PHILIPS

SunStay

7456095

SunStay - All In One solar street light

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

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

Applications

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

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
- Factory set dimming profile along with PIR sensor for run time maximization.
- Self diagnostic feature along with battery charging, discharging & cut-off LED Indicators

Versions

SunStay Hybrid

standard shot sunstay

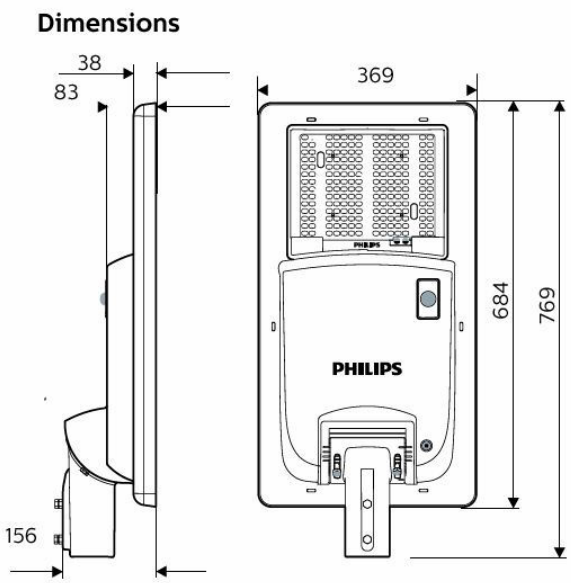
SunStay Hybrid

BRP710

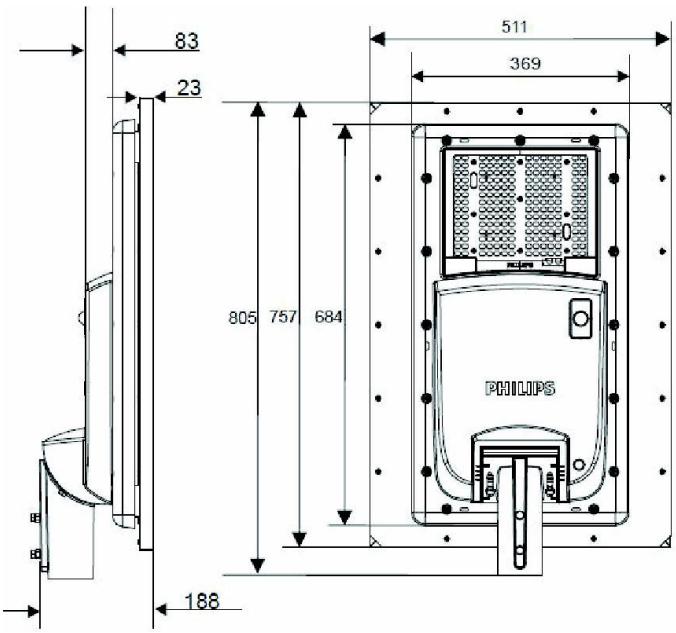
SunStay 4500 Lumen

BRP710

Dimensional drawing

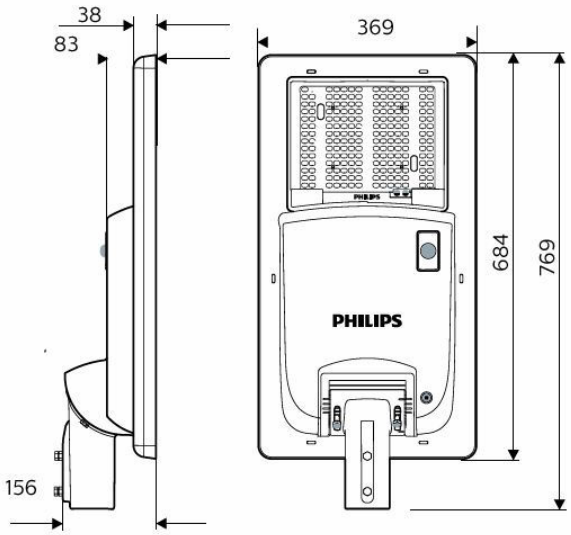


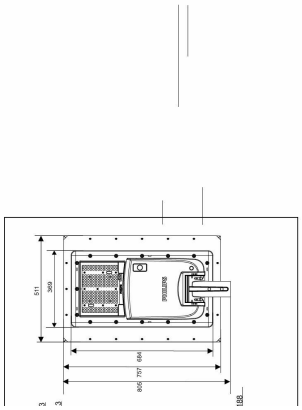
SunStay Hybrid



BRP710 LED30 NW 60MO PDIM30 BLE SOLAR EX

Dimensions





Sunstay 4500

Lithium Ferro Phosphate battery

Light Technical

Color rendering index (CRI)	>70

Operating and Electrical

Battery type	Lithium Ferro Phosphate
Battery voltage	12.8 V
Battery charging & discharging cycles	2000
Panel type	Mono crystalline
Charge controller type	MPPT
Cable connection kit	Included

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Battery location	Inside Luminaire
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]

Approval and Application

Ambient temperature range	0 to +35 °C

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

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)
50191100	BRP710 LED45 NW MR HY FDIM50 SOLAR	4000 K
50192800	BRP710 LED60 NW MR HY FDIM20 SOLAR	4000 K
50198000	BRP710 LED45 WW MR HY FDIM50 SOLAR	3000 K
50199700	BRP710 LED60 WW MR HY FDIM20 SOLAR	3000 K
51726400	BRP710 LED30 WW 35MO PDIM30 BLE Solar	3000 K
919515898027	BRP710 LED30 NW 35MO PDIM30 BLE SOLAR EX	4000 K
50197300	BRP710 LED30 WW MR HY FDIM50 SOLAR	3000 K
919515898031	BRP710 LED30 NW 60MO PDIM30 BLE SOLAR EX	4000 K
36231100	BRP710 LED45 CW MR S1 12V LFP Solar	5700 K
36234200	BRP710 LED45 NW MR S1 12V LFP Solar	4000 K
51727100	BRP710 LED45 WW 60MO PDIM30 BLE Solar	3000 K
919515898029	BRP710 LED45 NW 60MO PDIM30 BLE SOLAR EX	4000 K
51729500	BRP710 LED30 WW 60MO PDIM30 BLE Solar	3000 K

Operating and Electrical

Order Code	Full Product Name	Battery ampere hour	Panel voltage	Panel peak wattage	Charge controller wattage	Grid connection type
50191100	BRP710 LED45 NW MR HY FDIM50 SOLAR	30 Ah	17 Vmp, 21 Voc V	60 W	25 W	Hybrid
50192800	BRP710 LED60 NW MR HY FDIM20 SOLAR	30 Ah	17 Vmp, 21 Voc V	60 W	35 W	Hybrid
50198000	BRP710 LED45 WW MR HY FDIM50 SOLAR	30 Ah	17 Vmp, 21 Voc V	60 W	25 W	Hybrid
50199700	BRP710 LED60 WW MR HY FDIM20 SOLAR	30 Ah	17 Vmp, 21 Voc V	60 W	35 W	Hybrid
51726400	BRP710 LED30 WW 35MO PDIM30 BLE Solar	20 Ah	17 V	35 W	-	Off grid
919515898027	BRP710 LED30 NW 35MO PDIM30 BLE SOLAR EX	20 Ah	17 V	35 W	-	Off grid
50197300	BRP710 LED30 WW MR HY FDIM50 SOLAR	20 Ah	17 Vmp, 21 Voc V	35 W	17 W	Hybrid
919515898031	BRP710 LED30 NW 60MO PDIM30 BLE SOLAR EX	30 Ah	17 V	60 W	-	Off grid
36231100	BRP710 LED45 CW MR S1 12V LFP Solar	30 Ah	17 Vmp, 21 Voc V	60 W	-	Off grid
36234200	BRP710 LED45 NW MR S1 12V LFP Solar	30 Ah	17 Vmp, 21 Voc V	60 W	-	Off grid
51727100	BRP710 LED45 WW 60MO PDIM30 BLE Solar	30 Ah	17 V	60 W	-	Off grid
919515898029	BRP710 LED45 NW 60MO PDIM30 BLE SOLAR EX	30 Ah	17 V	60 W	-	Off grid
51729500	BRP710 LED30 WW 60MO PDIM30 BLE Solar	30 Ah	17 V	60 W	-	Off grid

Controls and Dimming

Order Code	Full Product Name	Configurability	Solar dimming profile
50191100	BRP710 LED45 NW MR HY FDIM50 SOLAR	Factory Configurable	5hrs 100% + 7 hrs 50%
50192800	BRP710 LED60 NW MR HY FDIM20 SOLAR	Factory Configurable	4hrs 100% + 8 hrs 20%
50198000	BRP710 LED45 WW MR HY FDIM50 SOLAR	Factory Configurable	5hrs 100% + 7 hrs 50%
50199700	BRP710 LED60 WW MR HY FDIM20 SOLAR	Factory Configurable	4hrs 100% + 8 hrs 20%
51726400	BRP710 LED30 WW 35MO PDIM30 BLE Solar	Configurable	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
919515898027	BRP710 LED30 NW 35MO PDIM30 BLE SOLAR EX	Configurable	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
50197300	BRP710 LED30 WW MR HY FDIM50 SOLAR	Factory Configurable	5hrs 100% + 7 hrs 50%
919515898031	BRP710 LED30 NW 60MO PDIM30 BLE SOLAR EX	Configurable	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
36231100	BRP710 LED45 CW MR S1 12V LFP Solar	Factory Configurable	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
36234200	BRP710 LED45 NW MR S1 12V LFP Solar	Factory Configurable	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
51727100	BRP710 LED45 WW 60MO PDIM30 BLE Solar	Configurable	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
919515898029	BRP710 LED45 NW 60MO PDIM30 BLE SOLAR EX	Configurable	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
51729500	BRP710 LED30 WW 60MO PDIM30 BLE Solar	Configurable	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)

Mechanical and Housing

Order Code	Full Product Name	Housing Color	Overall length	Overall width	Overall height
50191100	BRP710 LED45 NW MR HY FDIM50 SOLAR	RAL 7011	757 mm	511 mm	188 mm
50192800	BRP710 LED60 NW MR HY FDIM20 SOLAR	RAL 7011	757 mm	511 mm	188 mm
50198000	BRP710 LED45 WW MR HY FDIM50 SOLAR	RAL 7011	757 mm	511 mm	188 mm
50199700	BRP710 LED60 WW MR HY FDIM20 SOLAR	RAL 7011	757 mm	511 mm	188 mm
51726400	BRP710 LED30 WW 35MO PDIM30 BLE Solar	RAL 7011	684 mm	369 mm	156 mm
919515898027	BRP710 LED30 NW 35MO PDIM30 BLE SOLAR EX	RAL 7011	684 mm	369 mm	156 mm
50197300	BRP710 LED30 WW MR HY FDIM50 SOLAR	RAL 7011	684 mm	369 mm	156 mm
919515898031	BRP710 LED30 NW 60MO PDIM30 BLE SOLAR EX	RAL 7011	684 mm	369 mm	156 mm
36231100	BRP710 LED45 CW MR S1 12V LFP Solar	Gray	757 mm	511 mm	188 mm
36234200	BRP710 LED45 NW MR S1 12V LFP Solar	Gray	757 mm	511 mm	188 mm
51727100	BRP710 LED45 WW 60MO PDIM30 BLE Solar	RAL 7011	757 mm	511 mm	188 mm
919515898029	BRP710 LED45 NW 60MO PDIM30 BLE SOLAR EX	RAL 7011	757 mm	511 mm	188 mm
51729500	BRP710 LED30 WW 60MO PDIM30 BLE Solar	RAL 7011	684 mm	369 mm	156 mm

© 2026 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.