



8 FT COLOR SELECTABLE TYPE B LED T8 TUBE – SPLIT JOINT

WARNING, CAUTION, SAFETY AND INSTALLATION INSTRUCTIONS

WARNING

- Installation, service, and maintenance of luminaires should be performed by a qualified licensed electrician.
- Keep these instructions for future reference. Read instructions carefully before attempting to install in fixture.
- Before installation, examine all parts that are not intended to be replaced by the lamp, and replace any damaged parts prior to installation.

CAUTION

- Suitable to replace fluorescent lamps as specified on the product label.
- Do not open – No serviceable parts inside.
- This device is not intended for use with emergency exits.
- Do not use with standard dimmers.
- 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.
- Do not make or alter any holes in the wiring enclosure 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.
- For a linear tubular LED lamp conversion, there shall be text or a diagram showing how the supply connections were made to the lampholders so the correct connections will be made to the lamp when the lamp is installed or replaced.
- This retrofit kit is accepted as a component of a luminaire where the suitability of the combination shall be determined by authorities having jurisdiction.
- In this Type B (ballast bypass) installation, the luminaire will no longer operate fluorescent lamps after the removal of the electronic ballast.
- If the lamp or luminaire exhibits undesirable operation (buzzing, flickering, ect...), immediately turn off the power, remove the lamp from the luminaire, and contact the manufacturer.
- The units covered by this report were intended to retrofit surface mount with diffuser for these models, Type IC or non - IC recessed mount listed fluorescent luminaires that use maximum two tubular lamps, the minimum lamp compartment dimensions are tabulated below:

Model	MINIMUM LAMP COMPARTMENT DIMENSIONS [Length x Width x Height] [inches]	Lamp Quantity
PLTP24292	95.3 x 4.3 x 2	2

NOTICE

- Suitable for dry or damp locations.
- Do not use where directly exposed to water or weather. Non-submersible (not watertight).
- Suitable for use in enclosed fixtures.



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Included Parts & Components

- LED T8 lamp (2 pieces – A and B)
 - Side A: Tube labeled “L Pin Shorted” and “to this line” T-shaped line at the connection end
 - Side B: Tube with the CCT selection switch, labeled “N Pin Shorted”, and “arrow” at the connection end
- Fa8 adaptor (2 pieces), for G13 to FA8 conversion
- R17d adaptor (2 pieces), for G13 to R17d conversion
- Anti-rotating clip (1 piece), use at the midpoint of the lamp to prevent sagging or drooping and rotation.
- Installation instructions
- Luminaire labels, to apply to the luminaire where readily visible after the retrofit has been installed

Installation Instructions

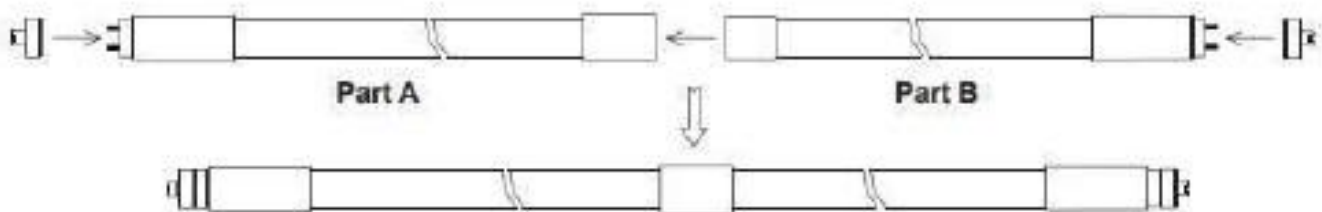
Split Joint Connection and Assembly Instructions

1. Base Selection
 - a. Determine what base is needed (Fa8 Single Pin or R17d Recessed Double Contact).
 - b. If the lampholder is Fa8, insert Fa8 adaptors to the G13 pins at both ends of the lamp. If it's R17d, insert the R17d adaptors.
2. Connect/Assemble the Tubes
 - a. Put the two parts of the tube (Part A and Part B) in a straight line with the end caps in both ends.
 - b. Align the two tube parts so the “arrow” and “straight line” line up. If lined up correctly, the white glue strip on the back will also line up correctly.



- c. Insert the end with the “arrow” (B) into the narrower connector (A) until (B) overlaps the “to this line” vertical line completely.
- d. Assembly completed.

IMPORTANT: Once the two pieces are connected, the tube cannot be separated or disconnected.

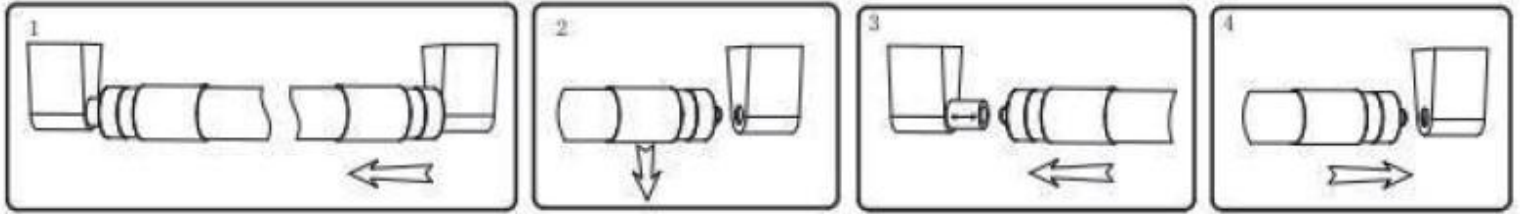




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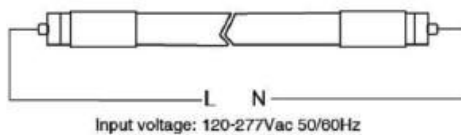
WARNING, CAUTION, SAFETY AND INSTALLATION INSTRUCTIONS

Installation

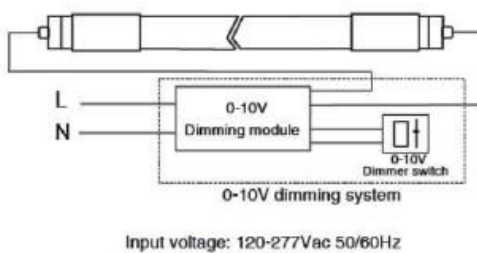


1. Disconnect power to the luminaire
 - a. Disconnect power to the luminaire or circuit (if possible). Ensure all power is off by using a voltmeter or other method to confirm.
2. Remove the existing tube lamp(s)
 - a. Remove the fixture lens, if present.
 - b. Remove the existing fluorescent tube(s).
 - c. Remove the ballast cover. The cover may be secured with screws or tabs.
3. Rewire the fixture
 - a. Disconnect the wires between the starter and ballast.
 - b. Connect two wires to branch circuit L and N according to the figures below:

Case 1: Direct AC wiring diagram without dimming

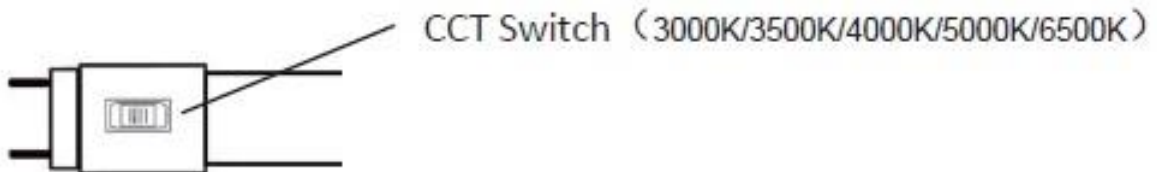


Case 2: Direct AC wiring diagram with 0-10V dimming system



Note: Dimming module must be purchased for dimming. Do not dim without the proper module. PLT Solutions.

- c. After modification is complete, attach the modification sticker to the luminaire where readily visible by the user during normal maintenance and re-lamping.
4. Select the CCT
 - a. The color temperature can be adjusted using the CCT switch on the LED lamp's base.



- b. If adjusting the color temperature after the tubes have been installed, make sure that the lamps are OFF before adjusting to prevent damaging the lamps.



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5. Insert the LED tubes
 - a. Read the label on the LED tube to ensure the powered end of the LED is aligned with the powered lampholder, then insert the LED lamp by sliding the adaptors into the sockets until the LED tube locks into place.
 - b. Clip the anti-rotating clip on the middle of the tube and make sure the magnet is attached to the fixture to prevent drooping and rotation.
 - c. The LED lamps are now fully installed.
 - d. Reattach the fixture lens, if present.
6. Restore power to the luminaire
 - a. Restore power to the luminaire/circuit and test the light. If necessary, adjust the positions of the tubes.

⚠ 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.



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- 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.