



SunStay - All In One solar street light

SunStay

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.

Benefits

- \cdot Brings light to areas without access to electric grid
- Saves energy
- \cdot Preserves landscape as no trenching for cabling required
- \cdot Environment friendly
- \cdot Sturdy construction for long life

Features

- High luminous efficacy of 175 lm/Watt to maximize battery performance
- Replaceable Lithium Ferro Phosphate battery for long life and hassle free operations.
- MPPT charge controller for maximum efficiency
- Pressure die-cast aluminum housing for sturdiness and excellent heat dissipation.
- Specially designed pole mounting bracket with adjustable tilt angles of 0 to 15 degrees, which can also be used in post top & lateral mounting positions
- \cdot Factory set dimming profile along with PIR sensor for run time maximization.
- Self diagnostic feature along with battery charging, discharging & cut-off LED Indicators

SunStay

Application

- Class A & B roads
- Rural areas
- Parks, pedestrian path lighting
- Industries, office, schools
- Shopping centers, corporate campuses, plazas

Versions

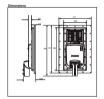




SunStay Hybrid

SunStay 4500 Lumen

Dimensional drawing



PHILIPS

SunStay

Light Technical	
Color rendering index (CRI)	>70
Operating and Electrical	
Battery ampere hour	30 Ah
Battery charging & discharging cycles	2000
Battery type	Lithium Ferro
	Phosphate
Battery voltage	12.8 V
Charge controller type	MPPT
Panel peak wattage	60 W
Panel type	Mono crystalline
Panel voltage	17 Vmp, 21 Voc V
Controls and Dimming	
Dimmable	Yes
Configurability	Factory
	Configurable
Mechanical and Housing	
incentancal and nousing	
Battery location	Inside Luminaire
-	Inside Luminaire IP65
Battery location	
Battery location	IP65
Battery location Ingress protection code Overall height	IP65 188 mm
Battery location Ingress protection code Overall height Overall length	IP65 188 mm 757 mm
Battery location Ingress protection code Overall height Overall length	IP65 188 mm 757 mm
Battery location Ingress protection code Overall height Overall length Overall width	IP65 188 mm 757 mm
Battery location Ingress protection code Overall height Overall length Overall width Approval and Application Ambient temperature range	IP65 188 mm 757 mm 511 mm
Battery location Ingress protection code Overall height Overall length Overall width Approval and Application Ambient temperature range Application Conditions	IP65 188 mm 757 mm 511 mm 0 to +35 °C
Battery location Ingress protection code Overall height Overall length Overall width Approval and Application Ambient temperature range Application Conditions Ambient temperature range for	IP65 188 mm 757 mm 511 mm
Battery location Ingress protection code Overall height Overall length Overall width Approval and Application Ambient temperature range Application Conditions Ambient temperature range for charging	IP65 188 mm 757 mm 511 mm 0 to +35 °C
Battery location Ingress protection code Overall height Overall length Overall width Approval and Application Ambient temperature range Application Conditions Ambient temperature range for	IP65 188 mm 757 mm 511 mm 0 to +35 °C

Operating and Electrical

			Charge	Grid
		Cable	controller	connection
Order Code	Full Product Name	connection kit	wattage	type
919515813979	BRP710 LED60 CW	Included	35 W	Hybrid
	MR HY FDIM20			
	SOLAR			

Cable			Charge	Grid
		Cable	controller	connection
Order Code	Full Product Name	connection kit	wattage	type
919515813569	BRP710 LED45 NW	-	-	Off grid
	MR S1 12V LFP Solar			

Correlated Color Temperature (Nom)

5700 K 4000 K

Controls and Dimming

Order Code Full Product Name	Solar dimming profile	Order Code	Full Product Name	Solar dimming profile
919515813979 BRP710 LED60 CW MR HY	4hrs 100% + 8 hrs 20%	919515813569	BRP710 LED45 NW MR S1 12V	30% Dusk to dawn, 100% on motion.
FDIM20 SOLAR			LFP Solar	(Sensor disabled for 5 Hrs, after 5 Hrs)

Light Technical Order Code Fu

919515813979

919515813569

Full Product Name

BRP710 LED60 CW MR HY FDIM20 SOLAR

BRP710 LED45 NW MR S1 12V LFP Solar

Mechanical and Housing

Product family leaflet, 2023, May 11

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Order Code	Full Product Name	Housing Color	Order Code	Full Product Name	Housing Color
919515813979	BRP710 LED60 CW MR HY FDIM20 SOLAR	RAL 7011	919515813569	BRP710 LED45 NW MR S1 12V LFP Solar	Gray



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