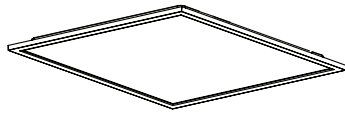


# INSTRUCTIONS

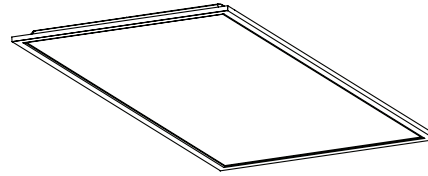
## T34® PANEL 2X2, 2X4 INSTALLATION

# RAB®

RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: marketing@rablighting.com



T34 2X2



T34 2X4

### IMPORTANT

#### READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

RAB fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

**WARNING: Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.**

### SAFETY INSTRUCTIONS

**WARNING:** Risk of fire or electric shock. Suitable for damp locations.

**WARNING:** Suitable for 9/16" or 15/16" Flat Tee Grid in both insulated ceilings and non-insulated ceilings. Access above ceiling required.

**WARNING:** Do not handle energized fixture when hands are wet, when standing on wet or damp surfaces, or in water.

**WARNING:** Vapor barrier must be suitable for 90° C.

**WARNING:** Fixture to be independently supported to building structure.

### RECESSED CEILING MOUNTING

The fixture is suitable only for INDOOR RECESSED CEILING application. Above ceiling access required.

To mount in an insulated or non-insulated ceiling - 9/16" or 15/16" exposed Flat Tee Grid Ceiling follow the steps below.

1. Firmly bend the pre-installed **Grid Clips** (*up and out as shown in Fig. 1*).
2. Rotate and slide the **Fixture** as required to fit through the **Tee-Grid Bar** and place it as indicated by the directional arrow as shown in Fig. 2. Secure the **Fixture** to the **Tee-Grid Bar**.
3. Support wires are required by installation codes. Support the **Fixture** to the building structure with **Support Wires** (*supplied by others*) through the **Grid Clip Hole** as shown in Fig. 3.
4. Make sure that the orientation of the **Splice Box** and **Access Plate** faces an accessible tile to make electrical splices.
5. Loosen **Access Plate Screw** and remove the **Access Plate**. Knock out appropriate **Conduit Knockouts** on the **Access Plate** to route input conduit. Use appropriate conduit connectors as required by code (*Fig. 4*).
6. Connect wires as shown in wiring diagram (*Fig. 5*). Push all wires back into the **Splice Box**. Use appropriate UL-approved wire connectors as required by code to complete wiring. Be careful not to pinch wires. **WARNING: To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.**
7. Replace **Access Plate** and tighten **Access Plate Screw**.

Fig. 1

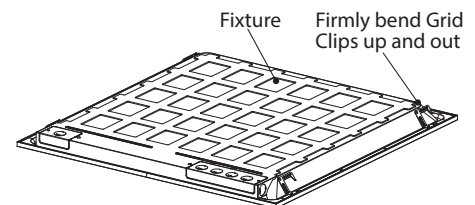


Fig. 2

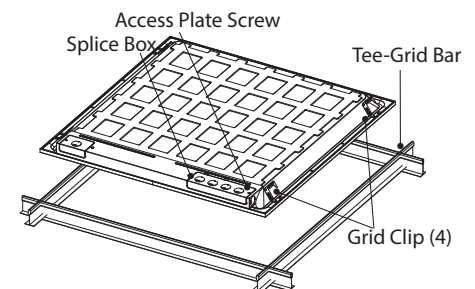


Fig. 3

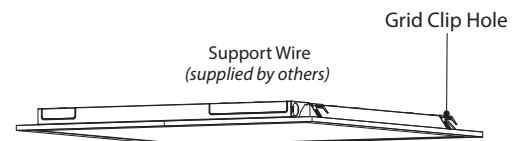
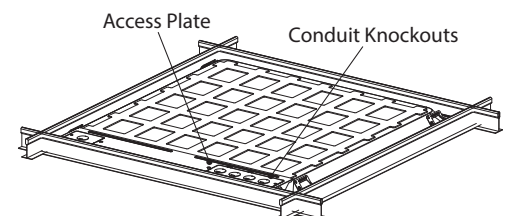


Fig. 4



# INSTRUCTIONS

## T34® BACKLIT TROFFER 2X2, 2X4 INSTALLATION



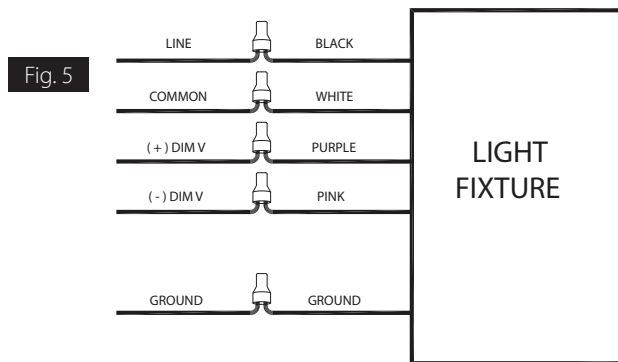
RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: [marketing@rablighting.com](mailto:marketing@rablighting.com)

### 0-10V DIMMABLE WIRING

Universal voltage driver permits operation at 120V through 277V, 50 or 60Hz. For 0-10V dimming follow the wiring directions as shown in Fig. 5.

1. Connect the **black** fixture lead to the **LINE** supply lead.
2. Connect the **white** fixture lead to the **COMMON** supply lead.
3. Connect the **GROUND** wire from fixture to supply ground.
4. Connect the **purple** fixture lead to the **(V+) DIM lead**.
5. Connect the **pink** fixture lead to the **(V-) DIM lead**.

*NOTE: Do not connect DIM V+ (purple)/ DIM V- (pink) to line voltage or supply ground.*



### TROUBLESHOOTING

1. Check that the line voltage at fixture is correct. Refer to wiring directions.
2. Is the fixture grounded properly?

### CLEANING & MAINTENANCE

**CAUTION:** Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.

1. Clean frosted polystyrene lens & fixture with non-abrasive cleaning solution.
2. Do not open fixture to clean the LEDs. Do not touch the LEDs.

*Note: These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation, operation or maintenance.*



© 2023 RAB LIGHTING Inc.

#### Easy Answers

[rablighting.com](http://rablighting.com)  
Visit our website for product info

**Tech Help Line**  
Call our experts: 888 722-1000

**e-mail**  
Answered promptly - [sales@rablighting.com](mailto:sales@rablighting.com)

**Free Lighting Layouts**  
Answered online or by request