

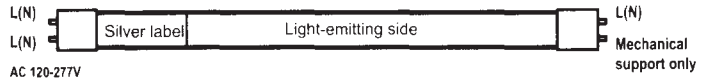


INSTALLATION AND SAFETY INSTRUCTIONS for 34633E/35190C

IMPORTANT: Read before installing fixture. Retain for future reference.

THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS.

WARNING - RISK OF FIRE OR ELECTRIC SHOCK. LED RETROFIT KIT INSTALLATION REQUIRES KNOWLEDGE OF LUMINAIRE ELECTRICAL SYSTEMS. IF NOT QUALIFIED, DO NOT ATTEMPT INSTALLATION. CONTACT A QUALIFIED ELECTRICIAN.



WARNING - RISK OF FIRE OR ELECTRIC SHOCK. INSTALL THIS KIT ONLY IN THE LUMINAIRE THAT HAVE THE CONSTRUCTION FEATURES AND DIMENSIONS SHOWN IN THE PHOTOGRAPHS AND/OR DRAWINGS AND WHERE THE INPUT RATING OF THE RETROFIT KIT DOES NOT EXCEED THE INPUT RATING OF THE LUMINAIRE.

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

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

THE RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION. PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH THE APPLICABLE AND APPROPRIATE ELECTRICAL CODES. THE INSTALLATION GUIDE DOES NOT SUPERSEDE LOCAL OR NATIONAL REGULATIONS FOR ELECTRICAL INSTALLATIONS.

NOT FOR USE WITH LIGHT DIMMERS

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

WARNING: TO AVOID POTENTIAL FIRE OR SHOCK HAZARD, DO NOT USE THIS RETROFIT KIT IN LUMINAIRE EMPLOYING SHUNTED BI-PIN LAMP HOLDERS. NOTE: SHUNTED LAMP HOLDERS ARE FOUND ONLY IN FLUORESCENT LUMINAIRE WITH INSTANT-START BALLASTS. INSTANT-START BALLASTS CAN BE IDENTIFIED BY THE WORDS "INSTANT START" OR "I.S." MARKED ON THE BALLAST. THIS DESIGNATION MAY BE IN THE FORM OF A STATEMENT PERTAINING TO THE BALLAST ITSELF, OR MAY BE COMBINED WITH THE MARKING FOR THE LAMPS WITH WHICH THE BALLAST IS INTENDED TO BE USED, FOR EXAMPLE F40T12/IS. FOR MORE INFORMATION, CONTACT THE LED LUMINAIRE RETROFIT KIT MANUFACTURER.

INSTALLERS SHOULD EXAMINE ALL PARTS THAT ARE NOT INTENDED TO BE REPLACED BY THE RETROFIT KIT FOR DAMAGE AND REPLACE ANY DAMAGED PARTS PRIOR TO INSTALLATION OF THE RETROFIT KIT.

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:
 (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
 (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.

INSTALLATION & OPERATING INSTRUCTIONS

New Installation

- **Single-ended:** Connect the L/N wires to the pins of the endcap, close the silver label.
 NOTE: Power is only applied to the endcap close to the silver label. Do not apply power to the other endcap; the lamp will not function. Use only non-shunted lampholder. See Figure 1.



Figure 1

Non-Shunted Lampholder Shunted Lampholder



- **Double-ended:** Connect the L wire to the pins of the endcap close to the silver label. Connect the N wire to the pins of the other endcap.



Retrofit Installation

- **Single-ended**
 NOTE: Power is only applied to the endcap close to the silver label. Do not apply power to the other endcap; the lamp will not function. Use only non-shunted lampholder. See Figure 1.

- STEP 1:** Turn power OFF.
- STEP 2:** Remove existing fluorescent lamps and diffuser (if applicable).
- STEP 3:** Open ballast compartment cover, cut the wires as shown in Figure 2, and remove the ballast. Disconnect starter (if applicable).
- STEP 4:** Connect the L/N wire to the lampholders (red and blue wires for 2 lamps), and insulate the unused wires as shown in Figure 3.
- STEP 5:** Close compartment cover and make sure live parts are not accessible. Visibly adhere field-applied label inside the luminaire.
- STEP 6:** Install the LED lamp and make sure the endcap close to the silver label is connected to the lampholders with L/N wires (red and blue wires for 2 lamps), then cover the diffuser (if applicable).
- STEP 7:** Turn power ON and verify that the lamps are working correctly. If not, immediately turn power off and contact a qualified electrician.