



SunStay

BRP710 LED45 CW MR S1 12V LFP 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		188 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	Mech. impact protection code	IK08 [5 J vandal-protected]
Battery ampere hour	30 Ah	Initial Performance (IEC Compliant)	
Battery voltage	12.8 V	Initial luminous flux (system flux)	4500 lm
Battery charging & discharging cycles	2000	Initial LED luminaire efficacy	175 lm/W
Panel type	Mono crystalline	Lamp colour temperature	5700 K
Panel voltage	17 Vmp, 21 Voc V	Colour Rendering Index	>70
Panel peak wattage	60 W	Over Time Performance (IEC Compliant)	
Charge controller type	MPPT	Median useful life L70B50	50000 h
Controls and Dimming		Application Conditions	
Dimmable	Yes	Ambient temperature range	0 to +35 °C
Configurability	Factory Configurable	Ambient temperature range for charging	0 to +45 °C
Mechanical and Housing		Ambient temperature range for discharging (when light is on)	-20 to +35 °C
Housing material	Aluminium pressure die cast		
Overall length	757 mm		
Overall width	511 mm		

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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

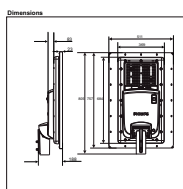
Product Data

Full product code	871016336231100
Order product name	BRP710 LED45 CW MR S1 12V LFP Solar
EAN/UPC – product	8710163362311

Order code	919515813566
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	919515813566
SAP net weight (piece)	19.000 kg



Dimensional drawing



PHILIPS

Solar Street Lights

