

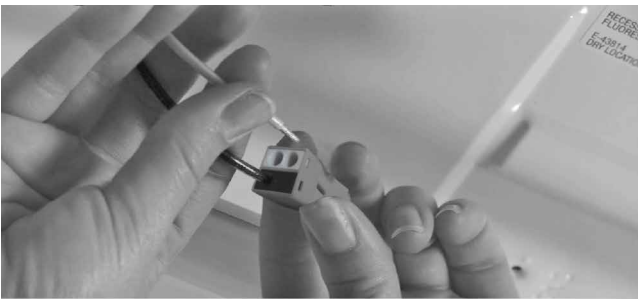
### STEP 7

Secure with two of the self-tapping screws diagonally, in opposite corners.



### STEP 8

Attach the male disconnect to the incoming electrical line.



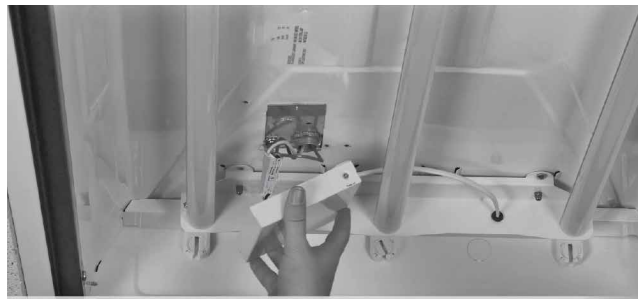
### STEP 9

Connect both ends of the disconnects securely. Make sure the wires are tucked behind the LED Tubes.



### STEP 10

Cover disconnects, wires, and the electrical connection with the provided, magnetic junction box cover.



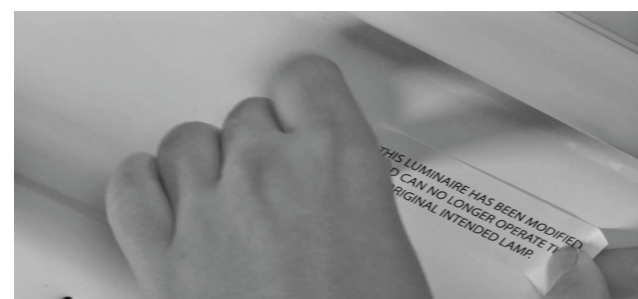
### STEP 11

Secure with the remaining two small self-tapping screws.



### STEP 12

Apply the included labels to the fixture.



### STEP 13

Close the cover, restore the power and enjoy your new LED light.



# **LITETRONICS®**

## ***LED RetroFit***

### ***Installation Instructions***

### ***120V Dimmable***

For Series:

2'x4', 3-Lamp, Dimming: RF50AQT4XXD  
2'x4', 2-Lamp, Dimming: RF39AQT4XXD  
2'x2', 3-Lamp, Dimming: RF32AQT2XXD  
1'x4', 2-Lamp, Dimming: RF32AQT1XXD

**CRITICAL SAFETY INSTRUCTIONS:**

Installation should only be conducted by a qualified electrician in accordance with NEC and any relevant local codes.

**LED RETROFIT WARNINGS:**

- Risk of fire or electric shock. LED retrofit kit installation requires knowledge of Luminares electrical system. If not qualified, do not attempt installation. Contact a qualified electrician.
- Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components.
- This LED Retrofit Kit and Junction Box Cover shall only be installed into a UL/CUL Listed Luminaire with a steel enclosure. DO NOT INSTALL THIS RETROFIT KIT INTO LUMINAIRES WITH NON-FERROUS METAL OR POLYMERIC ENCLOSURES
- Risk of fire or electric shock. Install this kit only in luminaries that have the construction features and dimensions shown in photograph and/or drawings.
- Do not make or alter any open holes in the enclosure of wiring or electrical components during kit installation.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- For use with compatible 120V dimmers available online at: [Litetronics.com/dimmers](http://Litetronics.com/dimmers)

Litetronics is continually expanding the compatibly list however, if the dimmer you have is not on the compatible list please call Litetronics at 800-860-3392 to see if Litetronics can setup a test with your dimmer.

**LUMINAIRE DISCONNECT SAFETY INSTRUCTIONS:**

- WARNING - This is a current rated device. Use in applications involving amperage beyond its rating can be dangerous and cause electrical fires. See note on this page for allowable current and voltage

levels and do not exceed those levels.

- DANGER - NEVER remove wires from product as contact with electricity can cause serious injury or death. Shut off power at the circuit breaker or remove fuse when installing this product.
- SAFETY NOTICE - Improperly installed electrical wiring can be dangerous and cause electrical fires. This product must be used in accordance with the current rating and wire sizes listed. Consult local building code before doing any electrical work.
- COPPER to COPPER ONLY. Do not use on Aluminum. Temperature rating: 105° C (221° F) maximum. Flame Rated UL94V-0.

This product is intended for use in a UL/C-UL listed Fluorescent Recessed or surface-mounted luminaire, Type IC or Non-IC, with the dimensions specified:  
**2'x2': Part Numbers RF32AQT2XXD: (2ft x 2ft) or larger with a diffuser or lens.**  
**2x4': Part Numbers RF39AQT4XXD, RF50AQT4XXD: (2ft x 4ft) or larger with a diffuser or lens.**  
**1x4': Part Numbers RF32AQT1XXD: (1ft x 4ft) or larger with a diffuser or lens.**

**INSTALLATION INSTRUCTIONS:**

**Tools Required for Installation**

1. Step Ladder
2. Screw Driver
3. Wire Cutter (Wire Stripper optional)

**Materials Included:**

1. LED RetroFit
2. Magnetic Junction Box Cover
3. Male Disconnect (attached to the female end)
4. (4) Self-tapping screws, #8 x 1/2"
5. (2) Labels
6. Installation instructions

**Read all instructions before beginning installation**

**STEP 1**

Turn off power at the Circuit Breaker. Open the cover of the existing fixture.



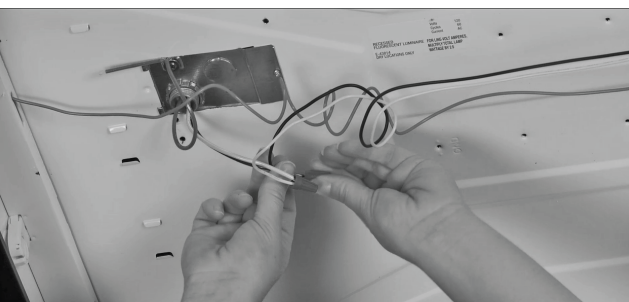
**STEP 2**

Remove the existing tubes and ballast cover. Recycle according to EPA guidelines (EPA.Gov).



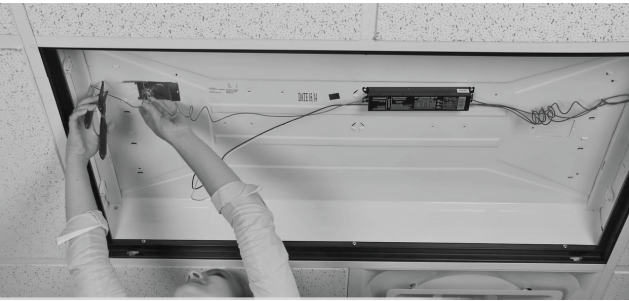
**STEP 3**

Disconnect the ballast wires from the incoming electrical line.



**STEP 4**

Cut any remaining wires as close as possible to the fixture (leaving as little wire as possible).



**STEP 5**

Unscrew and remove the ballast completely.



**STEP 6**

With the magnets facing the housing, place LED RetroFit into position; it will attach magnetically. Align as needed.

