



# 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	<b>Approval and Application</b>	
Optical cover/lens type	UV-stabilised polycarbonate cover	Ingress protection code	IP65 [ Dust penetration-protected, jet-proof]
Operating and Electrical		<b>Initial Performance (IEC Compliant)</b>	
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	<b>Over Time Performance (IEC Compliant)</b>	
Panel voltage	17 Vmp, 21 Voc V	Median useful life L70B50	50000 h
Panel peak wattage	28 W	<b>Application Conditions</b>	
Charge controller type	MPPT	Ambient temperature range	0 to +35 °C
<b>Controls and Dimming</b>		Ambient temperature range for charging	0 to +45 °C
Dimmable	Yes	Ambient temperature range for discharging (when light is on)	-20 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

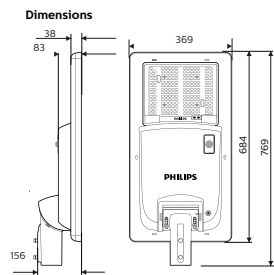
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	919515812966
SAP net weight (piece)	9.500 kg

## Product Data

Full product code	871016335455200
Order product name	BRP710 LED20 WW MR 12V LFP Solar
EAN/UPC – product	8710163354552
Order code	919515812966

IP65

## Dimensional drawing



## Solar Street Lights

