



# SunStay

## BRP710 LED45 NW MR S1 12V LFP 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	Neutral white
Driver included	Yes
Optical cover/lens type	UV-stabilised polycarbonate cover
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 Vmp, 21 Voc V
Panel peak wattage	60 W
Charge controller type	MPPT
Controls and Dimming	
Dimmable	Yes
Configurability	Factory Configurable
Mechanical and Housing	
Housing material	Aluminium pressure die cast
Overall length	757 mm
Overall width	511 mm

Overall height	188 mm
Colour	Grey

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	4500 lm
Initial LED luminaire efficacy	175 lm/W
Lamp colour temperature	4000 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

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<b>Solar dimming profile</b>	30% Dusk to dawn, 100% on motion. ( Sensor disabled for 5 Hrs, after 5 Hrs)
<b>Grid connection type</b>	Off grid
<b>Battery location</b>	Inside Luminaire

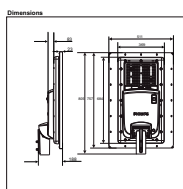
## Product Data

<b>Full product code</b>	871016336234200
<b>Order product name</b>	BRP710 LED45 NW MR S1 12V LFP Solar
<b>EAN/UPC – product</b>	8710163362342

<b>Order code</b>	919515813569
<b>Numerator – quantity per pack</b>	1
<b>Numerator – packs per outer box</b>	1
<b>SAP material</b>	919515813569
<b>SAP net weight (piece)</b>	19.000 kg



## Dimensional drawing



**PHILIPS**

Solar Street Lights

