



SunStay

BRP710 LED30 WW MR 12V LFP AIO 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)	3000 lm
Battery ampere hour	20 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	Mono crystalline	Over Time Performance (IEC Compliant)	
Panel voltage	17 Vmp, 21 Voc V	Median useful life L70B50	50000 h
Panel peak wattage	35 W	Application Conditions	
Charge controller type	MPPT	Ambient temperature range	0 to +35 °C
Controls and Dimming		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

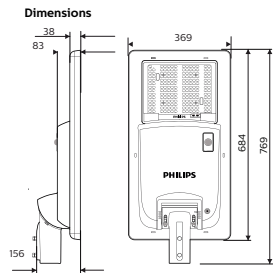
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	919515812971
SAP net weight (piece)	10.500 kg

Product Data

Full product code	871016335463700
Order product name	BRP710 LED30 WW MR 12V LFP AIO Solar
EAN/UPC – product	8710163354637
Order code	919515812971

IP65

Dimensional drawing



Solar Street Lights

