



SunStay

BRP710 LED30 WW 60MO PDIM30 BLE 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	
Driver included	Yes
Optical cover/lens type	UV-stabilised polycarbonate cover
Control interface	BLE
CE mark	CE mark
Warranty period	3 years
Material	Pressure die cast aluminium
EU RoHS compliant	Yes

Operating and Electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	30 Ah
Battery voltage	12.8 V
Battery charging & discharging cycles	2000
Panel type	Mono crystalline
Panel voltage	17 V
Panel peak wattage	60 W
Charge controller type	MPPT

Controls and Dimming	
Dimmable	Yes
Configurability	Configurable

Mechanical and Housing	
Overall length	684 mm
Overall width	369 mm
Overall height	156 mm
Colour	RAL 7011

Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	3000 lm
Initial LED luminaire efficacy	175 lm/W
Lamp colour temperature	3000 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

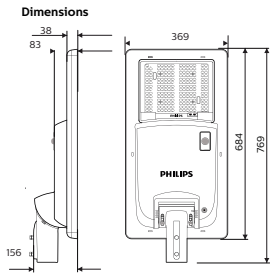
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Ambient temperature range for discharging (when light is on)	-20 to +35 °C
Solar dimming profile	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
Grid connection type	Off grid
Battery location	Inside Luminaire
Product Data	
Full product code	871951451729500
Order product name	BRP710 LED30 WW 60MO PDIM30 BLE Solar

EAN/UPC – product	8719514517295
Order code	919515814304
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	919515814304
SAP net weight (piece)	19.000 kg



Dimensional drawing



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