

## Installation Instructions: ABS Single-Barrel Troffer

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2' x 2' ABS Single-Barrel Troffer

### Key Features

- Lightweight ABS plastic housing
- T-Grid Mounting
- Interior luminaire applications
- No mercury or UV
- 50,000-hour rated lifetime
- UL, cUL, DLC, RoHS, IC-rated
- Instant on/off

### Installation Notes & Precautions

- *Read all precautions, warnings, instructions contained in this document.*
- These instructions apply to both 2' x 2' and 2' x 4' troffers.
- Installation should be performed by a qualified electrician or installer.
- Operating voltages: 120VAC to 277VAC
- This light source is not intended as an emergency exit fixture or light.
- Operating temperature range: -4 °F to 113

### Warnings



**WARNING** – 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.



**WARNING** – 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.



**WARNING** – 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.



**WARNING** – 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	2' x 2' or 2' x 4' ABS Single-Barrel LED Troffer [SKU #: (as ordered)]	2' x 2' or 2' x 4' ABS Single-Barrel LED Troffer

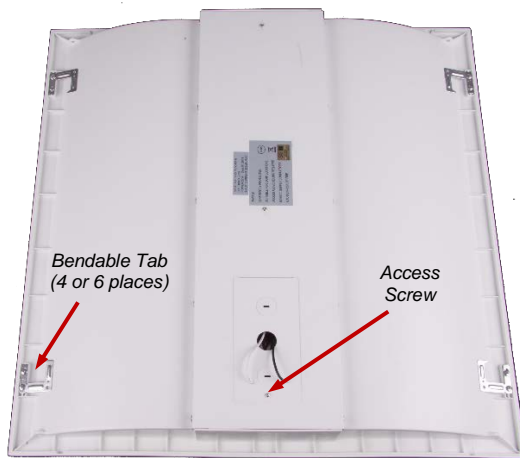
## ABS Single-Barrel Troffer Installation Instructions

### STEP 1



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

### STEP 2



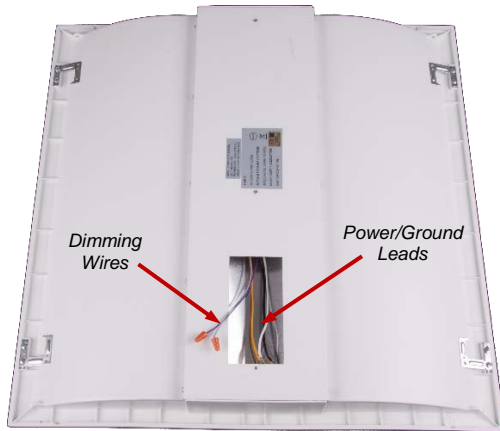
2' x 2' ABS Troffer, Wiring  
Compartment Covered



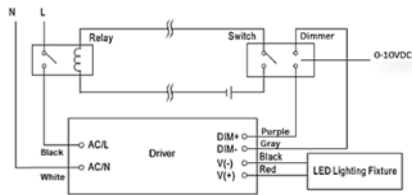
Optional Safety/Hanging  
Cable Kit (SKU: 15000H-501)

- Remove the existing fixture, if applicable, and dispose of the fixture and lamps per job/company site rules and regulations.
- Recessed: T-Bar Grid Install**
- Securely lay the troffer into the appropriate T-bar opening of drop ceiling.
  - For safety, secure troffer with safety cable (not included) using at least two of the Bendable Tabs near opposite corners of the troffer, and tie off the cable to a strong anchor point above the drop ceiling. NOTE: Safety cable can be ordered from Revolution Lighting as an optional accessory (see image).
- Suspended: Cable-Hung Install**
- For cable-hanging installations, Safety/Hanging Cable Kits can be ordered from Revolution Lighting as an optional accessory (see image).
  - To hang the troffer, follow instructions included with optional cable-hanging kit.
- Using a Phillips screwdriver, remove the Access Screw and remove the plate covering the wiring compartment of the LED driver box.

### STEP 3



2' x 2' ABS Troffer, Wiring  
Compartment Open



- 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 DIMMING:** To activate 0-10V dimming, 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 (-).*
- Bundle and secure any loose wires and re-secure plate over the wiring compartment.

### STEP 4



- Switch power back on.