

## Installation Instructions: Eco Thin-Panel LED Troffers

---



20W, 30W, 40W 2' x 2' Eco Thin Panel



35W, 50W, 75W 2' x 4' Eco Thin Panel



35W 1' x 4' Eco Thin Panel





### Key Features

- Applications: Office spaces, retail, hospitals, schools, and hotels
- Wattages: 20W, 30W, 35W, 40W, 50W & 75W
- Color temperatures: 3500K, 4000K & 5000K
- Dimmable: 0-10V or 1-10V
- No mercury, no ballast, and no UV
- Long 50,000-hour life
- UL, cUL & DLC
- Rugged, solid-state design with constant-current power supply for noise-free operation
- Instant on/off and no flickering

### Installation Notes & Precautions

- *Not compatible with triac phase-cut dimmers*
- Installation styles: Drop ceiling or cable hung
- Operating voltage range: 120-277VAC  
*CAUTION: Match circuit voltage to rated voltage range.*
- Operating temperature range: -4 to 122 °F
- This light source is not intended as an emergency exit fixture or light.
- *All work should be performed by a qualified electrician or installer according to all applicable codes and regulations.*
- To order replacement parts, please visit [www.rvlti.com](http://www.rvlti.com).

## Warnings

-  **Risk of fire or electric shock. Do not alter, relocate, or remove wiring, or any other electrical component. If necessary, contact a qualified electrician for assistance.**
-  **Always disconnect power for your safety when performing the luminaire modification steps below! In some cases, it may be necessary to test the power feed with the power connected. Only connect the power when doing the testing, then disconnect the power from the luminaire when performing the steps below.**
-  **Always follow local and regional NEMA Electrical codes. NEMA codes provide information on proper procedures, safety guidelines, proper tools, connection methods, and specifications on materials.**
-  **Revolution Lighting Technologies, Inc. cannot and will not be liable for any modifications or results of modifications to electrical devices or luminaires. These instructions are provided as a reference. By using the included instructions, you are solely responsible for following all applicable electrical safety procedures, codes, methods, and materials. If you are unsure about any electrical modification or installation, please consult a licensed electrician or electrical contractor in your area.**

## Contents:

Carefully open the box and check contents. Contact Revolution Lighting if any items are missing.		
Qty. 1	<b>DIMMABLE ECO THIN-PANEL LED TROFFER</b> [SKU #: (as ordered)]	Dimmable Eco Thin-Panel LED Troffer with cable-hanging hardware (4 cables for 2' x 2' and 6 cables for 1' x 4' & 2' x 4')
Qty. 1	<b>DIMMABLE ECO THIN-PANEL LED TROFFER</b> <b>INSTALLATION INSTRUCTIONS</b> (SKU #: 300553   v03)	Provides information necessary to install your new Dimmable Eco Thin-Panel LED Troffer.

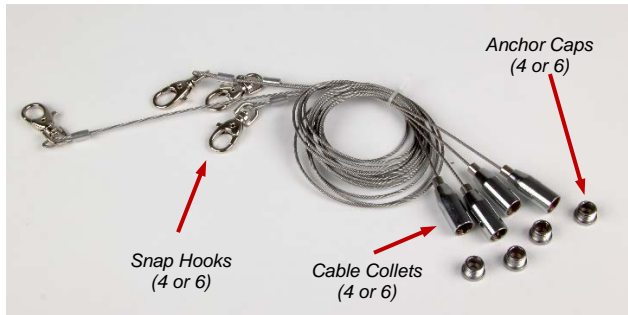
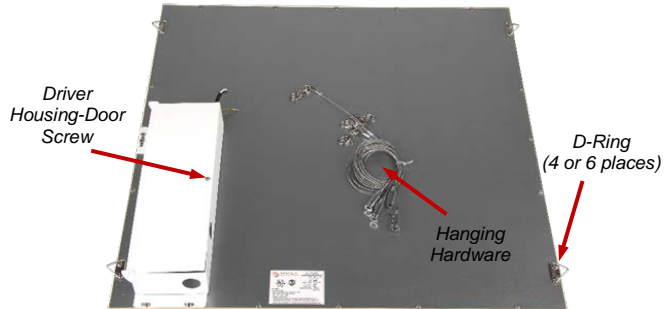
## Eco Thin Panel Installation Instructions

**STEP 1**



- Disconnect power to installation site.  
*WARNING: Ensure that all power is off using a voltmeter or other method.*

## STEP 2



Remove existing fixture, if applicable, and dispose of it according to job/company site rules and regulations.

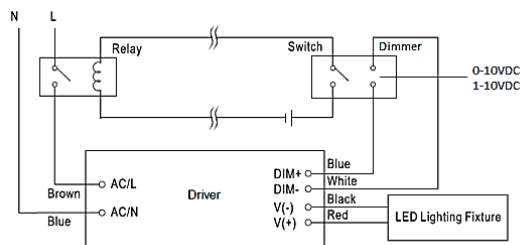
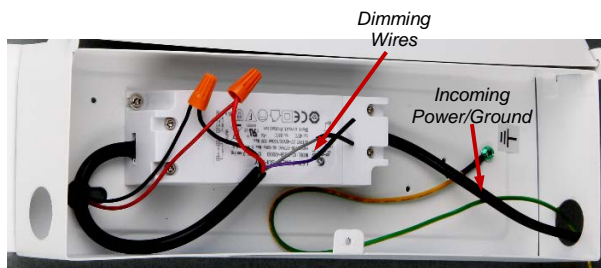
### Drop-Ceiling Install

- Securely lay the troffer into the appropriate T-bar opening of drop ceiling.
- or safety, secure troffer by running drop-ceiling wire (not included) through two D-rings near opposite corners of the troffer and tying the wire ends to a strong anchor point above the drop ceiling.

### Cable-Hang Install

- Unscrew threaded anchor caps from all four or six cable collets and mount the caps securely to ceiling or joists using appropriate anchors or lag screws (not supplied).  
NOTE: Use all hanging cables provided (4 or 6).
- Carefully measure off equal cable lengths from the snap hook so that the troffer will hang level at the desired height. Mark each cable with a pen, if necessary, when the desired length is reached.
- Depress the cable-grab on each collet to release the cable and pull the excess cable length through the collet until the desired length is reached.
- Using wire cutters, cut the excess cable flush with the threaded collet end.
- Screw the cable collets back onto the mounted anchor caps and attach the snap hooks onto the troffer D-rings to hang the fixture.

## STEP 3



- Using a Phillips screwdriver, remove driver housing-door screw to access LED driver and wiring.
- Using appropriate wire nuts, splice the stripped hot (black), neutral (white), and ground (green-yellow) wires of the LED driver to the corresponding incoming power leads.  
**CAUTION: Wire colors can vary, depending on code and circumstances. Make sure that hot, neutral, and ground wires are correctly identified.**
- OPTIONAL:** To activate the 0-10V or 1-10V dimming function, splice purple (+) and gray (-) wires from driver to the corresponding dimming-control wires.  
**NOTE: 0-10VDC wire colors can vary. Common colors include blue (+) and white (-), brown (+) and yellow (-), or purple (+) and gray (-).**
- Refer to example wiring diagram for correct wiring.
- Bundle and secure any loose wires and re-secure driver housing door.

**STEP 4**



- Switch power back on.