



SunStay

BRP710 LED20 CW MR S1 12V LFP AIO Solar

Integrated solar street light with Lithium Ferro Phosphate battery, solar panel, charger and PIR sensor 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.

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Product data

General Information	
Lamp colour code	Cool white
Driver included	Yes
Optical cover/lens type	UV-stabilised 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

Controls and Dimming	
Dimmable	Yes
Configurability	Factory Configurable
Mechanical and Housing	
Housing material	Aluminium pressure die cast
Overall length	684 mm
Overall width	369 mm
Overall height	156 mm
Colour	Grey
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]

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Initial Performance (IEC Compliant)

Initial luminous flux	2000 lm
Initial LED luminaire efficacy	175 lm/W
Lamp colour temperature	5700 K
Colour Rendering Index	>70
Initial input power	11.5 W

Over Time Performance (IEC Compliant)

Median useful life L70B50	50000 h
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Application Conditions

Ambient temperature range	0 to +35 °C
Ambient temperature range for charging	0 to +45 °C
Ambient temperature range for discharging (when light is on)	-20 to +35 °C
Solar dimming profile	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)

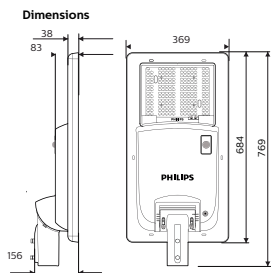
Grid connection type	Off grid
Battery location	Inside Luminaire

Product Data

Full product code	871016335449100
Order product name	BRP710 LED20 CW MR S1 12V LFP AIO Solar
EAN/UPC – product	8710163354491
Order code	919515812387
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	919515812387
Net weight (piece)	9.500 kg

IP65

Dimensional drawing



Solar Street Lights

