



SunStay

BRP710 LED20 WW MR 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

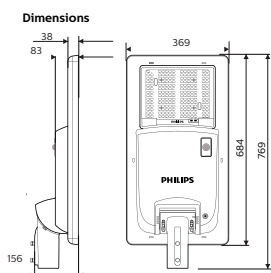
General information		Overall height	156 mm
Lamp colour code	Warm white	Colour	Grey
Driver included	Yes	Approval and application	
Optical cover/lens type	UV-stabilised polycarbonate cover	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Operating and electrical		Initial performance (IEC compliant)	
Battery type	Lithium Ferro Phosphate	Initial luminous flux (system flux)	2000 lm
Battery ampere hour	13.6 Ah	Initial LED luminaire efficacy	175 lm/W
Battery voltage	12.8 V	Lamp colour temperature	3000 K
Battery charging & discharging cycles	2000	Colour Rendering Index	>70
Panel type	Poly crystalline	Over time performance (IEC compliant)	
Panel voltage	17 Vmp, 21 Voc V	Median useful life L70B50	50000 h
Panel peak wattage	28 W	Application conditions	
Charge controller type	MPPT	Ambient temperature range	0 to +35 °C
Controls and dimming		Ambient temperature range for charging	0 °C to +45 °C
Dimmable	Yes	Ambient temperature range for discharging (when light is on)	-20 °C to +35 °C
Configurability	Factory Configurable	Solar dimming profile	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
Mechanical and housing			
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	871016335455200
Order product name	BRP710 LED20 WW MR 12V LFP Solar
EAN/UPC – product	8710163354552
Order code	919515812966

SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	919515812966
Net Weight (Piece)	9.500 kg

IP65

Dimensional drawing



BRP710 LED20 WW MR 12V LFP Solar

