



SunStay

BRP710 LED30 WW 35MO 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
Value ladder	Specification
Warranty period	3 years
Light Technical	
Luminous Flux	3,000 lm
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	175 lm/W
Colour rendering index (CRI)	>70
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 V
Panel peak wattage	35 W
Charge controller type	MPPT
Grid connection type	Off grid

Controls and Dimming	
Dimmable	Yes
Configurability	Configurable
Control interface	BLE
Solar dimming profile	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)

Mechanical and Housing	
Housing Colour	RAL 7011
Overall length	684 mm
Overall width	369 mm
Overall height	156 mm
Dimensions (height x width x depth)	156 x 369 x 684 mm
Material	Pressure die cast aluminium
Battery location	Inside Luminaire
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	UV-stabilised polycarbonate cover
Net Weight (Piece)	10.500 kg

Approval and Application	
CE mark	Yes

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EU RoHS compliant	Yes
Ambient temperature range	0 to +35 °C

Over Time Performance (IEC Compliant)

Median useful life L70B50	50,000 h
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Application Conditions

Ambient temperature range for charging	0 °C to +45 °C
Ambient temperature range for discharging (when light is on)	-20 °C to +35 °C

Product Data

Order product name	BRP710 LED30 WW 35MO PDIM30 BLE Solar
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Full product name	BRP710 LED30 WW 35MO PDIM30 BLE Solar
Full EOC	871951451726400
Order code	919515814301
Material no. (12 NC)	919515814301
Local order code	BRP710
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514517264
Numerator – packs per outer box	1
EAN/UPC – Case	8719514517264

Dimensional drawing

