



SunStay

BRP710 LED20 CW MR S1 12V LFP AIO Solar

An integrated solar street light with a lithium ferro phosphate battery, solar panel and charger built into the luminaire. Pressure die-cast aluminium for sturdiness and long life. A specially designed pole-mounting bracket allows different tilt angles, lateral and pole-top mounting.

Product data

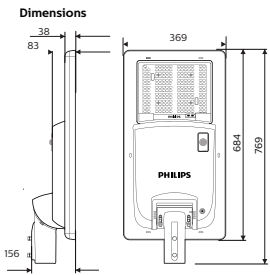
General Information		Overall height	
Lamp colour code	Cool white		156 mm
Driver included	Yes	Colour	Grey
Optical cover/lens type	UV-stabilised polycarbonate cover	Approval and Application	
Operating and Electrical		Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Battery type	Lithium Ferro Phosphate	Initial Performance (IEC Compliant)	
Battery ampere hour	13.6 Ah	Initial luminous flux (system flux)	2000 lm
Battery voltage	12.8 V	Initial LED luminaire efficacy	175 lm/W
Battery charging & discharging cycles	2000	Lamp colour temperature	5700 K
Panel type	Poly crystalline	Colour Rendering Index	>70
Panel voltage	17 Vmp, 21 Voc V	Over Time Performance (IEC Compliant)	
Panel peak wattage	28 W	Median useful life L70B50	50000 h
Charge controller type	MPPT	Application Conditions	
Controls and Dimming		Ambient temperature range	0 to +35 °C
Dimmable	Yes	Ambient temperature range for charging	0 to +45 °C
Configurability	Factory Configurable	Ambient temperature range for discharging (when light is on)	-20 to +35 °C
Mechanical and Housing		Solar dimming profile	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
Housing material	Aluminium pressure die cast		
Overall length	684 mm		
Overall width	369 mm		

Grid connection type	Off grid
Battery location	Inside Luminaire
Product Data	
Full product code	871016335449100
Order product name	BRP710 LED20 CW MR S1 12V LFP AIO Solar
EAN/UPC – product	8710163354491
Order code	919515812387

SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	919515812387
SAP net weight (piece)	9.500 kg

IP65

Dimensional drawing



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