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# Installation Instructions For Aledra Double-ended Linear LED *EasiRetrofit* Tube Lamp

**WARNING - RISK OF FIRE OR ELECTRIC SHOCK. LUMINAIRES WIRING, BALLASTS, OR OTHER ELECTRICAL PARTS MAY BE DAMAGED WHEN DRILLING FOR INSTALLATION OF REFLECTOR KIT HARDWARE. CHECK FOR ENCLOSED WIRING AND COMPONENTS.**

**WARNING - RISK OF FIRE OR ELECTRIC SHOCK. REFLECTOR/RETROFIT KIT INSTALLATION REQUIRES KNOWLEDGE OF FLUORESCENT LIGHTING LUMINAIRES ELECTRICAL SYSTEMS. IF NOT QUALIFIED, DO NOT ATTEMPT INSTALLATION. CCT A QUALIFIED ELECTRICIAN.**

**WARNING - RISK OF FIRE OR ELECTRIC SHOCK. INSTALL THIS KIT ONLY IN THE LUMINAIRES THAT HAS THE CONSTRUCTION FEATURES AND DIMENSIONS SHOWN IN THE PHOTOGRAPHS AND/OR DRAWINGS.**

**WARNING - TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR OTHER SHARP OBJECTS.**

## IMPORTANT

**ONLY THOSE OPEN HOLES INDICATED IN THE PHOTOGRAPHS AND/OR DRAWINGS MAY BE MADE OR ALTERED AS A RESULT OF KIT INSTALLATION. DO NOT LEAVE ANY OTHER OPEN HOLES IN AN ENCLOSURE OF WIRING OR ELECTRICAL COMPONENTS.**

**DO NOT MAKE OR ALTER ANY OPEN HOLES IN AN ENCLOSURE OF WIRING OR ELECTRICAL COMPONENTS DURING KIT INSTALLATION.**

**INSTALLATION OF THIS RETROFIT ASSEMBLY REQUIRES A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF FLUORESCENT LUMINAIRE ELECTRICAL SYSTEMS AND THE HAZARD INVOLVED.**

**INSTALLERS SHOULD NOT DISCONNECT EXISTING WIRES FROM LAMPHOLDER TERMINALS TO MAKE NEW CONNECTIONS AT LAMPHOLDER TERMINALS. INSTEAD INSTALLERS SHOULD CUT EXISTING LAMPHOLDER LEADS AWAY FROM THE LAMPHOLDER AND MAKE NEW ELECTRICAL CONNECTIONS TO LAMPHOLDER LEAD WIRES BY EMPLOYING APPLICABLE CONNECTORS.**

**THIS PRODUCT MUST OPERATE AT A VOLTAGE OF 110 ~ 277VAC, 110VAC, OR 277VAC. ALWAYS CHECK TO ENSURE WORKING VOLTAGE CONFORMS TO THE INPUT VOLTAGE ON THE PRODUCT LABEL.**

**NOTICE TO THE INSTALLER: PLEASE ADHERE THE ATTACHED LABEL WHERE VISIBLE DURING RELAMPING EITHER ON THE BALLAST TRAY OR ON REFLECTOR.**

**BEFORE REPLACING THE EXISTING FLUORESCENT TUBE, ALWAYS DISCONNECT THE POWER TO THE FIXTURE. THIS PRODUCT IS INTENDED TO USE WITH UL APPROVED LINEAR FIXTURES ONLY.**

## LIST OF COMPONENTS:

- **DOUBLE-ENDED LED TUBE LAMP X 1**
- **INSTALLATION INSTRUCTIONS X 1**
- **THE ATTACHED LABEL X 1**

## INSTALLATION INSTRUCTIONS

1. Disconnect the power to the fixture.
2. Remove the fluorescent tube one at a time (See Fig. 1).
3. Remove the ballast cover (See Fig. 2).
4. Cut all the wires to the ballast and remove the ballast (See Fig. 3 and 4, before and after).
5. Connect one of input lines with the wire(s) connected to one electrode on the fixture using an UL approved 18-14 AWG (0.82-2.08 mm<sup>2</sup>) twist-on wire connector (See Fig. 5).
6. Repeat procedure 5 for the other electrode.
7. Reinstall the ballast cover (See Fig. 6).
8. Check to see if the rated voltage on the label of the LED tube lamps to be replaced matches the voltage from AC power line.

9. Insert the LED tube lamp in the lampholders on the fixture and turn the LED tube lamp such that the plastic lens is downward (See Fig. 7).
10. Repeat procedure 9 until all the LED tube lamps are in place.
11. Adhere the attached notice label to the reflector of the luminaire.

12. Connect the power to the fixture.
13. Use wall-mount Triac dimmer to adjust lamp luminance if the lamps installed are dimmable (DM) models.



Fig. 1



Fig. 2



Fig. 3

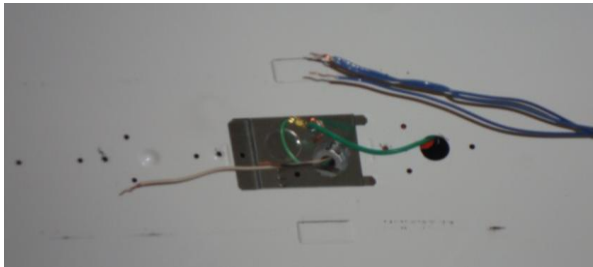


Fig. 4

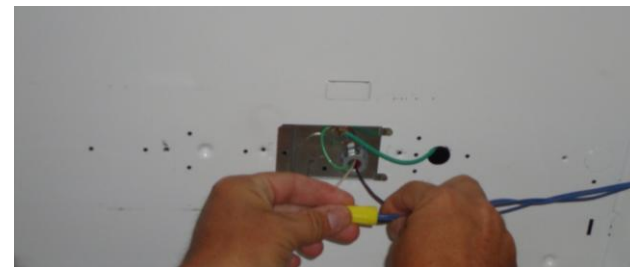


Fig. 5



Fig. 6



Fig. 7