

## Ivalo Finiré 3" LED Recessed Lighting Alternate Installation Details

---

### Model Numbers:\*

FDT3RI	FDT3SI	FDT3RN	FDT3SN
FAT3RI	FAT3SI	FAT3RN	FAT3SN
FDZ3RI	FDZ3SI	FDZ3RN	FDZ3SN
FAZ3RI	FAZ3SI	FAZ3RN	FAZ3SN

### Overview

This document summarizes information concerning:

- How to successfully mount the Finiré 3" fixture in wood/stone trimless applications.
- Light output based on ceiling thickness.
- How to successfully mount the Finiré 3" fixture in ceiling tile.
- How to successfully mount the Finiré 3" in sloped ceilings.

This document is meant to be used in conjunction with the Ivalo Finiré 3" LED Recessed Lighting Installation Instructions (P/N 367-2578).

### Wood/Stone Trimless Installation

1. Follow Steps 1, 2 and 3 in the standard installation instructions for physical mounting and wiring of the housing (P/N 367-2578 on [www.lutron.com](http://www.lutron.com)).
2. Detach the collar from the housing by unscrewing the locking screws using an Allen key. Use the collar to mark the proper size hole in the ceiling material. Re-attach the collar to the housing when finished marking the ceiling. Using your preferred cutting method, cut a smooth hole in the ceiling material. See Figure 1 below.
3. Adjust the collar until the bottom edge is flush with the ceiling material. Tighten the locking screws using an Allen key to secure the collar in place. See Figure 2 below.
4. Follow Steps 6 thru 10 in the standard installation instructions (P/N 367-2578 on [www.lutron.com](http://www.lutron.com)) to complete the installation of the fixture.

Figure 1: Collar Close-up

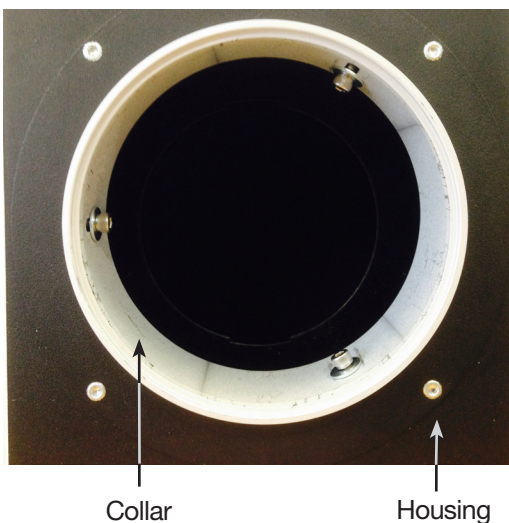


Figure 2: Collar and Locking Screws



\* Only the first 6 digits of each model numbers are shown.

## Light Output Based on Ceiling Thickness

Standard ceiling thickness is 1/2 – 5/8 in (13 – 16 mm). For thicker ceilings, it is important to understand the difference in light output. In the following table, the percent of total light output based on ceiling thickness is being shown for the different reflector options. Other light losses due to color or lens material would still apply as well.

Ceiling Thickness in (mm)	% of Total Light Output			
	15° Reflector	28° Reflector	40° Reflector	60° Reflector
1 (25 mm)	82%	82%	88%	82%
1.5 (38 mm)	68%	66%	73%	59%
2 (51 mm)	60%	54%	65%	46%

## T-Bar Ceiling Tile Installations: Tegular and Offset Type Tiles

1. Measure the top of the T-bar to the base of the ceiling tile. See Figure 3.
2. If between 1 – 1 1/8 in (25 – 29 mm) go to step 3, if > 1 1/8 in (29 mm) proceed to step 4.
3. If between 1 – 1 1/8 in (25 – 29 mm), mount the hanger bars to the top of the T-Bar using the T-Bar groove in the hanger bar.
4. If > 1 1/8 in (29 mm):
  - a. Option 1: Order trims with thick ceiling option
    - i. Thick ceiling trims can be ordered so that the hanger bars can be set on top of the T-bar.
    - ii. With fixture installed on the T-bar using the T-Bar mounting groove, measure the distance from the bottom of the housing to the bottom of the ceiling tile. This is the “ceiling thickness” that will be specified.
  - b. Option 2: Screw-in Installation
    - i. Position the housing base so that the distance from the housing base to the bottom of the ceiling tile is between 1/2 – 5/8 in (13 – 16 mm).
    - ii. Use screws (provided by others) to secure the hanger bars to the T-Bar using the mounting holes in the hanger bars. See Figure 4.

Figure 3: T-Bar Measurement

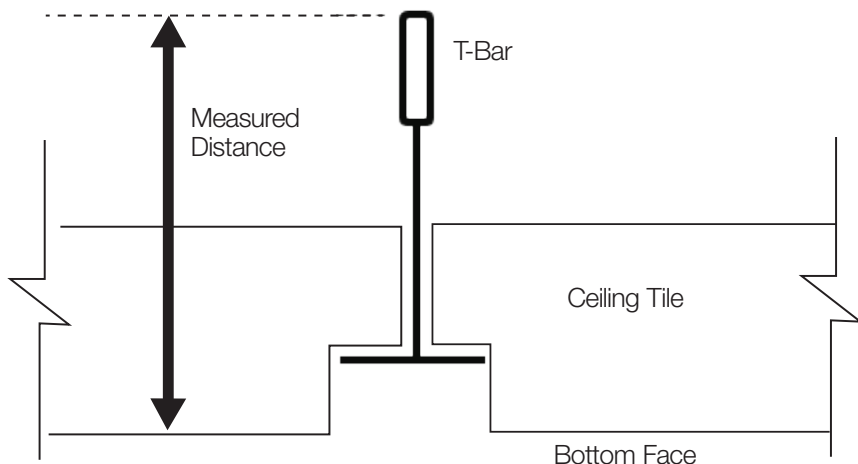
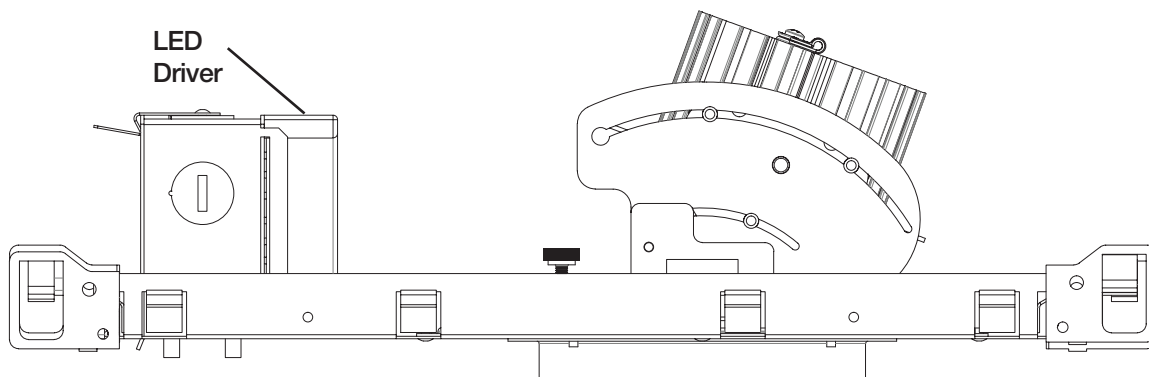


Figure 4: Screw mounting example



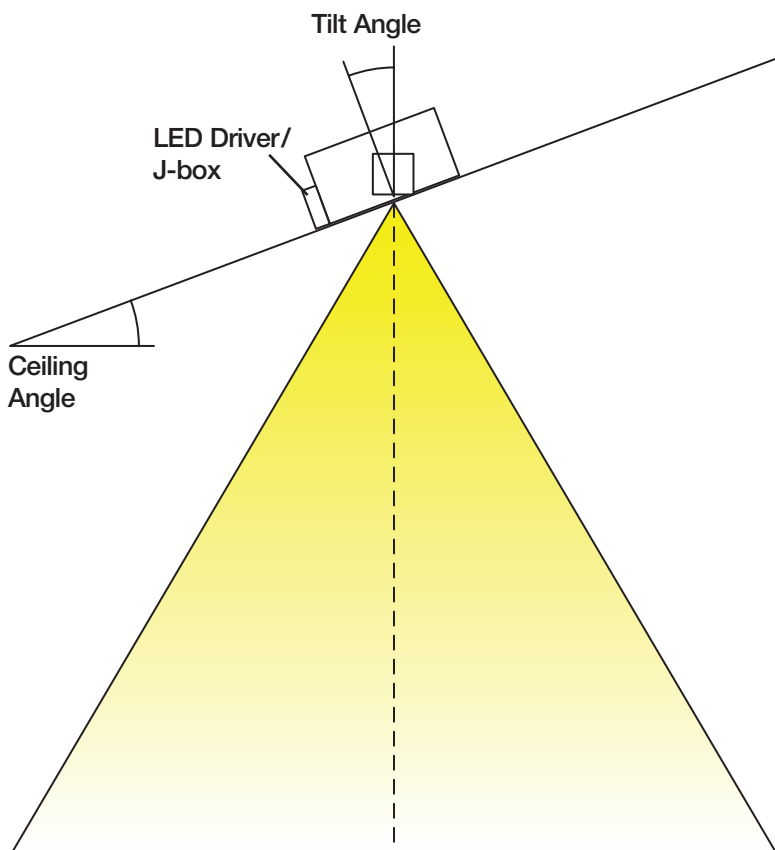
## Sloped Ceiling Installation

When installing the Finiré 3" fixture in a sloped ceiling, the LED driver side of the housing must be on the lower side of the fixture (down the slope) in order to help minimize the heat surrounding the LED driver.



**Note:** Housing cover removed for visual clarity

If the objective is to use an adjustable fixture on a sloped ceiling to create a downlight, the adjustable mechanism in the fixture should be tilted to match the slope of the ceiling. For example, in the diagram below, the tilt angle of the adjustable mechanism in the fixture should match the ceiling angle.



## Warranty

For warranty information, please see Ivalo Lighting Fixtures Warranty at:  
[www.lutron.com/TechnicalDocumentLibrary/3683454.pdf](http://www.lutron.com/TechnicalDocumentLibrary/3683454.pdf)

☀Lutron, Lutron, IVALO, IVALO Lighting (registered in the U.S. only) and Finiré are trademarks of Lutron Electronics Co., Inc., registered in the U.S. and other countries.

©2015–2017 Lutron Electronics Co., Inc.

---

### Lutron Contact Numbers

#### WORLD HEADQUARTERS

**USA**  
Lutron Electronics Co., Inc.  
7200 Suter Road  
Coopersburg, PA 18036-1299  
TEL: +1.610.282.3800  
FAX: +1.610.282.1243  
support@lutron.com

#### EUROPEAN HEADQUARTERS

**United Kingdom**  
Lutron EA Ltd.  
6 Sovereign Close  
London, E1W 3JF United Kingdom  
TEL: +44.(0)20.7702.0657  
FAX: +44.(0)20.7480.6899  
FREEPHONE (UK): 0800.282.107  
Technical Support: +44.(0)20.7680.4481  
lutronlondon@lutron.com

#### ASIAN HEADQUARTERS

**Singapore**  
Lutron GL Ltd.  
390 Havelock Road  
#07-04 King's Centre  
Singapore 169662  
TEL: +65.6220.4666  
FAX: +65.6220.4333  
Technical Support: 800.120.4491  
lutronsea@lutron.com

#### North & South America

**Customer Assistance**  
**USA, Canada, Caribbean:**  
1.844.LUTRON1 (1.844.588.7661)  
**Mexico:**  
+1.888.235.2910  
**Central/South America:**  
+1.610.282.6701

#### Asia Technical Hotlines

Northern China: 10.800.712.1536  
Southern China: 10.800.120.1536  
Hong Kong: 800.901.849  
Indonesia: 001.803.011.3994  
Japan: +81.3.5575.8411  
Macau: 0800.401  
Taiwan: 00.801.137.737  
Thailand: 001.800.120.665853  
Other Countries: +65.6220.4666