



# SunStay

## BRP710 LED45 CW MR S1 12V FD30 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.

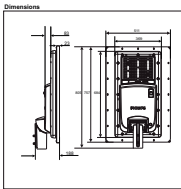
### Product data

General Information		Temperature	
Driver included	Yes	Ambient temperature range	0 to +35 °C
Light Technical		Controls and Dimming	
Luminous Flux	4,500 lm	Dimmable	Yes
Correlated Color Temperature (Nom)	5700 K	Configurability	Factory Configurable
Luminous Efficacy (rated) (Nom)	175 lm/W	Mechanical and Housing	
Color rendering index (CRI)	>70	Housing Material	Aluminium pressure die cast
Light source color	Cool white	Housing Color	Gray
Optical cover type	UV stabilized Polycarbonate cover	Overall length	757 mm
Operating and Electrical		Overall width	511 mm
Battery type	Lithium Ferro Phosphate	Overall height	188 mm
Battery ampere hour	30 Ah	Dimensions (Height x Width x Depth)	188 x 511 x 757 mm
Battery voltage	12.8 V	Approval and Application	
Battery charging & discharging cycles	2000	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Panel type	Mono crystalline	Mech. impact protection code	IK08 [5 J vandal-protected]
Panel voltage	17 Vmp, 21 Voc V	Over Time Performance (IEC Compliant)	
Panel peak wattage	60 W	Median useful life L70B50	50,000 h
Charge controller type	MPPT		

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
Solar dimming profile	5hrs 100% + 7 hrs 30%
Grid connection type	Off grid
Battery location	Inside Luminaire
Product Data	
Order product name	BRP710 LED45 CW MR S1 12V FD30 Solar
Full product name	BRP710 LED45 CW MR S1 12V FD30 Solar

Full product code	871016336232800
Order code	919515813567
Material Nr. (12NC)	919515813567
Local order code	BRP710LED45CWMR
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163362328
Numerator - Packs per outer box	1
EAN/UPC - Case	8710163362328

Dimensional drawing



PHILIPS

