

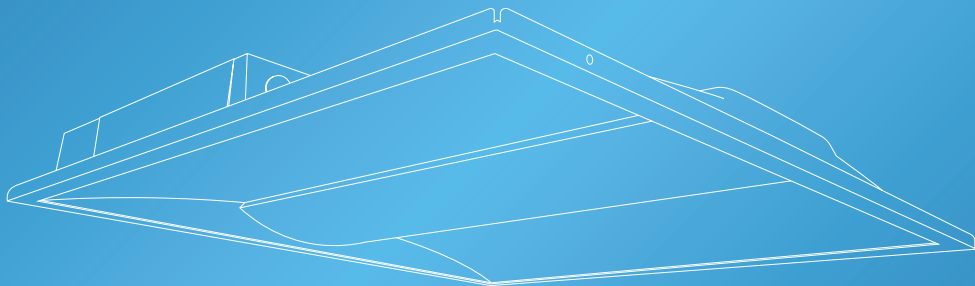
Sunco

Lighting made better.

User Manual

2x2 LED Retrofit Center Troffer

SKU: PN22_RTR_DU-WH-3550K

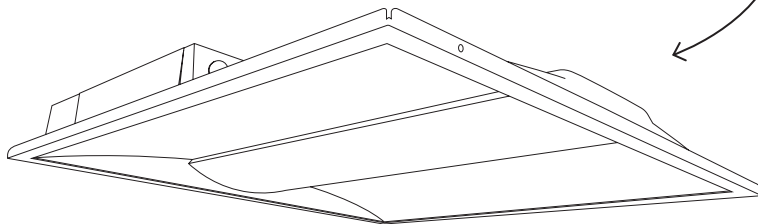


support@sunco.com
(844) 334-9938



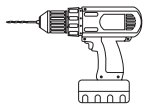
Whats in the Box?

Ceiling Panel



Let there be light!
(literally)

Get Your Gear



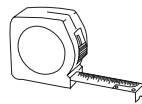
Drill



Hammer



Pliers



Tape Measure



Pencil



Phillips Screwdriver



Ladder



Leveler

Before You Start

Safety Information

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

- Turn off circuit breaker before installing this fixture.
- Suitable for use in damp environments at temperatures ranging from -4°F to 104°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 third 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

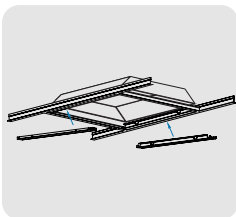
This device complies with Part 15 of the FCC rules.

Operation is subject to the following two conditions:

1.) This device may not cause harmful interference.

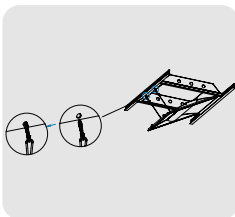
2.) This device must accept any interference that may cause undesired operation. Please review all instructions carefully prior to installation.

Quickstart Guide



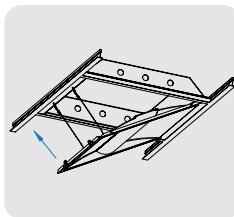
Step 1

Position side brackets between frame & "T" grid.



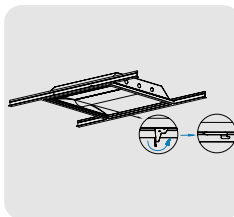
Step 2

Attach safety rope, suspend troffer body.



Step 3

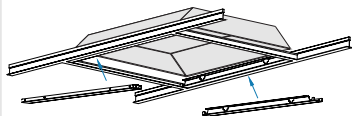
Lift, rotate, & press to bracket.



Step 4

Press for secure, audible "click."

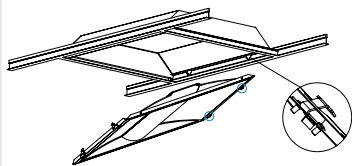
Installation Guide



STEP 1

a. Turn off circuit breaker before installation. Remove cover, fluorescent lamps, lamp-holders, ballast, & related parts from the existing frame.

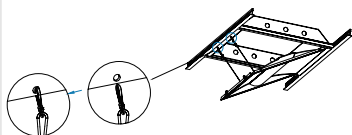
c. Insert both side-mounting brackets between the existing frame and the "T" grid.



STEP 2

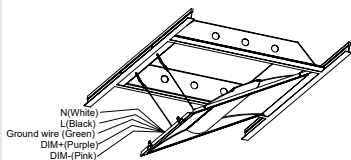
a. Attach the retrofit kit troffer body to the existing frame using the clasps on the body and the side-mounting bracket.

b. As depicted, suspend and securely hook the retrofit kit troffer body onto the side-mounting bracket.



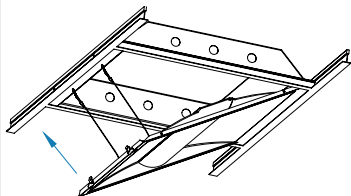
STEP 3

Secure the retrofit kit troffer safety rope to the hole on the matching side-mounting bracket, then suspend the troffer body.



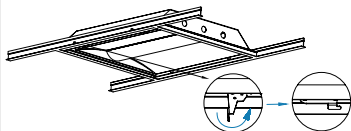
STEP 4

a. Connect power (black) and neutral (white) wires from the fixture, ground wires, & dimming wires (purple & pink) securely with wire nuts in a stable location to prevent loosening.



STEP 5

a. Lift and rotate the retrofit kit troffer body upward, pressing it against the side-mounting bracket's surface.



STEP 6

a. Press the retrofit kit troffer body to engage the secure latches until you hear a “click” sound, ensuring a tight and secure fastening.

b. Turn on circuit breaker and test light.

Product Details

Recommended Dimmers

| Brand | Model |
|---------|------------|
| LUTRON | DVSTV |
| LUTRON | NTSTV-DV |
| LUTRON | DVTV |
| LEVITON | AWSMT-7DW |
| LEVITON | DD710-BDZ |
| LEVITON | DS710-10Z |
| LEGRAND | WS4FBL3PTC |
| LEGRAND | RH4FBL3PTC |

Scan for the full
compatible dimmer list!



Specifications

| | | | |
|-------------------------|-------------------|-------------------------|---------------|
| Voltage | 120V-277V | Average Lifetime | 50000 Hours |
| Wattage | 30W/35W/40W | Lumens | Up to 5600LM |
| Power Factor | >0.9 | Temperature | -4°F to 104°F |
| Beam Angle | 120° | CRI | 80+ |
| CCT | 3500K/4000K/5000K | Efficacy | Up to 140LM/W |
| Housing Material | SPCC+PC | Usage | Indoor |
| Dimmable | 0-10V | Warranty | 7 Years |

Common Troubleshooting

Feeling in the dark about an issue with your product? No worries! 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, please feel free to contact us with any questions. 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 unexpectedly fails.

For further assistance, reach out to customer support.

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.

Common Troubleshooting

Flickering

Light is flickering when turning on.

Check that fixture wiring connections are secure.

Light flickering with other lights on the same circuit.

Check that the lights on the same circuit are not overloading the circuit.

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.

Verify light is connected to surge protector securely.

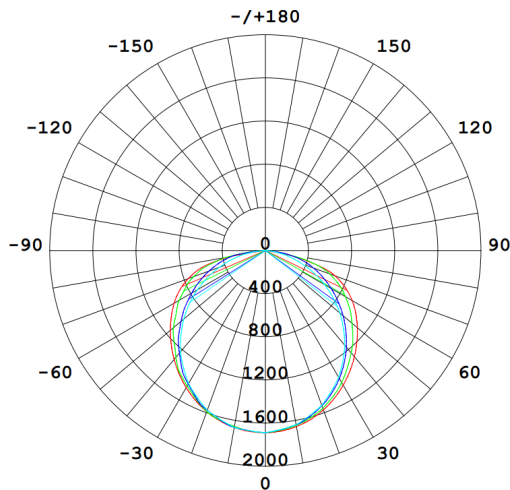
Fixture buzzing with appliances or electronic devices.

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

Fixture buzzing when dimmed.

Verify dimmer switch compatibility.

Light Distribution Angle



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

AVERAGE BEAM ANGLE (50%): 118.6 DEG

| | | |
|---|---------|--------|
| — | C0/180 | 130.6° |
| — | C30/210 | 124.3° |
| — | C60/240 | 111.8° |
| — | C90/270 | 107.8° |

UNIT:cd Luminous Intensity Distribution 1

Lighting distribution angle refers to the spread of light emitted from a light source. It is an important factor to consider when selecting a fixture or bulb, as it affects the way it will illuminate an area. There are two main types of lighting distribution angles:

A symmetric lighting distribution emits light evenly in all directions, creating a cone-shaped pattern that provides a pool of light. This type of lighting is ideal for general lighting and illuminating large areas. Common applications for symmetric lighting include general area illumination, security lighting, and perimeter lighting. Symmetric lighting is also used to a certain degree in up-lighting.

An asymmetric lighting distribution angle, also known as beam angle, creates a pattern that focuses light in a specific direction. This type of lighting is ideal for task lighting as it reduces glare and light spill in other areas. Common applications include task lighting in spaces such as landscape settings, retail stores, museums, and much more.

It is important to note that the lighting distribution angle can also be affected by other factors such as the reflector design of the light source, the type of lens used, and the distance between the light source and the surface being illuminated.

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