PHILIPS

Lighting

SunStay

BRP710 LED30 CW MR S1 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	
Lamp colour code	Cool white
Driver included	Yes
Optical cover/lens type	UV-stabilised polycarbonate cover

Operating and Electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	20 Ah
Battery voltage	12.8 V
Battery charging & discharging cycles	2000
Panel type	Mono crystalline
Panel voltage	17 Vmp, 21 Voc V
Panel peak wattage	35 W
Charge controller type	MPPT

Controls and Dimming	
Dimmable	Yes
Configurability	Factory Configurable

Mechanical and Housing	
Housing material	Aluminium pressure die cast
Overall length	684 mm
Overall width	369 mm
Overall height	156 mm
Colour	Grey

Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]

Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	3000 lm
Initial LED luminaire efficacy	175 lm/W
Lamp colour temperature	5700 K
Colour Rendering Index	>70

Over Time Performance (IEC Compliant)	
Median useful life L70B50	50000 h

Application Conditions	
Ambient temperature range	0 to +35 °C
Ambient temperature range for charging	0 to +45 °C
Ambient temperature range for discharging (when light is on)	-20 to +35 °C
Solar dimming profile	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)

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Grid connection type	Off grid
Battery location	Inside Luminaire

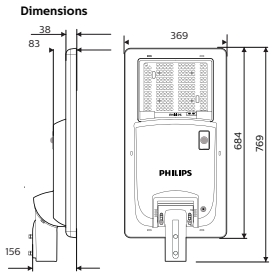
Product Data

Full product code	871016335461300
Order product name	BRP710 LED30 CW MR S1 12V LFP AIO Solar
EAN/UPC – product	8710163354613
Order code	919515812388

SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	919515812388
SAP net weight (piece)	10.500 kg

IP65

Dimensional drawing



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