12NC)	919515812969
Numerator - Quantity Per Pack	1
Net Weight (Piece)	10.000 kg
EAN/UPC - Product/Case	8710163354576
Numerator - Packs per outer box	1
EAN/UPC - Case	8710163354576

Dimensional drawing

