

## WARNING

**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. Installation should be performed only by a qualified electrician in accordance with the National Electrical Code and relevant local code.

**ATTENTION** - Risque d'incendie ou de choc électrique. L'installation du kit de mise à niveau LED nécessite une connaissance des systèmes électriques des luminaires. S'il n'est pas qualifié, ne pas tenter l'installation. Contactez un électricien qualifié.

**WARNING** - Risk of fire or electric shock. Install this kit only in luminaires 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.

**ATTENTION** - Risque d'incendie ou de choc électrique. N'installez ce kit que dans les luminaires dont les caractéristiques de construction et les dimensions indiquées sur les photographies et/ou les dessins et où la puissance d'entrée du kit de modernisation ne dépasse pas la puissance d'entrée du luminaire.

**WARNING** - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

**ATTENTION** - Pour éviter d'endommager le câblage ou de l'abrasion, ne pas exposer le câblage à des bords de tôle ou d'autres objets tranchants.

**CAUTION RISK OF FIRE** - IF THE LAMP OR LUMINAIRE EXHIBITS UNDESIRABLE OPERATION (BUZZING, FLICKERING, ETC.), IMMEDIATELY TURN OFF POWER, REMOVE LAMP FROM LUMINAIRE AND CONTACT MANUFACTURER.

**ATTENTION RISQUE D'INCENDIE** - SI LA LAMPE OU LE LUMINAIRE PRÉSENTE UN FONCTIONNEMENT INDÉSIRABLE (BOURDONNEMENT, CLIGNOTEMENT, ETC.), COUPEZ IMMÉDIATEMENT L'ALIMENTATION, RETIREZ LA LAMPE DU LUMINAIRE ET CONTACTEZ LE FABRICANT.

**CAUTION** - SUITABLE FOR DAMP LOCATIONS. DO NOT USE WITH DIMMERS. LED LUMINAIRE RETROFIT KIT FOR USE ONLY WITH PRODUCTS DESCRIBED AND INSTALLED IN ACCORDANCE WITH THE INSTRUCTIONS PROVIDED WITH THIS RETROFIT KIT. NOT FOR TOTALLY ENCLOSED LUMINAIRES.

**ATTENTION** - CONVIENT AUX EMPLACEMENTS HUMIDES. NE PAS UTILISER AVEC DES VARIATEURS. CE LUMINAIRE LED RETROFIT KIT DOIT ÊTRE UTILISÉ UNIQUEMENT AVEC LES PRODUITS DÉCRITS ET INSTALLÉS EN RESPECTANT LES INSTRUCTIONS FOURNIES AVEC CE RETROFIT KIT. NE CONVIENT PAS A DES LUMINAIRES TOTALEMENT FERMÉS.

THE RETROFIT ASSEMBLY IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY UL OR AUTHORITIES HAVING JURISDICTION.

Do not alter any open holes in an enclosure of wiring or electrical components during kit installation. 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.

Disconnected power at the source before installation, inspection or removal. Do not simply switch off fixture.

This item is rated at 120-277V. Installer must determine whether line voltage 120-277V is available at the luminaire before installation.

Not intended for use with emergency exit fixtures or emergency exit lights.

Not for use with luminaire ballast, bypass operation is needed.

Do not use if product is damaged.

"This luminaire has been modified to operate LED lamps" shall be marked on the retrofit luminaire where readily visible by the user during normal maintenance including re-lamping.

Risk of fire or electric shock. Do not open or modify. No user serviceable parts inside.

Complies with Part 15 of FCC. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference that may cause undersired operation.

SUITABLE FOR "TYPE NON-IC" LUMINAIRES WITHOUT DIFFUSER WITH THROUGH-BRANCH WIRING MARKED "MAX. 4 12AWG CONDUCTORS."

No external weight or mechanical force should be applied to lamp or components.

MIN. LAMP COMPARTMENT DIMENSIONS 6"(DIA) x 7.66"(H). MAXIMUM 1 LED LAMP.

## WARRANTY

### WHAT IS COVERED

The manufacturer warrants this product to be free from defects in materials and workmanship for a period of five years from date purchase.

This warranty applies only to the original consumer purchase and only to products used in normal use and service. If this product is found to be

defective, the manufacturer's only obligation, and your exclusive remedy, is the repair or replacement of the product at the manufacturer's discretion, provided that the product has been damaged through misuse, abuse, accident, modification, alteration, neglect, or mishandling.

### WHAT IS NOT COVERED

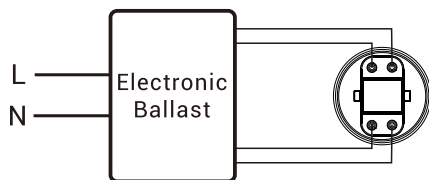
This warranty shall not apply to any product that is found to have been improperly installed, set-up, or used in any way not in accordance with the instructions supplied with the product. This warranty shall not apply to a failure of the product as a result of an accident, misuse, abuse, negligence, alteration, faulty installation, or any other failure not relating to faulty material or workmanship. This warranty shall not apply to the finish on any portion of the product, such as surface and/or weathering, as this is considered normal wear and tear.

The manufacturer does not warrant and specifically disclaims any warranty, whether express or implied, of fitness for a particular purpose, other than the warranty contained herein. The manufacturer specifically disclaims any liability shall not be liable for any consequential or incidental loss or damage, including but not limited to any labor/expense costs involved in the replacement or repair of said product.

## INSTALLATION

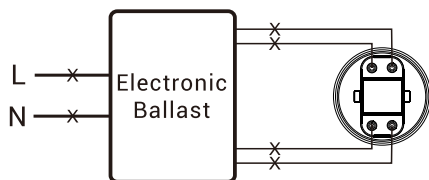
- 1) Read all WARNINGS on page 1 before continuing installation.
- 2) Make sure power is turned off at the source and fixture is 120-277V AC.
- 3) Remove lens if applicable, remove cover and fluorescent lamp.
- 4) If fixture is new without ballast, just plug-and-play, no need rewiring.
- 5) If fixture has a electronic ballast, please refer to below diagram.
- 6) Visibly affix the "Luminaire Marking Label." Do not reinstall housing cover or lens as product is not rated for enclosed fixtures.
- 7) Return power back to source and installation is now complete.

## WIRING

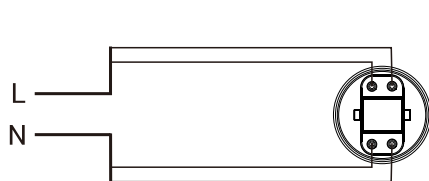


Before

- 1 Remove cover and flurescent lamp.



- 2 Cut all wires that connected ballast.  
Cut wire away from lampholder.



After

- 3 Rewire power source directly to wires leading to lampholder.  
Plug LED lamp into the socket.  
Do not reinstall housing cover or lens as product in not rated for enclosed fixtures.