

STH Series Solar Lights provide economical dawn to dusk illumination and instantly increase the safety and appeal of transit shelters. Each light comes with a dual super bright white LED light strip, diffuser lens, and a compact solar panel with our universal mounting bracket that easily retrofits most transit shelters with quick connect wires and a few screws. Delivers up to 36 hours of illumination when fully charged.

Models Available: STH-1401, STH-1501, STH-1601

- Dusk to dawn illumination
- Provides up to 36 hours of light on one charge
- Exceptional value



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GENERAL INFORMATION

Included: LED Fixture: SMD Dual (2) LED Strips, Super Bright White and Diffuser Lens, Solar Panel (Single Crystal), Mounting Brackets and quick-connect wiring.

Construction: Waterproof. Manufactured to OSHA specifications for public spaces, CE Approved.

Operation: Rechargeable Lithium Battery operated and IC Controlled regulation of solar charge with integrated photocell. Light automatically turns on at dusk and off at dawn. STH-1601 is motion activated.



WARRANTIES

SMD Dual LED Strips: 10 years

Single Crystal Module: Lifetime

Rechargeable Lithium Batteries: 5 years

IC Controller: 3 Years

**Retrofits to most shelters
Easy Install!**



SPECIFICATIONS

	STH-1401	STH-1501	STH-1601
Price	\$550	\$875	\$1,075
LED Fixture Dimensions	24"L x 10"W x 5"H	36"L x 16"W x 6"H	36"L x 16"W x 6"H
Dual LED Strips Bright White	74 Lights / 6W	108 Lights / 12W	108 Lights / 12W
Brightness @ 10'	6 Lumens*	22 Lumens*	22 Lumens*
Solar Panel Dimensions	13 1/2"L x 9"W x 3/4"H	25 1/2"L x 13 1/4"W x 1"H	25 1/2"L x 13 1/4"W x 1"H
Single Crystal Module	10W 5V 2a	32W 16V 2a	32W 16V 2a
2 Rechargeable Lithium Batteries	3.8VDC 8000mAh	12VDC 2400mAh	12VDC 2400mAh
Charging Time (in full sunlight)	4-6 Hrs.	6-8 Hrs.	6-8 Hrs.
Autonomy (reserve)	up to 36 Hrs.	up to 36 Hrs.	up to 36 Hrs.
Motion Detector Actuation	N/A	N/A	Yes

Universal Solar Powered Shelter Light adds security and retrofits any bus stop, smoking or bike shelter



STH-1401

- Integrated Charge Controller And Photocell
- High Intensity, No Maintenance LED Lights
- Compact Solar Panel With Lifetime Warranty
- Quick Charge Lithium Batteries
- Universal Roof Mounting Bracket Included
- Dusk to Dusk Operation
- CE Approved



STH-1501

- Integrated Charge Controller And Photocell
- High Intensity, No Maintenance LED Lights
- Compact Solar Panel With Lifetime Warranty
- Quick Charge Lithium Batteries
- Universal Roof Mounting Bracket Included
- Dusk to Dusk Operation
- CE Approved



STH-1601

- Integrated Charge Controller
- High Intensity, No Maintenance LED Lights
- Compact Solar Panel With Lifetime Warranty
- Quick Charge Lithium Batteries
- Universal Roof Mounting Bracket Included
- Dusk to Dusk Operation
- CE Approved
- Motion Detector On/Off Control
- Motion Detector Actuation Preserves Battery Charge
- Interior Mounted Photocell Is Impervious To Existing Overhead Ambient Light