



# **SunStay**

## BRP710 LED45 CW MR S1 12V LFP Solar

Integrated solar street light with Lithium Ferro Phosphate battery, solar panel and charger 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	
Light source color	Cool white
Driver included	Yes
Optical cover/lens type	UV stabilized 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 Dimension	
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
Color	Gray
Approval and Application	
Ingress protection code	IP65 [ Dust penetration-protected, jet-
	proof]

Datasheet, 2020, March 19 data subject to change

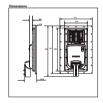
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Mech. impact protection code	IK08 [ 5 J vandal-protected]
Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	4500 lm
Initial LED luminaire efficacy	175 lm/W
Init. Corr. Color Temperature	5700 K
Init. Color Rendering Index	>70
Initial input power	26 W
Over Time Performance (IEC Complia	ant)
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	g -20 to +35 ℃
(when light is on)	

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	871016336231100
Order product name	BRP710 LED45 CW MR S1 12V LFP Solar
EAN/UPC - Product	8710163362311
Order code	919515813566
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	919515813566
Net Weight (Piece)	19.000 kg



## Dimensional drawing



PHILIPS

Solar Street Lights



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