



Solar street lights are raised light sources which are powered by photovoltaic panels generally mounted on the lighting structure. The photovoltaic panels charge a rechargeable battery, which powers a LED lamp during the night.

Advantages

- Solar street lights are independent of the utility grid. Hence, the operation costs are minimized.
- Solar street lights require much less maintenance compared to conventional street lights.
- Since external wires are eliminated, risk of accidents is minimized.
- This is a non polluting source of electricity
- Separate parts of solar system can be easily carried to the remote areas

Integrated System

- No wiring! No delays! No routine maintenance.
- No trenching through existing roads, sidewalks or landscaping.
- No transformers! No meters! No electric bills!

Luminary	
Power Consumption	12 W
CRI	70-82
Maximum Lumens	1300 lumens
Color	Cool White/ Warm White
Color Temperature	2700~6500 K
Working Life	60000 HRS
Body type	Aluminum Die Cast
IP rating	IP65/IP66
Warranty	2 Years
Working Operation	Automatic Dusk to Dawn Operation



PV Module		
Maximum power at STC	40 W	
Voltage at max. power	17	
Current at max. power	2.35	
Length x Width x Thickness in mm	485 x 675 x 35	
Weight	4.5 kg	
Front Face	Tempered Glass & Low iron	
Warranty	1 Years	
Battery		
Nominal Voltage	12 V DC	
Nominal Capacity	42 Ah	
Battery type	SMF	
Warranty	1 Years	
Other items	Battery Box with stand, solar panel frame, Connector, Solar street light hand Nut & Bolts	
Working Operation	Automatic Dusk to Dawn Operation	

Features :

A Cost Effective Solution for Roadway and Street Lights

Completely powered by the sun - no connection to grid power.

Maintenance Free Tubular Batteries

The finest batteries for solar applications and so safe they can be shipped fully charged

Will Light Even After Rainy Days

Systems designed for 1 to 2 days of battery back-up with no sunlight

Meets Lighting Requirements

Uses high new LED lights.

Environmentally Friendly

Solar panels reduce fossil fuel consumption, eliminating pollution.

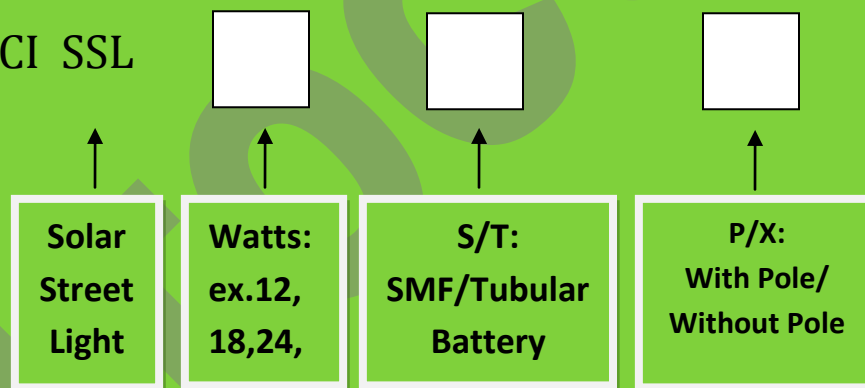
Benefits

- Immune to power outages
- Vandal resistant hardware
- No trenching, no wiring
- No maintenance
- Stand alone, not connected to grid
- Easy installation - quick connect plugs
- All inclusive lighting system

Lighting Applications

- Roadway and street lighting
- Parking lots
- Security perimeter lighting
- Remote area lighting

Model No: ACI SSL



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