



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

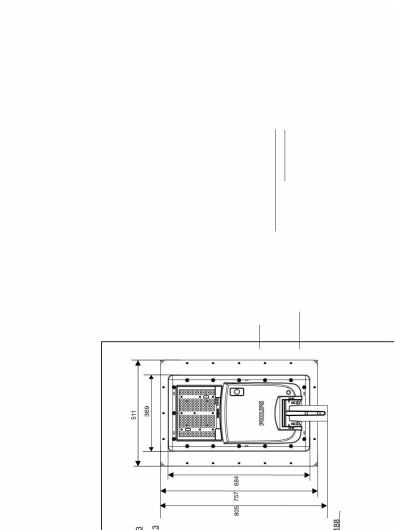
- High luminous efficacy of 175 lm/Watt to maximize battery performance
- Replaceable Lithium Ferro Phosphate battery for long life and hassle free operations.
- MPPT charge controller for maximum efficiency
- Pressure die-cast aluminum housing for sturdiness and excellent heat dissipation.
- Specially 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

Dimensional drawing



PHILIPS

SunStay Hybrid

Light Technical

Correlated Color Temperature (Nom)	5700 K
Color rendering index (CRI)	>70

Operating and Electrical

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	35 W
Cable connection kit	Included
Grid connection type	Hybrid

Controls and Dimming

Dimmable	Yes
Configurability	Factory Configurable
Solar dimming profile	4hrs 100% + 8 hrs 20%

Mechanical and Housing

Housing Color	RAL 7011
Overall length	757 mm
Overall width	511 mm
Overall height	188 mm
Battery location	Inside Luminaire
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]

Approval and Application

Ambient temperature range	0 to +35 °C
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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