

Sunco

Lighting made better.

User Manual

8ft Selectable Strip Light

SKU: ST8_90SW-WH-3550K

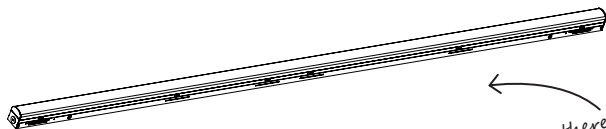


support@sunco.com
(844) 334-9938

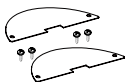


What's in the Box?

Strip Light



Let there be light!
(literally)



(A) **x2**

J-Box Cover Plate
(with Screws)



(B) **x2**

Self-tapping
Mounting Screws



(C) **x2**

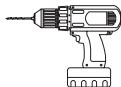
Plastic Anchors



(D) **x3**

Wire Nut

Get Your Gear (Not Included)



Drill



Screwdriver



Ladder



Wire Strippers

Before You Start

Safety Information

To reduce the risk of fire, electric shock, or physical injury:

- Turn off power before changing fixture.
- Suitable for use in damp environments at temperatures ranging from -4°F to 122°F. Not for use where directly exposed to water.
- Not intended for use with emergency fixtures.
- Not compatible with photo controls.
- Not compatible with occupancy sensors.
- Not compatible with 3rd party sensors.
- Not compatible with all dimmers. For more dimming information, please visit www.sunco.com.
- Not compatible with timing devices.
- All electrical connections must be in accordance with local and National Electric Code (N.E.C.) standards.
- Please review installation manual carefully before proceeding. Consult a qualified electrician if you are unfamiliar with proper electrical wiring connections.



WARNING:

Cancer & Reproductive Harm- www.P65Warnings.ca.gov

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

1.) This device may not cause harmful interference.

2.) This device must accept any interference that may cause undesired operation. Please review all instructions carefully prior to installation.

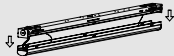
Quickstart Guide



Step 1

Install J-Box cover plate.

Press on rectangular holes and hold down.



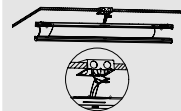
Step 2

Open luminaire by pressing sides of rectangular hole and pull down.



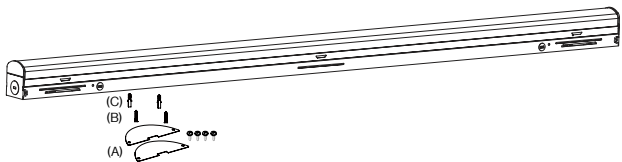
Step 3

Fix luminaire to ceiling.

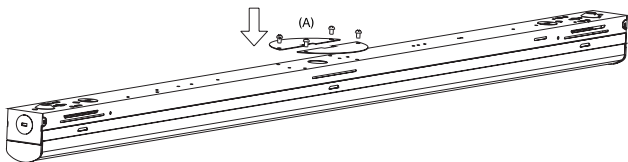


Step 4

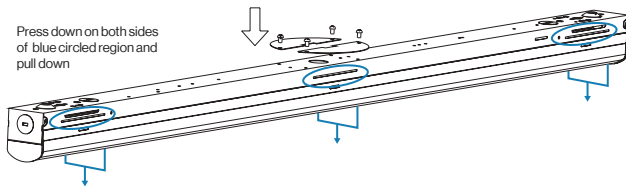
Connect supply wires, then snap luminaire into place.



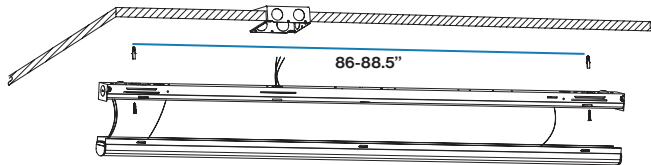
STEP 1 a. Remove components from accessory bag.



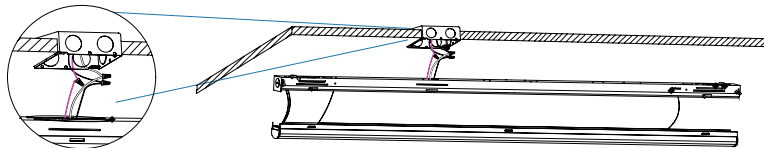
STEP 2 a. Align J-Box cover plate (A) with center of luminaire and install with cover plate screws.



- STEP 3** a. Open luminaire cover by pressing down both sides of narrow rectangular holes, then pull down.



- STEP 4** a. Align luminaire to ceiling and mark drilling holes to desired location (range at about 86-88.5").
b. Drill pilot holes, insert plastic anchors (B), then fix luminaire to ceiling using self-tapping screws (C).



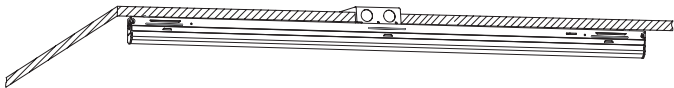
STEP 5

a. Connect light wires with supply wires:

- Black to Black (Live) • White to White (Neutral) • Green to Bare Copper (Ground)

b. Optional: To using dimming features, connect wires:

- Purple to Purple • Pink to Pink



STEP 6

a. Close the lens cover and ensure it is snapped into place.

Product Details

Recommended Dimmers

Brand	Model
LEVITON	ILLUMATECH IP710-LFZ
LUTRON	DIVADVSTV
LUTRON	Maestro MS-Z101
LUTRON	Nova T NTSTV
PHILIPS	Sunrise SR1200ZTUNV

*Scan for the full
compatible dimmer list!*



Specifications

Voltage	120V-277V	Average Lifetime	50,000 hrs
Wattage	65W/75W/90W	Lumens	8450/9750/11700lm
Beam Angle	110°	Moisture Rating	Damp Location
Weight	7.9lbs	CRI	>80
Efficacy	130lm/w	Usage	Indoor
Housing Material	Sheet Metal+Plastic Lens	Amps	0.75A
Dimmable	0-10V	Warranty	5 Years

Common Troubleshooting

We've got you covered! Our troubleshooting section is here to shed some light and provide you with easy-to-follow solutions for any problem.

If you still need some assistance, feel free to contact us. Our team of lighting experts are happy to help brighten your day.

Installation

Light isn't turning on.

Double check if fixture is properly connected and circuit breaker hasn't been tripped.

Light isn't bright enough.

Check proper wattage & for unobstructed fixture.

Dimming

Light not dimming to lowest setting.

Ensure minimum dimmer load requirement is met.

Light not dimming smoothly.

Verify dimmer compatibility with fixture.

Light not compatible with dimmer switch.

Check light-dimmer compatibility. Consider purchasing compatible switch if necessary.

Flickering

Light is flickering when turning on.

Check that fixture wiring connections are secure.

Light flickering with lights on the same circuit.

Prevent circuit overload from lights.

Light flickering when turned on.

Verify fixture compatibility and that it is grounded.

Light flickering when dimmed.

Verify dimmer switch compatibility.

Buzzing

Fixture buzzing with power outages.

Confirm secure surge protector link for light.

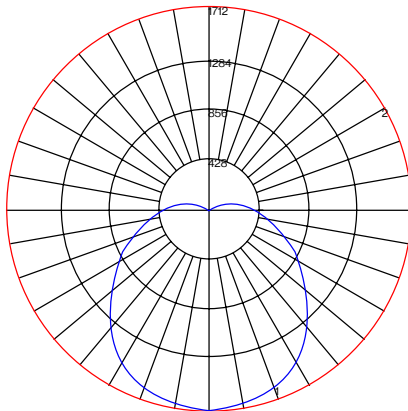
Fixture buzzing with appliances.

Look for nearby interferences that can cause buzzing. Such as televisions, radios, etc.

Fixture buzzing when dimmed.

Verify dimmer switch compatibility.

Light Distribution Angle



←
*Not a lighting nerd?
No worries, you can skip this page*

Maximum Candela = 1712.2 Located At
Horizontal Angle = 30, Vertical Angle = 1
#1-Vertical Plane Through Horizontal Angles
(30.210) (Through Max. Cd.)
#2 -Horizontal Cone Through Vertical Angle
(1) (Through Max. Cd.)

The lighting distribution angle determines how light spreads from a source and impacts its illumination. Two main types exist: symmetric and asymmetric.

Symmetric Lighting: This emits light evenly in all directions, forming a cone-shaped pattern. Great for general lighting in large areas, it's used for tasks like area illumination, security, and perimeter lighting. Also applied in up-lighting.

Asymmetric Lighting (Beam Angle): This directs light in a specific direction, reducing glare and spill. Ideal for task lighting, it's common in settings like landscapes, retail stores, and museums.

Note: Reflectors, lenses, and source to surface distance can affect the lighting distribution angle.

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