



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

- Category P roads
- Rural areas
- Parks, pedestrian path lighting
- Industries, office, schools
- Shopping centres, 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

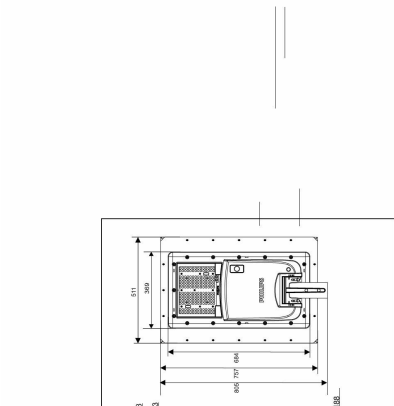


standard shot sunstay

SunStay 4500 Lumen

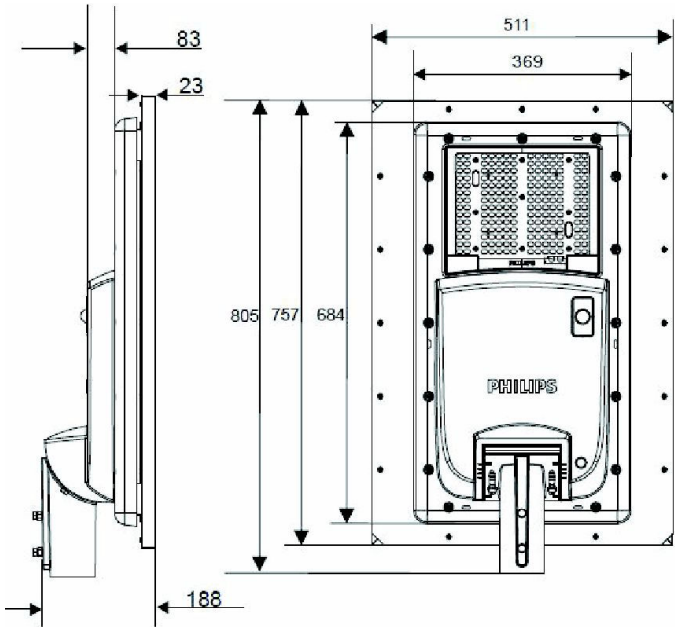
BRP710

Dimensional drawing



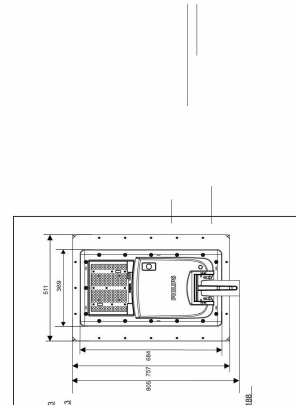
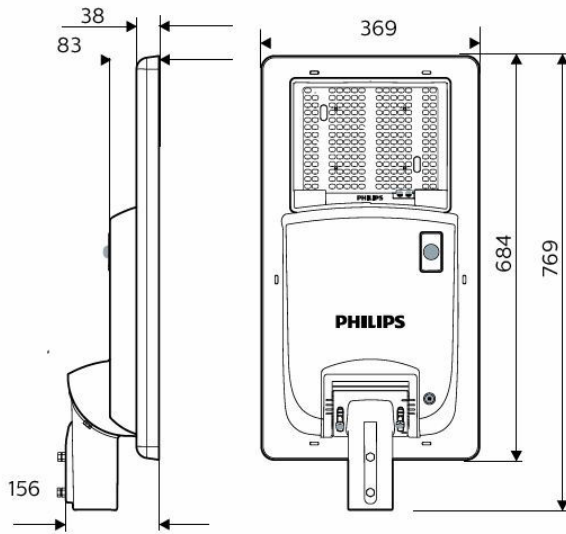
Dimension drawing Sunstay 4500

PHILIPS



BRP710 LED30 WW 60MO PDIM30 BLE Solar

Dimensions



Sunstay 4500

Sunstay dimensions

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
 Grid connection type Off grid

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)
919515812971	BRP710 LED30 WW MR 12V LFP AIO Solar	3000 K
919515812830	BRP710 LED45 CW MR S1 12V LFP Solar IN	5700 K
919515813567	BRP710 LED45 CW MR S1 12V FD30 Solar	5700 K
919515898029	BRP710 LED45 NW 60MO PDIM30 BLE SOLAR EX	4000 K
919515814304	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
919515812971	BRP710 LED30 WW MR 12V LFP AIO Solar	20 Ah	17 Vmp, 21 Voc V	35 W
919515812830	BRP710 LED45 CW MR S1 12V LFP Solar IN	30 Ah	17 Vmp, 21 Voc V	60 W
919515813567	BRP710 LED45 CW MR S1 12V FD30 Solar	30 Ah	17 Vmp, 21 Voc V	60 W
919515898029	BRP710 LED45 NW 60MO PDIM30 BLE SOLAR EX	30 Ah	17 V	60 W
919515814304	BRP710 LED30 WW 60MO PDIM30 BLE Solar	30 Ah	17 V	60 W

Controls and Dimming

Order Code	Full Product Name	Configurability	Solar dimming profile
919515812971	BRP710 LED30 WW MR 12V LFP AIO Solar	Factory Configurable	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
919515812830	BRP710 LED45 CW MR S1 12V LFP Solar IN	Factory Configurable	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
919515813567	BRP710 LED45 CW MR S1 12V FD30 Solar	Factory Configurable	5hrs 100% + 7 hrs 30%
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)
919515814304	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
919515812971	BRP710 LED30 WW MR 12V LFP AIO Solar	Gray	684 mm	369 mm	156 mm
919515812830	BRP710 LED45 CW MR S1 12V LFP Solar IN	Gray	757 mm	511 mm	188 mm
919515813567	BRP710 LED45 CW MR S1 12V FD30 Solar	Gray	757 mm	511 mm	188 mm
919515898029	BRP710 LED45 NW 60MO PDIM30 BLE SOLAR EX	RAL 7011	757 mm	511 mm	188 mm
919515814304	BRP710 LED30 WW 60MO PDIM30 BLE Solar	RAL 7011	684 mm	369 mm	156 mm

