



# SunStay

## BRP710 LED45 CW MR HY SOLAR IN

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	
Driver included	Yes
Optical cover/lens type	UV stabilized Polycarbonate cover
Cable	Cable 0.8m, 2-core, 1.5mm2
CE mark	CE mark
Material	Pressure die cast aluminum
Operating and electrical	
Input Voltage	240 V
Input Frequency	50 Hz
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
Charge controller wattage	25 W
Cable connection kit	Included
Controls and dimming	
Dimmable	Yes

Configurability	Factory Configurable
Mechanical and housing	
Overall length	757 mm
Overall width	511 mm
Overall height	188 mm
Color	RAL 7011
Approval and application	
Ingress protection code	IP65 [ Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [ 5 J vandal-protected]
Surge Protection (Common/Differential)	Surge protection level until 4 kV
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
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	100% Dusk to dawn
Grid connection type	Hybrid
Battery location	Integrated

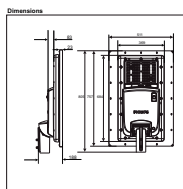
## Product data

Order product name	BRP710 LED45 CW MR HY SOLAR IN
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Order code	919515813168
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	919515813168
Net Weight (Piece)	24.000 kg



## Dimensional drawing



**PHILIPS**

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