



## **WARNING**

- Installation, service, and maintenance of luminaries should be performed by a qualified licensed electrician.
- There are LED tubes, operation instructions, and field applied labels in this retrofit kit.

## **CAUTION**

- Install this LED tube only in luminaries that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit fit does not exceed the input rating of the luminaire.
- Do not make or alter any open holes in the wiring enclosure or components during installation.
- Type B Lamps are intended for operation in luminaires with traditional fluorescent-type lampholders wired directly to the branch circuit. This includes both factory-wired luminaire as well as those converted for this purpose under a retrofit program.
- Installers should not disconnect existing wires from the lampholder terminals to make new connections at the lampholder terminals. Instead installers should cut existing lampholder leads away from the lampholder and make new electrical connections to the lampholder lead wires by employing applicable connectors.
- Only use dimmer provided with or specified by these instructions to control this LED tube. This tube will not operate properly when connected to a standard (incandescent) dimmer or dimming control. Only operate with specific dimmer PLTSPA manufactured by PLT Solutions.
- 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.
- NOT FOR EMERGENCY LIGHTING.
- ONLY USE WITH A METAL FIXTURE.

## **NOTICE**

- This lamp is accepted as a component of a luminaire where the suitability of the combination shall be determined by UL or authorities having jurisdiction.
- The lamp system power is 48W with dimmer. One lamp works with one dimmer. Two lamp system power is 95W with two dimmers.

## **Compartment Dimensions**

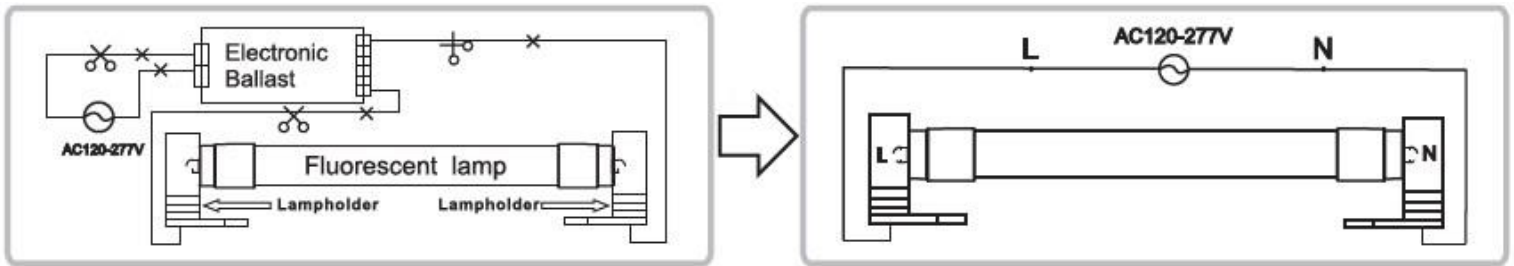
The LED tubes covered by these instructions are intended to retrofit surface mount, Type IC or non-IC, recessed mount fluorescent luminaries that use a maximum of 2 tubular lamps. The minimum lamp compartment dimensions are tabulated below.

<b>Model Number</b>	<b>Minimum Lamp Compartment Dimensions [Length x Width x Height]</b>	<b>Lamp Quantity</b>	<b>Lamp-to-lamp Spacing</b>
PLTSP2K214 PLTSP2K215 PLTSP2K216	96" x 10.63" x 2.76" 244 cm x 27 cm x 7 cm	2	4.33" 11 cm

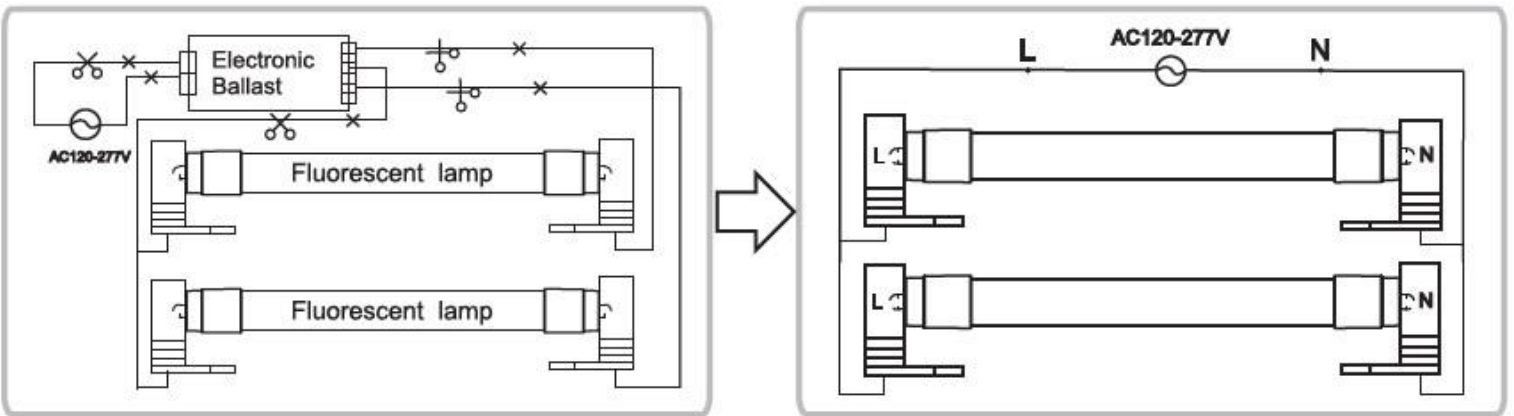
## Installation Instructions

### Electronic Ballast

Retrofit Luminaire with 1 Lamp

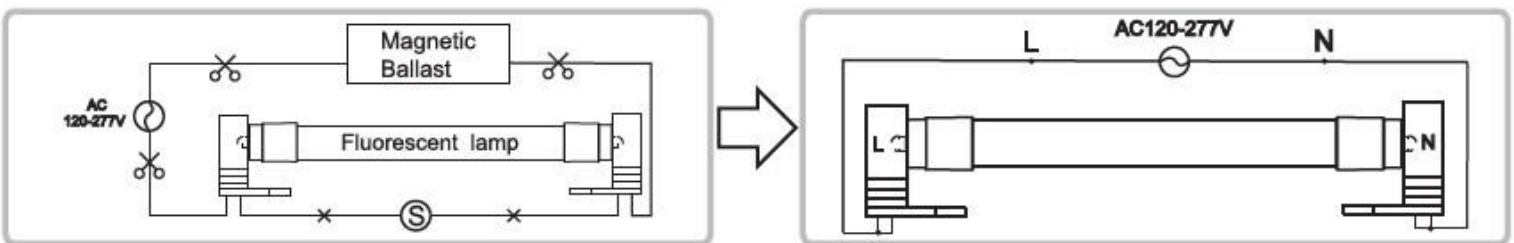


Retrofit Luminaire with 2 Lamps



### Magnetic Ballast

Retrofit Luminaire with Magnetic Ballast



## FCC Warning

- 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.



#### **⚠ WARNING**

- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- To reduce the risk of death, personal injury, or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards, read all warnings and instructions included with and on the fixture box and all fixture labels.
- Proper grounding is required to ensure safety.
- Power must be turned off at the breaker before installation or maintenance.
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Wear gloves and eye protection at all times while installing, servicing, or performing maintenance on the luminaire, and avoid direct eye exposure to the light source while it is on.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not install damaged product. Inspect luminaire for damage that may have occurred during transit. If damaged, contact the manufacturer immediately.
- These instructions do not purport to cover all details or variations in equipment nor to provide every possible contingency to meet in connection with installation, operation, or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's or owner's purposes, contact the manufacturer.

#### **⚠ ADVERTENCIA**

- Antes de instalar, reparar o realizar el mantenimiento de rutina de este equipo, siga estas precauciones generales.
- Para reducir el riesgo de muerte, lesiones personales o daños a la propiedad por fuego, descarga eléctrica, caída de piezas, cortes / abrasiones y otros peligros, lea todas las advertencias y instrucciones incluidas con y en la caja del dispositivo y todas las etiquetas del dispositivo.
- Se requiere una conexión a tierra adecuada para garantizar la seguridad.
- Se debe apagar la energía en el disyuntor antes de la instalación o el mantenimiento.
- Este producto debe ser instalado de acuerdo con el código de instalación aplicable por una persona familiarizada con la construcción y operación del producto y los peligros involucrados.
- Utilice guantes y protección para los ojos en todo momento durante la instalación, el servicio o el mantenimiento de la luminaria, y evite la exposición directa de los ojos a la fuente de luz mientras está encendida.
- Para evitar daños o abrasiones en el cableado, no exponga el cableado a bordes de láminas de metal u otros objetos afilados.
- No instale un producto dañado. Inspeccione la luminaria en busca de daños que puedan haber ocurrido durante el tránsito. Si está dañado, comuníquese con el fabricante de inmediato.
- Estas instrucciones no pretenden cubrir todos los detalles o variaciones en el equipo ni proporcionar todas las posibles contingencias a cumplir en relación con la instalación, operación o mantenimiento. Si desea obtener más información o si surgen problemas particulares que no están suficientemente cubiertos para los propósitos del comprador o propietario, comuníquese con el fabricante.