TCP LT814B2CCT LED SelecT8 Color Selectable Tube Light Instruction Manual

TCP LT814B2CCT LED SelecT8 Color Selectable Tube Light

Contents

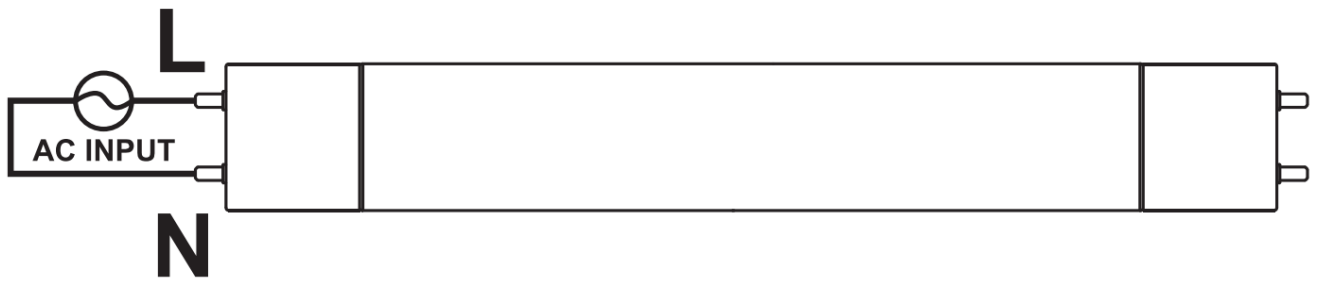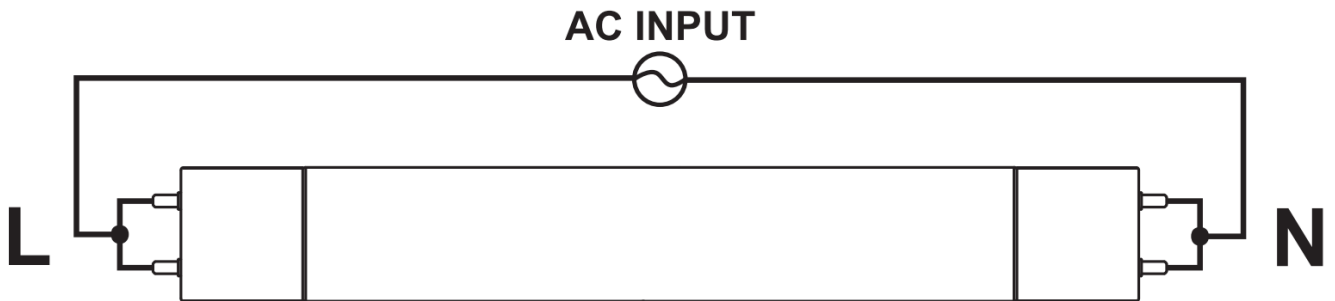## Product Features

- UL certified
- Full glass housing: No Aging, Yellowing, Bending.
- Single ended

- Double ended

Product Applications

Widely used in residential buildings, offices, shopping malls, supermarkets, hospitals, assembly lines, warehouses, etc. for energy saving illumination.

Installation Instructions

Please completely comply with these instructions and notes, to ensure that the product is operated in a safe condition.

⚠ Safety Precautions

For your and others' safety, please read the precaution carefully before installation:

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. NOT FOR EMERGENCY LIGHTING.

⚠ WARNING

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.

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. 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 RETROFIT KIT IS ACCEPTED AS A COMPONENT OFA LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION.
THERE ARE TUBE, OPERATION INSTRUCTION AND FILED THE DOUBLE-ENDED OR SINGLE-ENDED APPLICATION LABEL INTHIS RETROFIT KIT.

The units covered by this report were intended to retrofit surface mount, Type IC or non-IC recessed mount Listed fluorescent luminaires that use maximum 4 tubular lamps, the minimum lamp compartment dimensions are tabulated below:
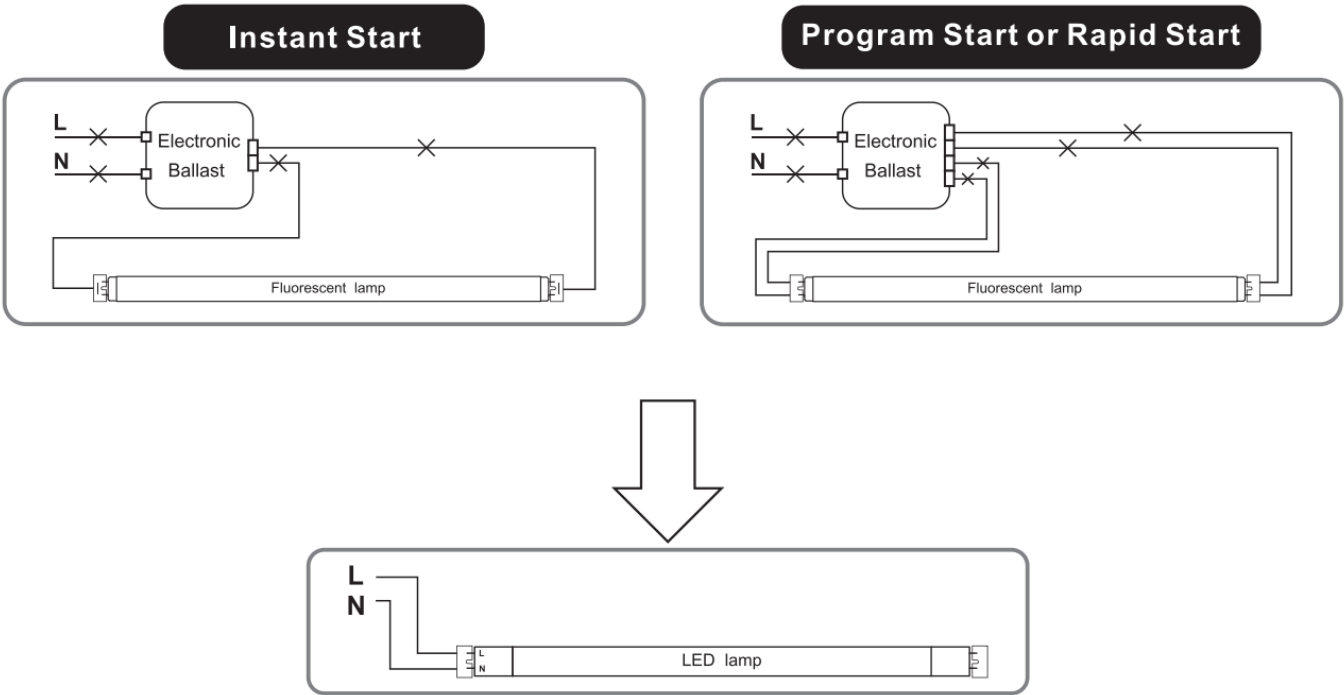
Model Number	MINIMUM LAMP COMPARTMENT DIMENSIONS (Length• Width• Height] [mm]	Lamp Quantity
T802001AE**	610 $_x$ 340 $_x$ 45	4
T803001AE**	920 $_x$ 340 $_x$ 45	4
T804004AE**	1230 $_x$ 340 $_x$ 45	4

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.
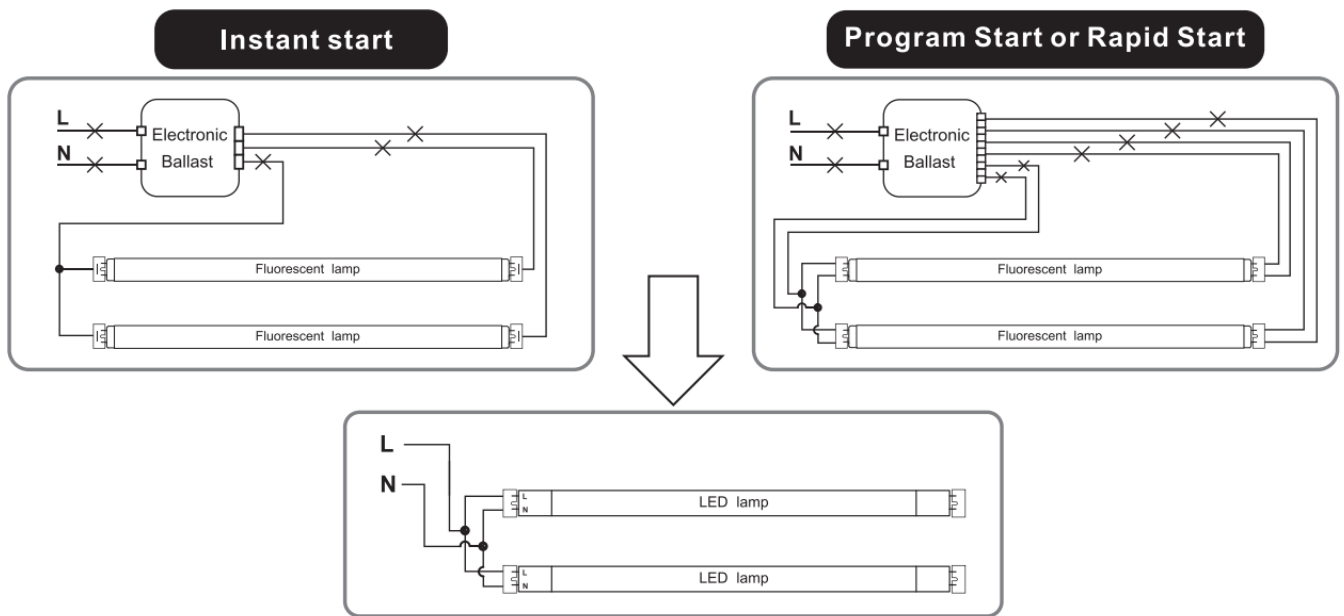
⚠ The below ballast wiring represents typical configuration. The actual ballast wiring varies according to ballast model. The socket should be non-shunted.
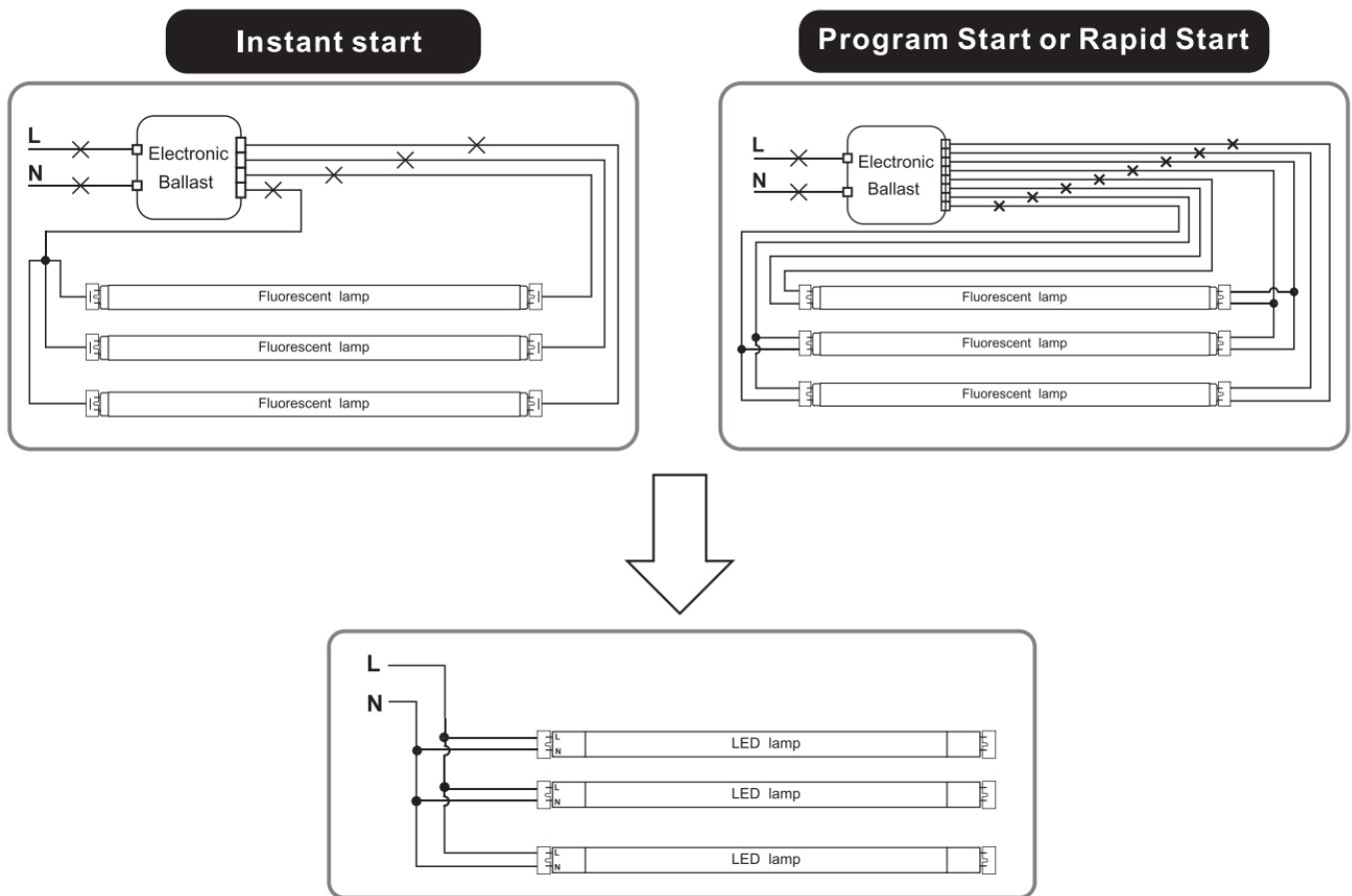
Single Ended Wiring Instruction

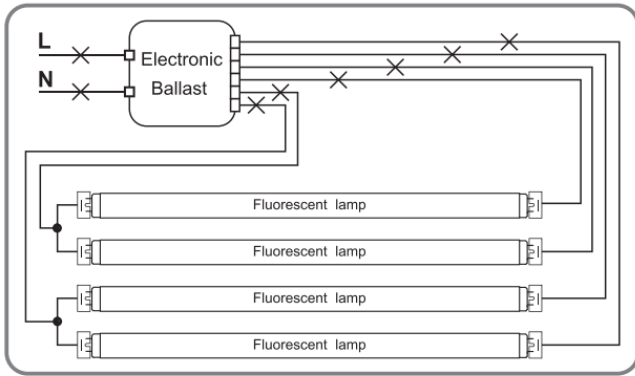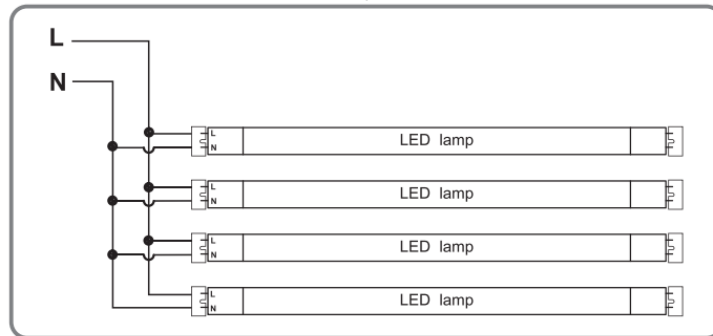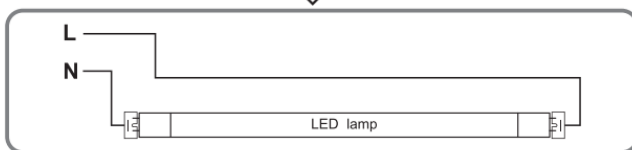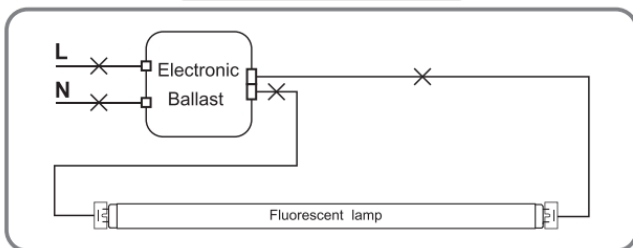Retrofit luminaire with 1 lamp

Retrofit luminaire with 2 lamps

L
N
Electronic
Ballast
Fluorescent lamp
Fluorescent lamp

L
N
Electronic
Ballast
Fluorescent lamp
Fluorescent lamp

L
N
LED lamp
LED lamp

Retrofit luminaire with 3 lamps

L
N
Electronic
Ballast
Fluorescent lamp
Fluorescent lamp
Fluorescent lamp

L
N
Electronic
Ballast
Fluorescent lamp
Fluorescent lamp
Fluorescent lamp

L
N
LED lamp
LED lamp
LED lamp

Retrofit luminaire with 4 lamps

Instant start

L — Electronic Ballast
N —
Fluorescent lamp
Fluorescent lamp
Fluorescent lamp
Fluorescent lamp

Program Start or Rapid Start

L — Electronic Ballast
N —
Fluorescent lamp
Fluorescent lamp
Fluorescent lamp
Fluorescent lamp

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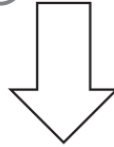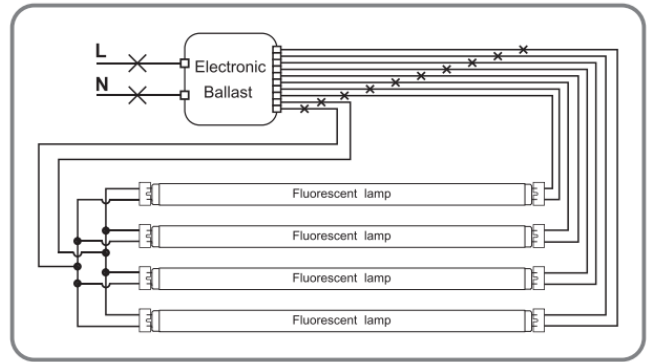
⚠ The below ballast wiring represents typical configuration. The actual ballast wiring varies according to ballast model. It is not needed to change socket (if in good condition) to operate double ended lamps, regardless the type of sockets. Please make sure one side of fixture is connected to Live (L)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

Double Ended Wiring Instruction
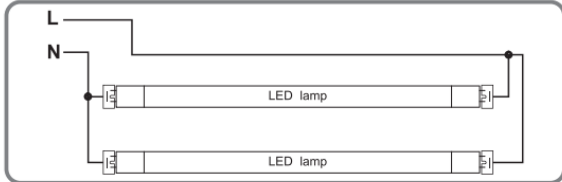
Retrofit luminaire with 1 lamp

Instant Start

L — Electronic Ballast
N —
Fluorescent lamp

Program Start or Rapid Start

L — Electronic Ballast
N —
Fluorescent lamp

L —
N —
LED lamp

L —
N —
LED lamp
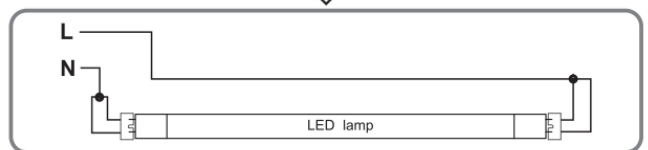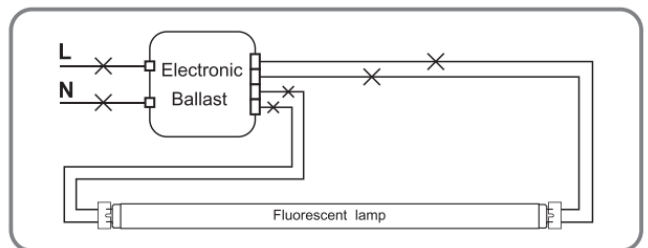
Retrofit luminaire with 2 lamps

Instant Start

Program Start or Rapid Start

Retrofit luminaire with 3 lamps
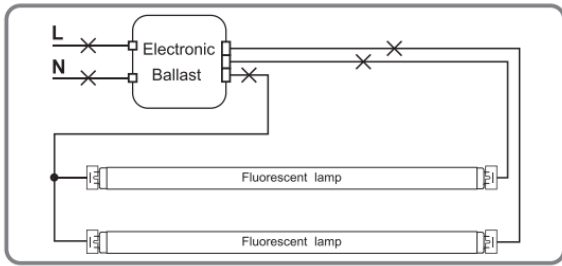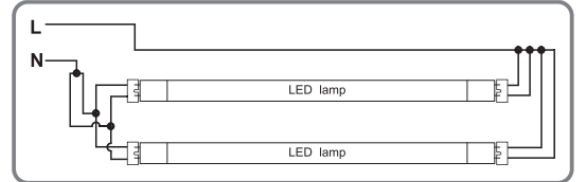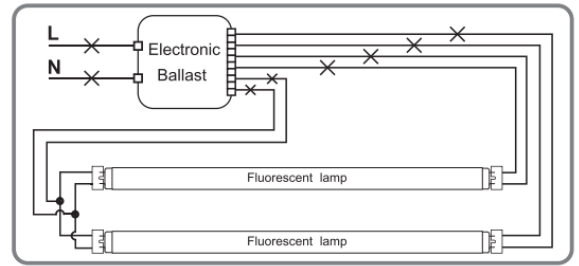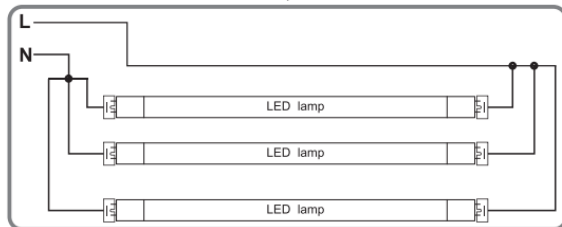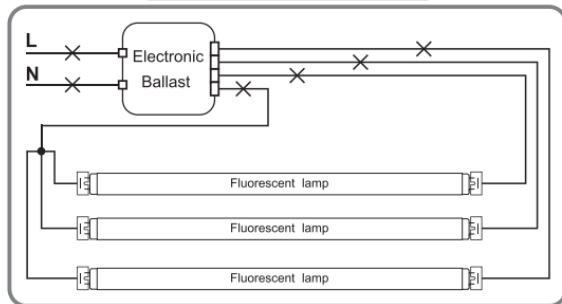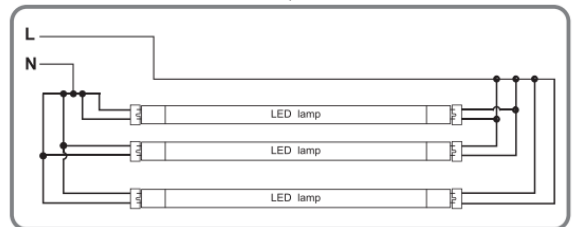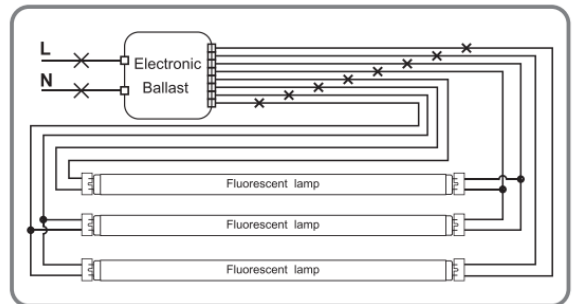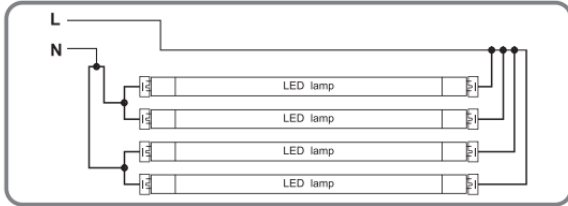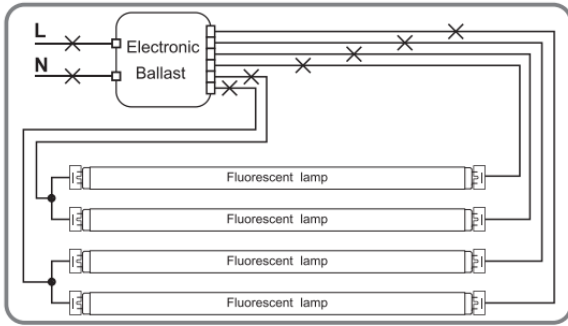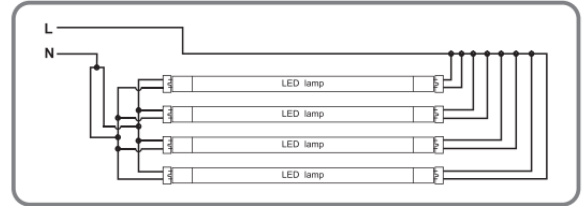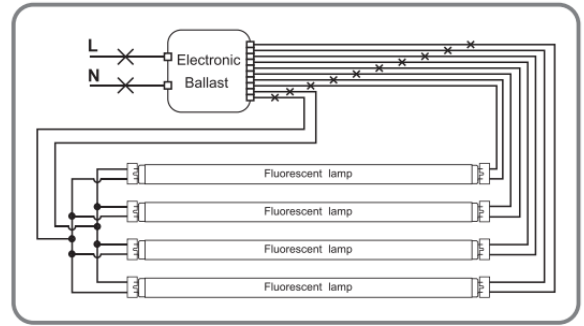
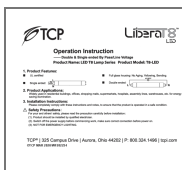## Instant Start

Program Start or Rapid Start

Retrofit luminaire with 4 lamps

Instant Start

Electronic Ballast

Fluorescent lamp
Fluorescent lamp
Fluorescent lamp
Fluorescent lamp

LED lamp
LED lamp
LED lamp
LED lamp

Program Start or Rapid Start

Electronic Ballast

Fluorescent lamp
Fluorescent lamp
Fluorescent lamp
Fluorescent lamp

LED lamp
LED lamp
LED lamp
LED lamp

Customer Support

TCP® l 325 Campus Drive l Aurora, Ohio 44202 l P: 800.324.1496 l **tcpi.com**

Documents / Resources

TCP LT814B2CCT LED SelecT8 Color Selectable Tube Light [pdf] Instruction Manual
T802001A E, T803001A E, T804004A E, LT814B2CCT, LT814B2CCT LED SelecT8 Color Selec
table Tube Light, LED SelecT8 Color Selectable Tube Light, SelecT8 Color Selectable Tube Lig
ht, Color Selectable Tube Light, Selectable Tube Light, Tube Light, Light