

**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*



## 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	\$575	\$915	\$1,150
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