

Sunco 2x2 LED Retrofit Center Troffer



Sunco 2x2 LED Retrofit Center Troffer User Manual

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Sunco

Sunco 2x2 LED Retrofit Center Troffer



Product Usage Instructions

Safety Information: To reduce the risk of fire, electric shock, or physical injury, please visit www.sunco.com for detailed safety information.

Before proceeding with installation, consult a qualified electrician if you are unfamiliar with proper electrical wiring connections. Review all instructions carefully before installation.

- Position side brackets between frame & T grid.
- Attach the retrofit kit troffer body to the existing frame using clasps and suspend securely onto the side-mounting bracket.
- Secure retrofit kit troffer safety rope and suspend troffer body.
- Connect the power, neutral, ground wires, and dimming wires securely with wire nuts in a stable location. Lift and rotate the troffer body upward, pressing against the side-mounting bracket's surface. Engage secure latches until a click sound is heard.

If the light isn't turning on, double-check if the fixture is properly connected and ensure the circuit breaker hasn't been tripped.

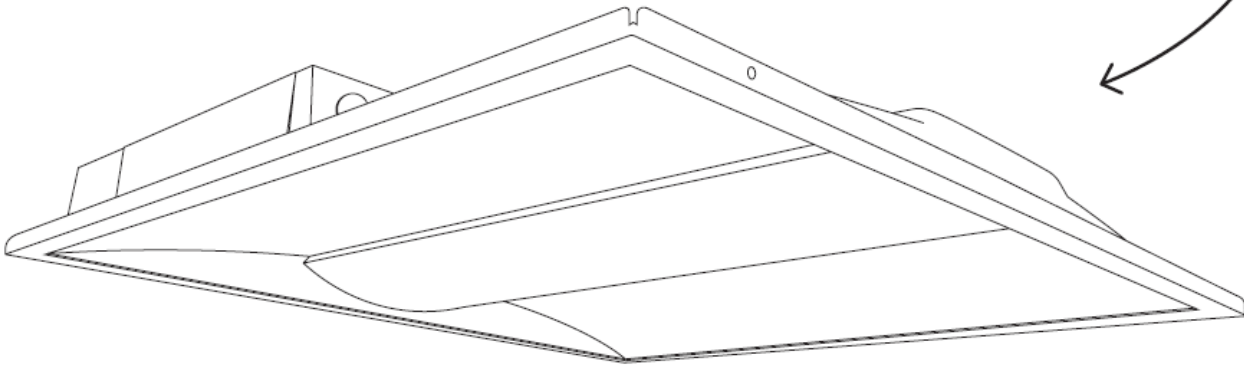
FAQ

- **Q:** What should I do if the light isn't turning on?
- **A:** Double-check if the fixture is properly connected and ensure the circuit breaker hasn't been tripped.

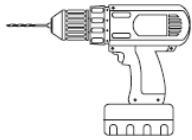
Whats in the Box?

Ceiling Panel

*Let there be light!
(literally)*



Get Your Gear



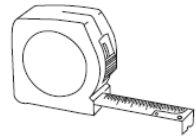
Drill



Hammer



Pliers



Tape Measure



Pencil



Philips Screwdriver



Ladder



Leveler

Before You Start

Safety Information

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

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

FCC STATEMENT

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 before installation.
- Not compatible with timing devices.
 - All electrical connections must be under local and National Electric Code (N.E.C.) standards.
 - Please review the 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

Quickstart Guide

Step 1

- Position side brackets between frame & “T” grid.

Step 2

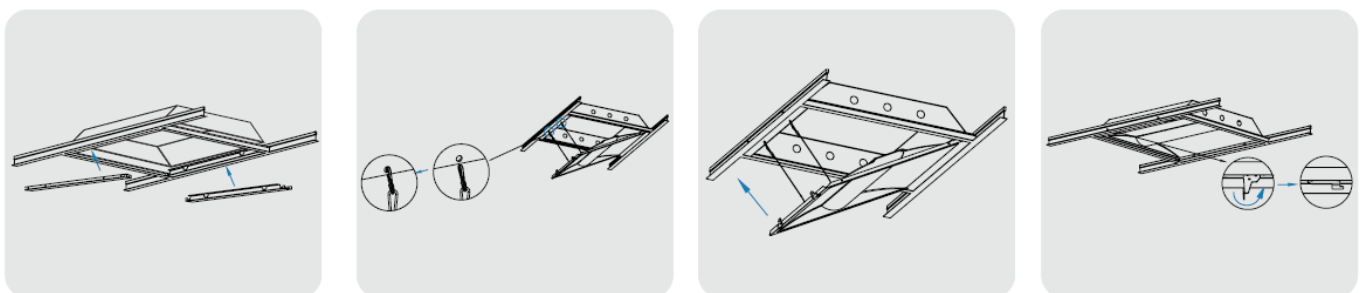
- Attach safety rope, suspend troffer body.

Step 3

- Lift, rotate, & press to bracket.

Step 4

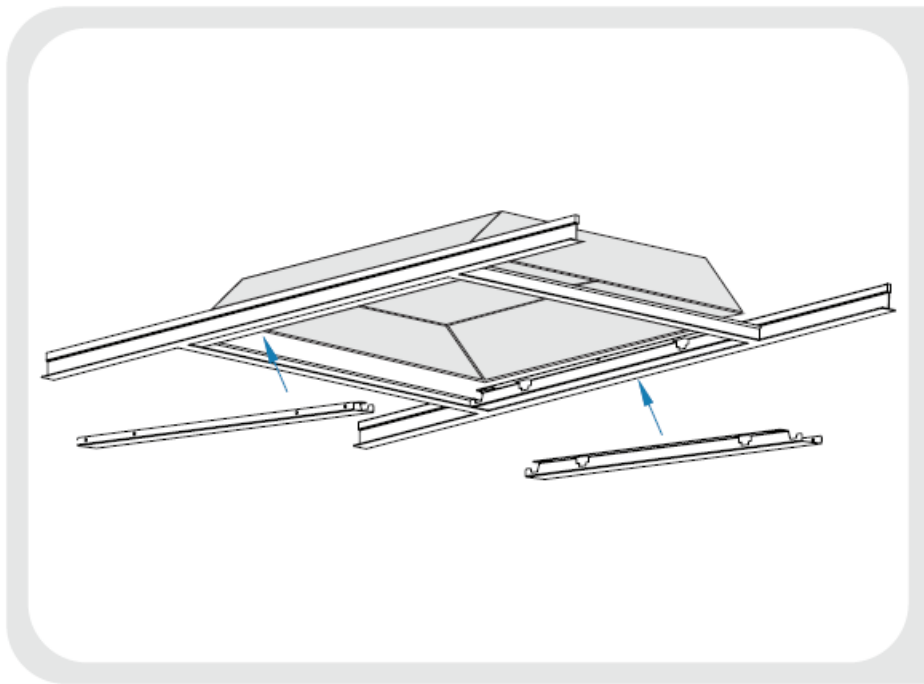
- Press for secure, audible “click.”



Installation Guide

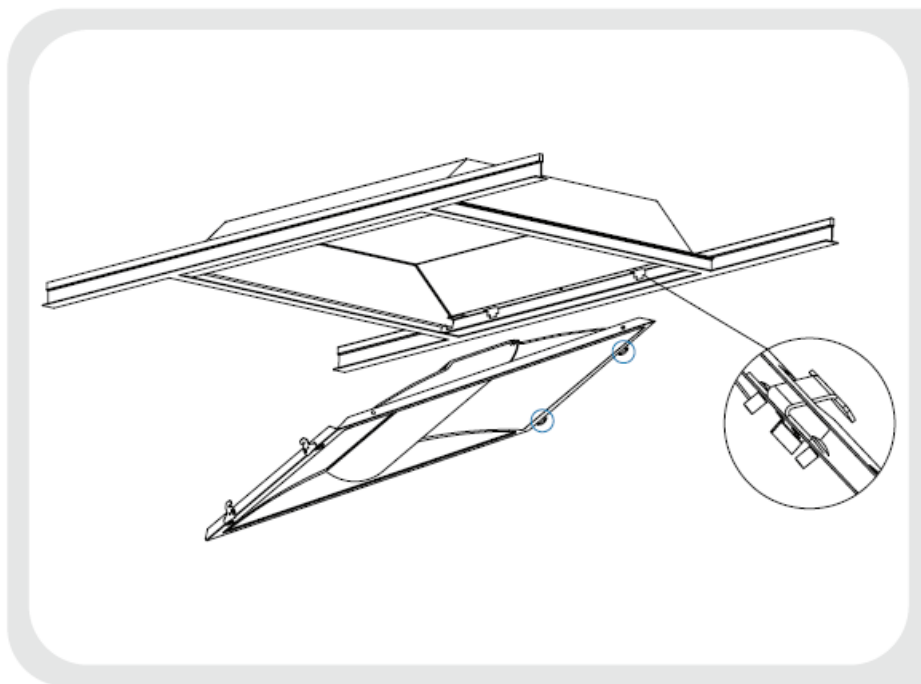
STEP 1

- Turn off the circuit breaker before installation. Remove the cover, fluorescent lamps, lamp holders, ballast, & related parts from the existing frame.
- Insert both side-mounting brackets between the existing frame and the “T” grid.



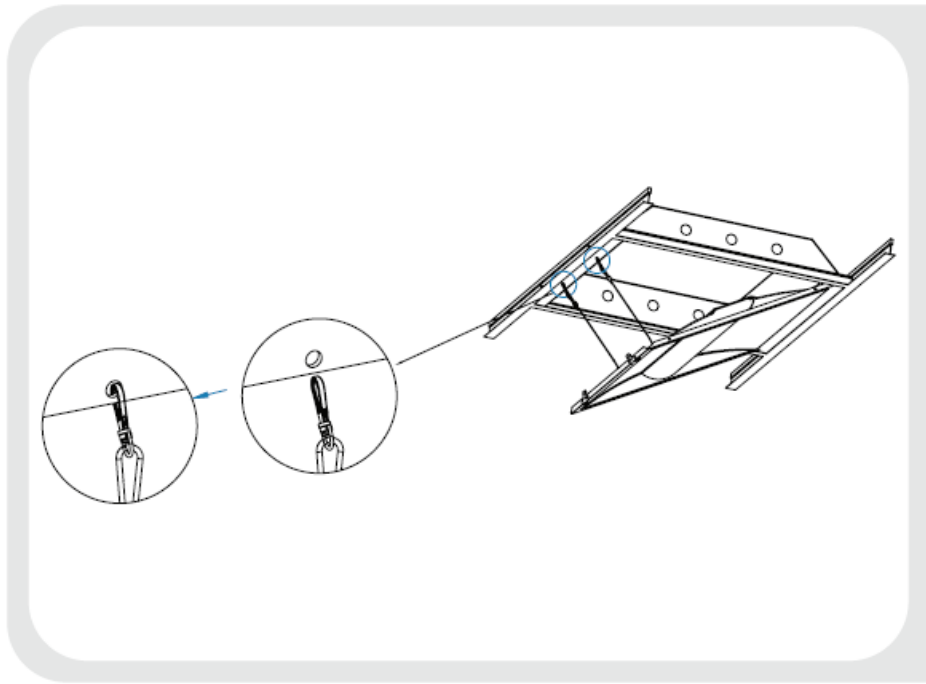
STEP 2

- Attach the retrofit kit troffer body to the existing frame using the clasps on the body and the side-mounting bracket.
- As depicted, suspend and securely hook the retrofit kit troffer body onto the side-mounting bracket.



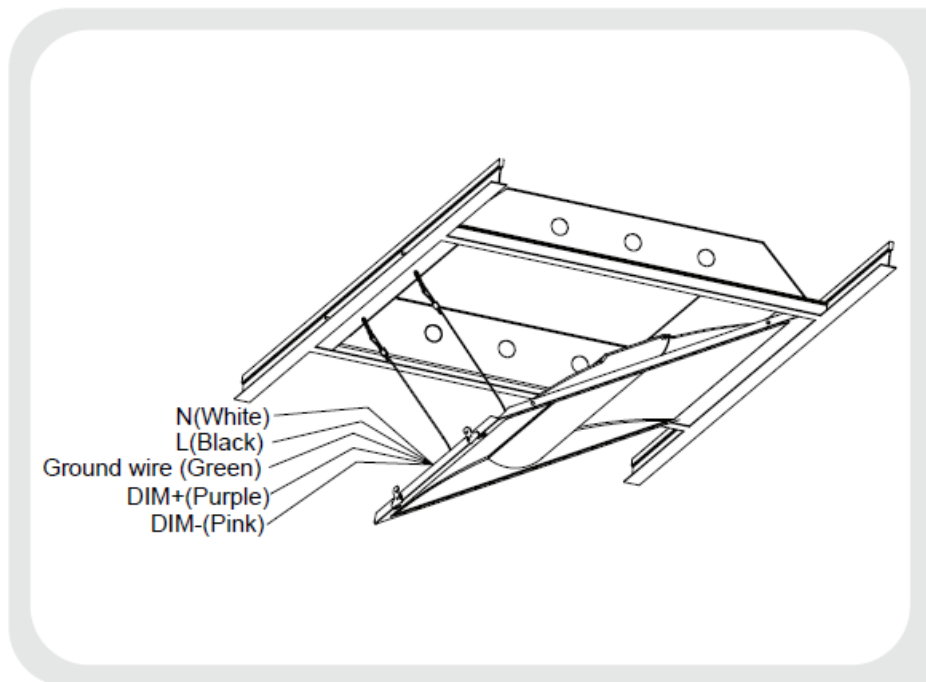
STEP 3

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



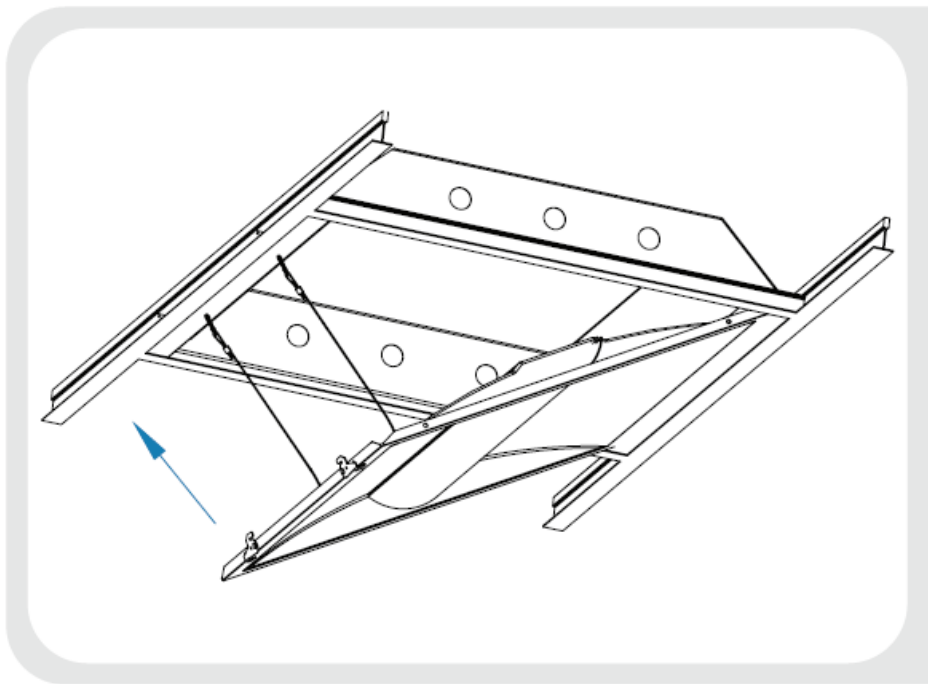
STEP 4

- 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.



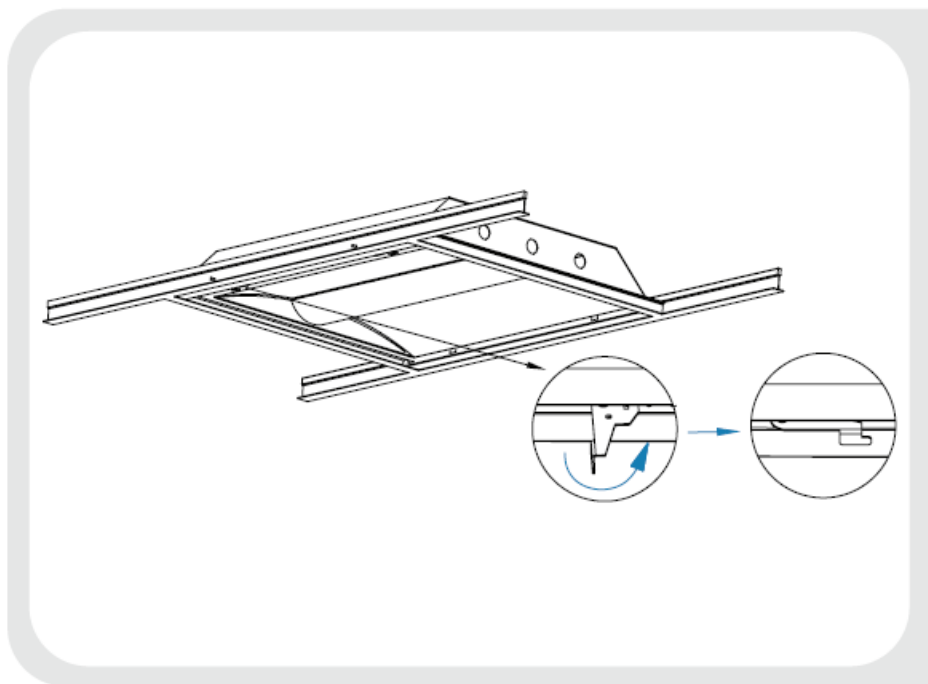
STEP 5

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



STEP 6

- Press the retrofit kit troffer body to engage the secure latches until you hear a “click” sound, ensuring a tight and secure fastening.
- Turn on the circuit breaker and test the 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 hrs
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.

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.

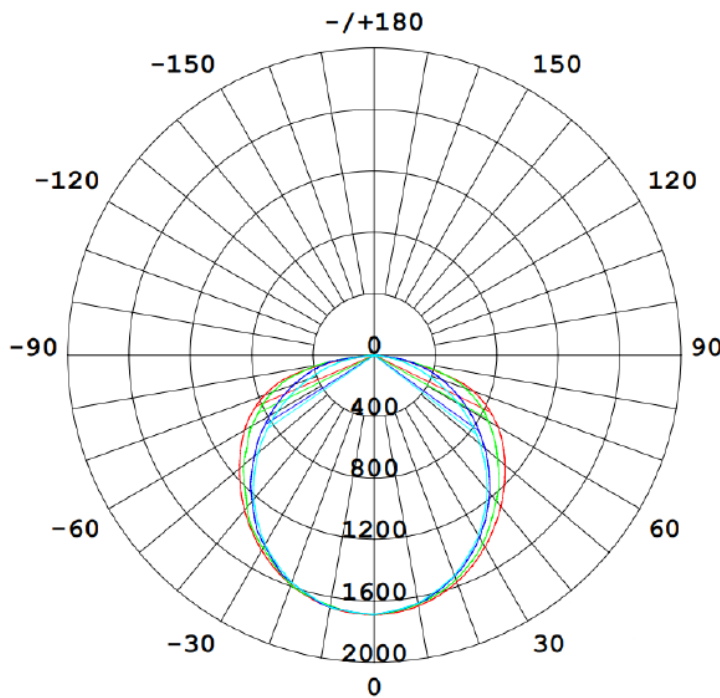
Fixture buzzing with appliances or electronic devices.

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 a 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 spills 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.

Customer Support

Warranty Policy

- This product is covered by our industry-leading 7-year warranty
- It gets even better – scan the QR code for 2 extra years of protection!



←
Scan me for two
extra years!


30-Day Return Policy

- At Sunco, we value our customers and stand by the quality and performance of our products.
- If you are not completely satisfied with your purchase, we accept returns within 30 days of your purchase date.

Customer Service

- Our Los Angeles team of lighting experts is here to assist you with all your needs! Contact us at:
 - Email: support@sunco.com.
 - Call or Text: [844-334-9938](tel:844-334-9938)
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Documents / Resources

	<p>Sunco 2x2 LED Retrofit Center Troffer [pdf] User Manual</p> <p>2x2 LED Retrofit Center Troffer, LED Retrofit Center Troffer, Retrofit Center Troffer, Center Troffer, Troffer</p>
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References

- [P65Warnings.ca.gov](https://www.p65warnings.ca.gov/)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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