



SunStay

BRP710 LED45 CW MR S1 12V FD30 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

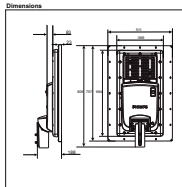
General Information		Overall height	
Lamp colour code	Cool white		188 mm
Driver included	Yes	Colour	Grey
Optical cover/lens type	UV-stabilised polycarbonate cover	Approval and Application	
Operating and Electrical		Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Battery type	Lithium 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	Solar dimming profile	5hrs 100% + 7 hrs 30%
Overall length	757 mm	Grid connection type	Off grid
Overall width	511 mm		

Battery location	Inside Luminaire
Product Data	
Full product code	871016336232800
Order product name	BRP710 LED45 CW MR S1 12V FD30 Solar
EAN/UPC – product	8710163362328
Order code	919515813567
Local order code	BRP710LED45CWMR

SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	919515813567
SAP net weight (piece)	19.000 kg



Dimensional drawing



PHILIPS

Solar Street Lights

