



SunStay

BRP710 LED45 NW MR S1 12V LFP Solar

Integrated solar street light with Lithium Ferro Phosphate battery, solar panel, charger and PIR sensor built into the luminaire. Pressure die cast aluminium for sturdiness and long life. Specially designed pole mounting bracket allows different tilt angles, lateral and pole top mounting.

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Product data

General Information		Controls and Dimming	
Lamp colour code	Neutral white	Dimmable	Yes
Driver included	Yes	Configurability	Factory Configurable
Optical cover/lens type	UV-stabilised polycarbonate cover		
Operating and Electrical		Mechanical and Housing	
Battery type	Lithium Ferro Phosphate	Housing material	Aluminium pressure die cast
Battery ampere hour	30 Ah	Overall length	757 mm
Battery voltage	12.8 V	Overall width	511 mm
Battery charging & discharging cycles	2000	Overall height	188 mm
Panel type	Mono crystalline	Colour	Grey
Panel voltage	17 Vmp, 21 Voc V		
Panel peak wattage	60 W	Approval and Application	
Charge controller type	MPPT	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]

SunStay

Mech. impact protection code	IK08 [5 J vandal-protected]
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Initial Performance (IEC Compliant)

Initial luminous flux	4500 lm
Initial LED luminaire efficacy	175 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	>70
Initial input power	26 W

Over Time Performance (IEC Compliant)

Median useful life L70B50	50000 h
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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
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Battery location	Inside Luminaire
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Product Data

Full product code	871016336234200
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Order product name	BRP710 LED45 NW MR S1 12V LFP Solar
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EAN/UPC – product	8710163362342
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Order code	919515813569
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Numerator – quantity per pack	1
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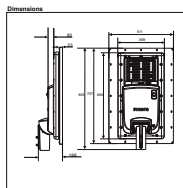
Numerator – packs per outer box	1
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Material no. (12NC)	919515813569
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Net weight (piece)	19.000 kg
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Dimensional drawing



PHILIPS

Solar Street Lights

