



SunStay

BRP710 LED45 CW MR S1 12V LFP Solar IN

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

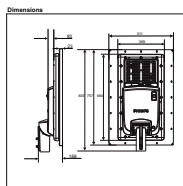
General Information		Overall height	188 mm
Lamp colour code	Cool white	Colour	Grey
Driver included	Yes	Approval and Application	
Optical cover/lens type	UV-stabilised polycarbonate cover	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Operating and Electrical		Mech. impact protection code	IK08 [5 J vandal-protected]
Battery type	Lithium Ferro Phosphate	Initial Performance (IEC Compliant)	
Battery ampere hour	30 Ah	Initial luminous flux (system flux)	4500 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	Mono crystalline	Colour Rendering Index	>70
Panel voltage	17 Vmp, 21 Voc V	Over Time Performance (IEC Compliant)	
Panel peak wattage	60 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	757 mm		
Overall width	511 mm		

Grid connection type	Off grid
Battery location	Inside Luminaire
Product Data	
Order product name	BRP710 LED45 CW MR S1 12V LFP Solar IN
EAN/UPC – product	8710163354422
Order code	919515812830
Local code	BRP710LED45CWMR

Numerator – quantity per pack	1
SAP numerator – packs per outer box	1
Material no. (12 NC)	919515812830
Net Weight (Piece)	19.000 kg



Dimensional drawing



PHILIPS

Solar Street Lights

