

LED T8 LINEAR RETROFIT LAMPS INSTALLATION GUIDE

READ ALL WARNINGS AND INSTRUCTIONS PRIOR TO INSTALLING THE T8 RETROFIT LAMPS TO ENSURE SAFETY AND PROPER OPERATION

WARNINGS

WARNING - Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician in accordance with the National Electrical Code and relevant local code.

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

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

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

This device is not intended for use with emergency exits.

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

NOT FOR USE WITH DIMMERS. SUITABLE FOR DAMP LOCATIONS

INSTALLATION INSTRUCTIONS:

This lamp is a Hybrid lamp meaning it can be installed using 2 methods: DIRECT REPLACEMENT or BALLAST BYPASS (DOUBLE ENDED POWER).

Please follow the instruction below for the method of your choosing.

DIRECT REPLACEMENT

1. Switch-off power to luminaire.
2. Remove diffuser (if provided).
3. Remove existing fluorescent lamp(s) from luminaire. Note: Verify that the fluorescent tube type is listed on the LED lamp label.
4. Install LED lamp (one for each fluorescent lamp removed, ensure pins are firmly seated in lampholders).
5. Switch on power to luminaire and reattach diffuser (if provided).

BALLAST BYPASS DOUBLE-ENDED POWER

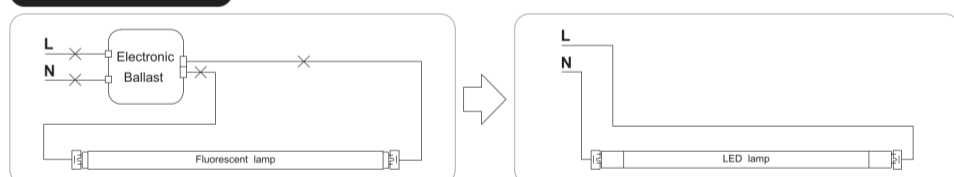
Suitable for use with both shunted and non-shunted lamp holders.

⚠ The below ballast wiring represents typical configuration.
The actual ballast wiring varies according to ballast model. It is not needed to change socket (if in good condition) to operate double ended lamps, regardless the type of sockets. Please make sure one side of fixture is connected to Live (L) and the other side to Neutral (N).

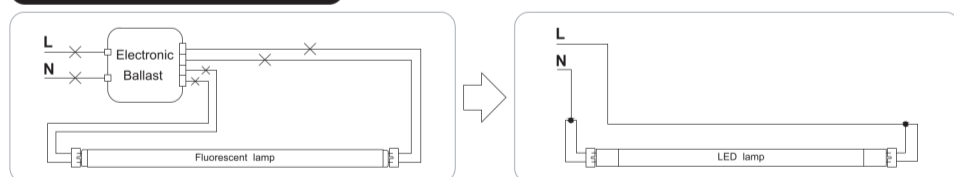
Wiring Instruction

Retrofit luminaire with 1 lamp

Instant Start

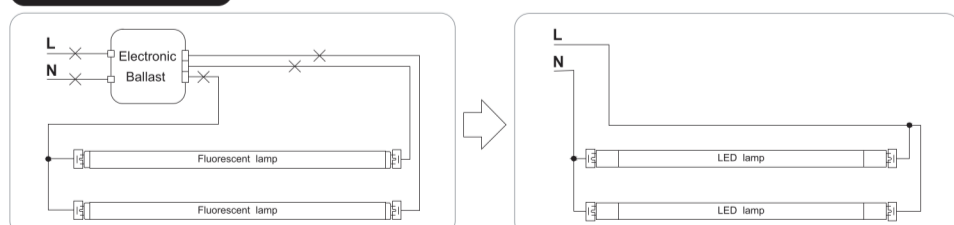


Program Start or Rapid Start

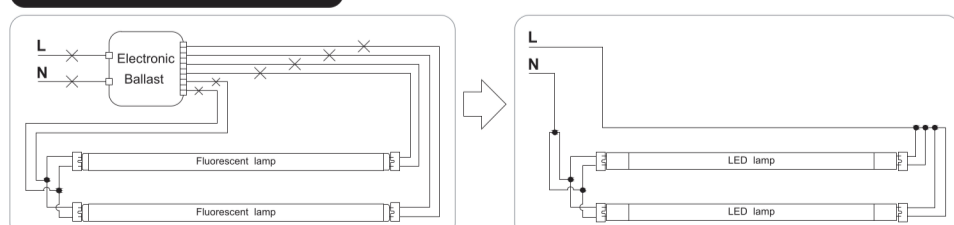


Retrofit luminaire with 2 lamps

Instant start



Program Start or Rapid Start

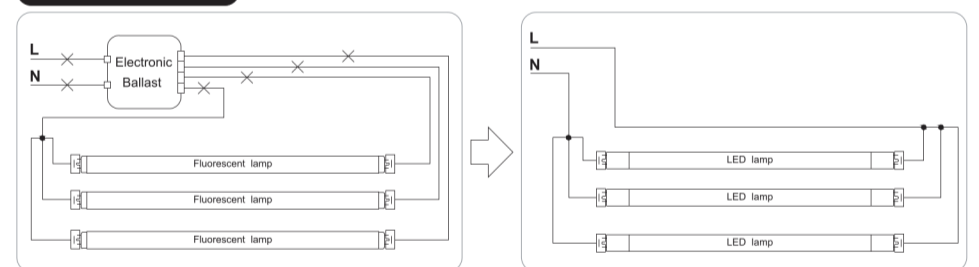


A-2

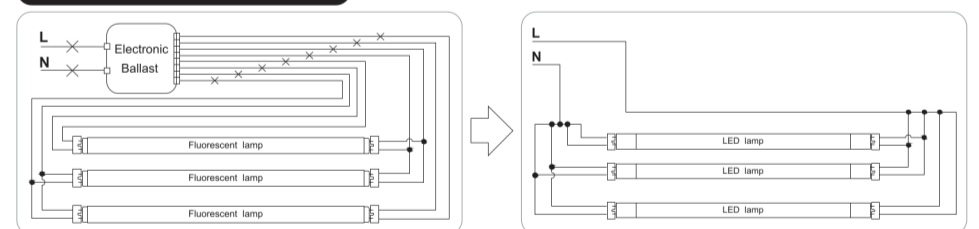
Wiring Instruction

Retrofit luminaire with 3 lamps

Instant start

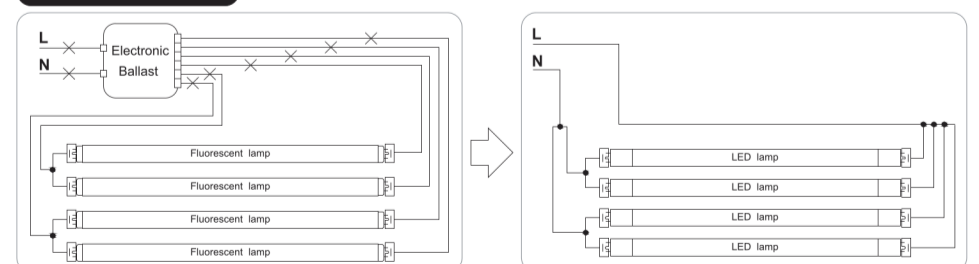


Program Start or Rapid Start

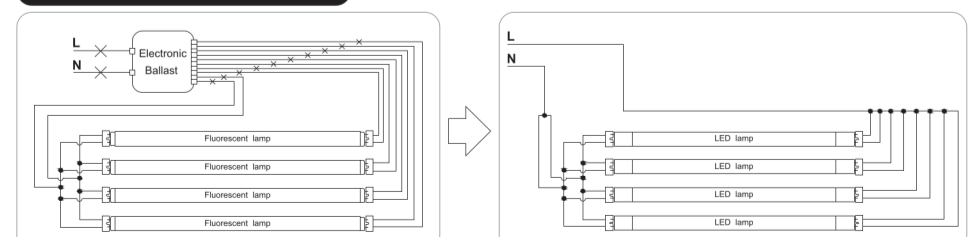


Retrofit luminaire with 4 lamps

Instant start



Program Start or Rapid Start



A-3