



SunStay

BRP710 LED20 NW 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	
Driver included	Yes
Light Technical	
Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	175 lm/W
Color rendering index (CRI)	>70
Light source color	Neutral white
Optical cover type	UV stabilized Polycarbonate cover
Operating and Electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	13.6 Ah
Battery voltage	12.8 V
Battery charging & discharging cycles	2000
Panel type	Poly crystalline
Panel voltage	17 Vmp, 21 Voc V
Panel peak wattage	28 W
Charge controller type	MPPT

Temperature		
Ambient temperature range	0 to +35 °C	
Controls and Dimming		
Dimmable	Yes	
Configurability	Factory Configurable	
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	

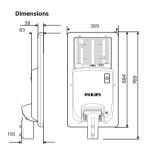
Datasheet, 2023, April 15 data subject to change

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Ambient temperature range for	-20 °C to +35 °C
discharging (when light is on)	
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 LED20 NW MR 12V LFP Solar
Full product name	BRP710 LED20 NW MR 12V LFP Solar

Full product code	871016335454500
Order code	919515812978
Material Nr. (12NC)	919515812978
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163354545
Numerator - Packs per outer box	1
EAN/UPC - Case	8710163354545

Dimensional drawing





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