

DIRECT WIRE MODE(MODE II, CONTINUED)

**WARNING:**  
RISK OF FIRE OR ELECTRIC SHOCK. INSTALLATION OF THIS RETROFIT KIT REQUIRES KNOWLEDGE OF ELECTRICAL SYSTEMS. IF YOU ARE NOT QUALIFIED, DO NOT ATTEMPT INSTALLATION, AND CONTACT A QUALIFIED ELECTRICIAN.  
RISQUE D'INCENDIE OU DE CHOC ÉLECTRIQUE. L'INSTALLATION DE CE KIT RÉTROFIT NÉCESSITE DES CONNAISSANCES SPÉCIFIQUES DES SYSTÈMES ÉLECTRIQUES. SI VOUS N'ÊTES PAS QUALIFIÉ, N'ESSAYEZ PAS DE L'INSTALLER, ET PRENEZ CONTACT AVEC UN ÉLECTRICIEN QUALIFIÉ.

INSTALL THIS KIT ONLY IN LUMINARIES THAT HAVE THE CONSTRUCTION FEATURES AND DIMENSIONS SHOWN IN THE PHOTOGRAPHS AND DRAWINGS.  
INSTALLEZ CE KIT DANS LES LUMINAIRES QUI DISPOSENT DES CARACTÉRISTIQUES DE CONCEPTION ET DES DIMENSIONS INDIQUÉES SUR LES PHOTOGRAPHIES ET SUR LES SCHEMAS.

DO NOT MAKE OR ALTER ANY OPEN HOLES IN AN ENCLOSURE OF WIRING OR ELECTRICAL COMPONENTS DURING KIT INSTALLATION.  
NE PAS AGRANDIR OU MODIFIER LES TROUS OUVERTS AU SEIN DU CÂBLAGE OU SUR LES COMPOSANTS ÉLECTRIQUES LORS DE L'INSTALLATION DU KIT.

TO PREVENT DAMAGE TO WIRING, DO NOT EXPOSE WIRES TO THE EDGES OF SHEET METAL OR OTHER SHARP OBJECTS.  
POUR ÉVITER D'ENDOMMAGER LE CÂBLAGE, NE PAS EXPOSER LES FILS SUR LES BORDS DE TÔLE MÉTALLIQUES OU SUR D'AUTRES OBJETS POINTUS.

**WARNING: TO AVOID POTENTIAL FIRE OR SHOCK HAZARD, DO NOT USE THIS RETROFIT KIT IN LUMINAIRES EMPLOYING SHUNTED BI-PIN LAMP HOLDERS. NOTE: SHUNTED LAMP HOLDERS ARE FOUND ONLY IN FLUORESCENT LUMINAIRES 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.**  
**AVERTISSEMENT: POUR ÉVITER TOUT INCENDIE POTENTIEL OU TOUT RISQUE DE CHOC, NE PAS UTILISER CE KIT DE RENOVATION DANS LES LUMINAIRES UTILISANT DES DOUILLES SHUNTÉES À DEUX BROCHES.REMARQUE: LES SUPPORTS DE LAMPE SHUNTÉ NE SE TROUVENT QUE SUR LES LUMINAIRES FLUORESCENTS AVEC BALLASTS ET À ALLUMAGE INSTANTANÉ. LES BALLASTES À ALLUMAGE INSTANTANÉ PEUVENT ÊTRE IDENTIFIÉES PAR LES MOTS "DÉMARRAGE INSTANTANÉ" OU "I.S." SUR LA BALLASTE. CETTE DÉSIGNATION PEUT ÊTRE PRÉSENTÉE SOUS LA FORME D'UNE DÉCLARATION RELATIVES AU BALLAST LUI-MÊME, OU PEUT ÊTRE COMBINÉE AVEC LE MARQUAGE POUR LES LAMPES DONT LE BALLAST EST DESTINÉ À ÊTRE UTILISÉ, PAR EXEMPLE LE MODÈLE F40T12 / EST. POUR PLUS D'INFORMATIONS, CONTACTEZ LE FABRICANT DU KIT DE RENOVATION DE LUMINAIRE LED.**

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.  
LES INSTALLATEURS NE DOIVENT PAS DEBRANCHER LES CÂBLES EXISTANTS DE TERMINAUX DE SUPPORT DE LAMPE POUR FAIRE DE NOUVELLES CONNEXIONS DANS LES DOUILLES.AU LIEU INSTALLATEURS DOIVENT COUPER LES CÂBLES EXISTANTS DE TERMINAUX DE SUPPORT DE LAMPE ET FAIRE DE NOUVELLES CONNEXIONS ÉLECTRIQUES EN UTILISANT DES CONNECTEURS APPLICABLES.

**WARNING – RISK OF FIRE OR ELECTRIC SHOCK. DO NOT ALTER, RELOCATE, OR REMOVE WIRING, LAMP HOLDERS, POWER SUPPLY, OR ANY OTHER ELECTRICAL COMPONENT.**  
**AVERTISSEMENT - RISQUES D'INCENDIE OU DE CHOC ÉLECTRIQUE.NE PAS MODIER, REPLACER OU DEBRANCHER LES CABLES, LES DOUILLES D'ALIMENTATION, OU TOUTE AUTRE COMPOSANT ÉLECTRIQUE.**

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.  
LE MONTAGE DU RETROFIT EST ACCEPTÉE COMME COMPOSANT D'UN LUMINAIRE OÙ LA PERTINENCE DE LA COMBINAISON SERA DÉTERMINÉE PAR L'UL OU LES AUTORITÉS AYANT LA JURIDICTION CORRESPONDANTE.

WARRANTY

LIMITED FIVE-YEAR WARRANTY. Should this product fail to perform satisfactorily due to a defect or poor workmanship within five years from the date of purchase, return it to the place of purchase and it will be replaced, free of charge. Incidental or consequential damages are excluded from the warranty.

SUITABLE FOR MODEL

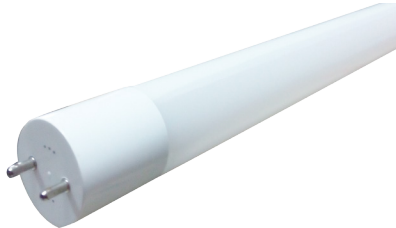


IMAGE MAY VARY FROM ACTUAL PRODUCT

FEATURES:

UL CERTIFIED  
FULL GLASS HOUSING: NO AGING YELLOWING BENDING  
TWO OPERATION MODELS:  
COMPATIBLE MODE(MODE I)  
PLUG-N-PLAY REPLACEMENT  
COMPATIBLE WITH INSTANT START ELECTRONIC BALLAST  
DIRECT WIRE MODE(MODE II)  
DIRECT CONNECT WITH THE MAINS:120-277VAC 50/60HZ (UNIVERSAL VOLTAGE INPUT)

SAFETY INSTRUCTION



FOR YOUR AND OTHERS' SAFETY, PLEASE READ THE PRECAUTION CAREFULLY BEFORE INSTALLATION.  
FOR COMPATIBLE MODE (MODE I)

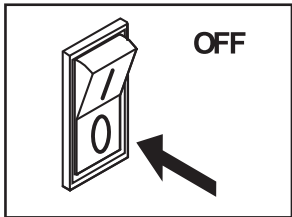
- 1).WARNING: RISK OF SHOCK. DISCONNECT POWER BEFORE INSTALLATION;
- 2).LED T8 LAMP FOR USE ONLY WITH PRODUCTS DESCRIBED AND INSTALLED IN ACCORDANCE WITH PRODUCT SPECIFICATIONS. LED T8 LAMP TO BE OPERATED WITH FLUORESCENT ELECTRONIC BALLAST.
- 3).WARNING: RISK OF FIRE, USE ONLY IN PLACE OF FLUORESCNT LAMPS SPECIFIED ON LABEL. RISK OF ELECTRIC SHOCK, SUITABLE FOR DAMP LOCATIONS.
- FOR DIRECT WIRE MODE (MODE II)
  - 1).PRODUCT SHOULD BE INSTALLED BY QUALIFIED ELECTRICIAN.
  - 2).SWITCH OFF THE POWER SUPPLY BEFORE COMMENCING WORK, MAKE SURE CORRECT CONNECTION BEFORE POWER ON.
  - 3).DO NOT APPLY UNCERTIFIED LED DRIVER WITH THE PRODUCT.
  - 4).NOT FOR EMERGENCY LIGHTING.
  - 5).WARNING: RISK OF FIRE, USE ONLY IN PLACE OF FLUORESCNT LAMPS SPECIFIED ON LABEL. RISK OF ELECTRIC SHOCK, SUITABLE FOR DRY AND DAMP LOCATIONS.

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 UNDESIRED OPERATION.

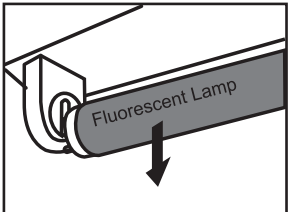
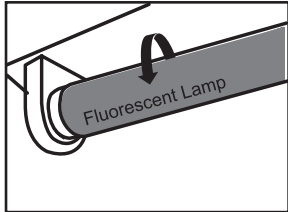
INSTALLATION

COMPATIBLE MODE (MODE I)

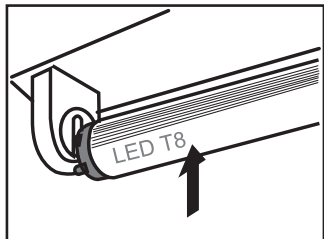
- 1).Turn Power OFF



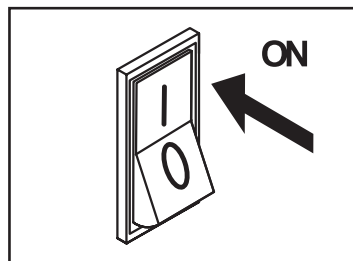
- 2).Remove lens or diffuser (if applicable)
- 3).Remove existing fluorescent lamps from the luminaire



4).Bring LED lamp to luminaire and insert lamp pins into luminaire lamp holders.



6).Place lens or diffuser back in place (if applicable)  
7).Turn Power ON



#### SAFETY INFORMATION:

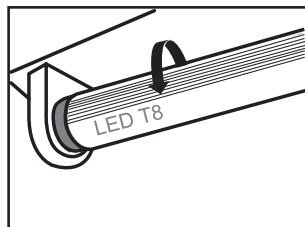
- 1).Check the lamp before installation, if there is any damage caused during transportation, do not install.
- 2).Maintenance should be carried out by technical personnel only.
- 3).Do not stare at the light source with bare eyes for a long time, or beam to others's eyes.
- 4).Do not place any objects on the lamp.
- 5).Keep the lamp away from flame or high temperature objects.
- 6).Only for indoor use.
- 7).Only replace with same type of LED tube! Risk of electrical shock!
- 8).If the glass lamp tube is broken, the lamp must be disposed immediately!

#### MAINTENANCE NOTES:

- 1).Disconnect lamp from power supply before any maintenance.
- (2) Clean luminaire with dry cloth.
- (3) Do not clean the lamp with corrosive chemicals.

5).Rotate LED lamp until lamp locks in place. Ensure that the LED lamp front points away from the back of the luminaire.

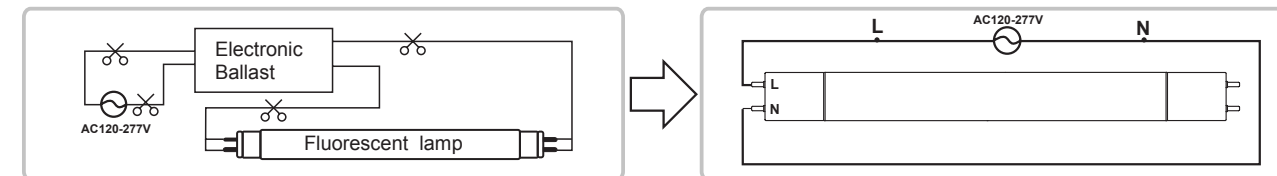
Note: Install LED T8 replacement lamp one for each fluorescent lamp removed.



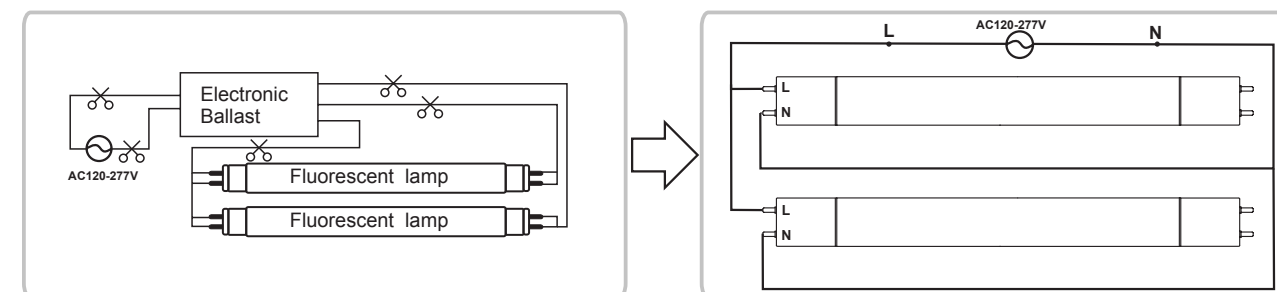
DO NOT INSTALL THIS LAMP IN A PRE-HEAT LUMINAIRE.  
N'INSTALLEZ PAS CETTE LAMPE DANS UN APPAREIL D'ÉCLAIRAGE de PRÉCHAUFFAGE.  
THIS LAMP ONLY OPERATES ON ELECTRONIC BALLASTS. IF LAMP DOES NOT LIGHT WHEN LUMINAIRE IS ENERGIZED, REMOVE LAMP FROM LUMINAIRE AND CONTACT LAMP MANUFACTUREER OR QUALIFIED ELECTRIAN.  
ATTENTION RISQUE DE FEU - SI LA LAMPE OU LE LUMINAIRE MONTRE DES SIGNES D'OPERATION INDESIRABLE (BRUIT, VIBRATION, CLIGNOTEMENT, ETC.), ALORS COUPER IMMÉDIATEMENT LE COURANT ET ENLÈVER LA LAMPE DE L'APPAREIL D'ÉCLAIRAGE ENTRER EN CONTACT AVEC LE FABRICANT.  
CAUTION RISK OF FIRE -IF THE LAMP OF LUMINAIRE EXHIBITS UNDESIRABLE OPERATION (BUZZING, FLICKERING, ETC.), IMMEDIATELY TURN OFF POWER, REMOVE LAMP FROM LUMINAIRE AND CONTACT WIRH MANUFACTURERE.  
ATTENTION RISQUE DE FEU - SI LA LAMPE OU LE LUMINAIRE MONTRE DES SIGNES D'OPERATION INDESIRABLE (BRUIT, VIBRATION, CLIGNOTEMENT, ETC.), ALORS COUPER IMMÉDIATEMENT LE COURANT ET ENLÈVER LA LAMPE DE L'APPAREIL D'ÉCLAIRAGE ENTRER EN CONTACT AVEC LE FABRICANT.

#### DIRECT WIRE MODE (MODE II) WIRING INSTRUCTIONS-ELECTRONIC BALLAST

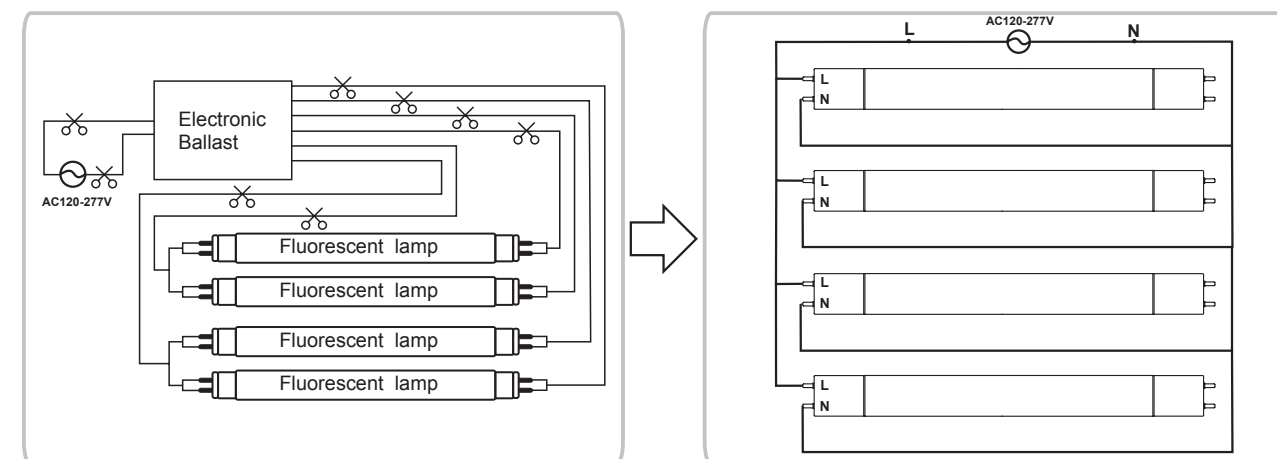
##### RETROFIT LUMINAIRE WITH 1 LAMP



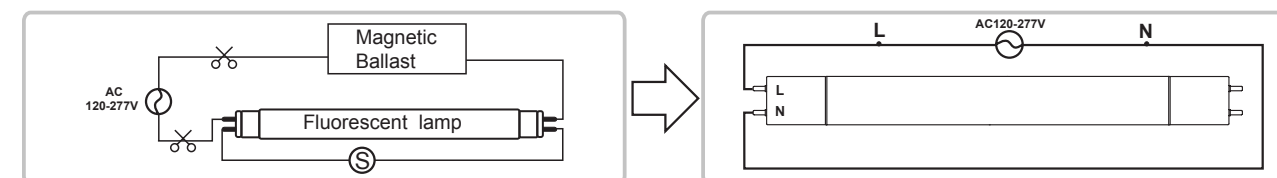
##### RETROFIT LUMINAIRE WITH 2 LAMP



##### RETROFIT LUMINAIRE WITH 4 LAMP



#### WIRING INSTRUCTION-MAGNETIC BALLAST RETROFIT LUMINAIRE MAGNETIC BALLAST



#### CAUTIONS:

- 1).Make sure the socket is un-shunted for L,N input terminal.(As shown in right)
- 2).The terminal with label shown below indicates that this terminal should be connected with mains.

