



COLOR SELECTABLE LED T8 TYPE B TUBE W/ EMERGENCY BACKUP
WARNING, CAUTION, SAFETY AND INSTALLATION INSTRUCTIONS

WARNING

- Installation, service, and maintenance of luminaires should be performed by a qualified licensed electrician.
- Read these instructions carefully before installation.
- 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 of the retrofit kit.
- There is an emergency LED tube, installation instructions, luminaire marking labels, and miscellaneous hardware in this kit.

CAUTION

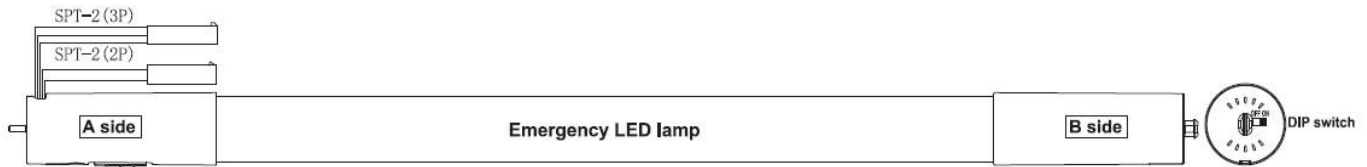
- Only those open holes indicated in the photography and/or drawing may be made or altered as a result of kit installation. Do not make any other holes in the wiring enclosure or components.
- Installers should not disconnect existing wires from lampholder terminals to make new connections at the lampholder terminals. Instead, installers should cut existing lampholder leads away from the lampholder and make new electrical connection to the lampholder lead wires by employing applicable connectors.
- Install this kit only in the luminaires that have the construction feature 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.
- FOR RETROFIT KITS CERTIFIED TO CANADIAN REQUIREMENTS: THE RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION. PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH THE APPLICABLE AND APPROPRIATE ELECTRICAL CODES. THE INSTALLATION GUIDE DOES NOT SUPERSEDE LOCAL OR NATIONAL REGULATIONS FOR ELECTRICAL INSTALLATIONS.
- LED retrofit kit installation requires knowledge of luminaire electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components.
- The retrofit position is located at the edge of the target luminaire with installed max of four LED tubes. LED tubes manufactured by PRECISION LIGHTING & TRANSFORMER INC, model PLTSP3E21X.
- This kit is intended to retrofit target luminaires with the following characteristics:
 - Surface mounted, Type IC or Type non-IC recessed mounted
 - With or without diffuser
 - Not dimmable
 - Max 4 LED tubes which are manufactured by PRECISION LIGHTING & TRANSFORMER INC (E4790302), Model PLTSP2E21X
 - The retrofit position is located at the edge of the four LED tubes
 - One single branch circuit as power supply connection
 - Refer to the below table for Min compartment dimensions
 - Max. mounting height: 8.07'

	Model Number	MINIMUM LAMP COMPARTMENT DIMENSIONS [length x width x height]	Max No.	Minimum Spacing between tube lamps, center to center (cm)	Dimmable?
Target Luminaire	PLTSP3P417	47.83x23.82x2.95in 1215x605x75mm	4	12	NO

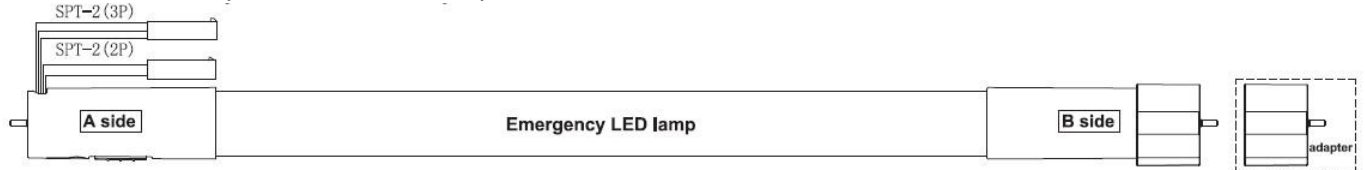


Installation Instructions

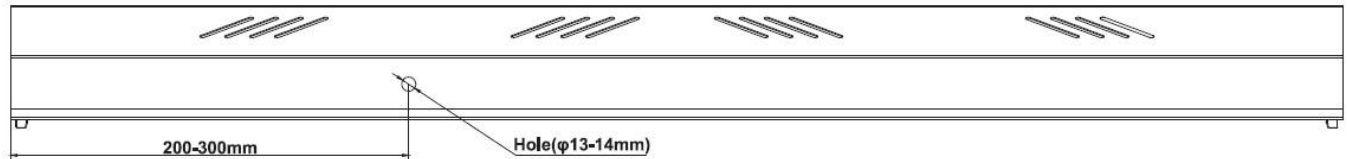
1. Turn the DIP switch at the B side to the "ON" position.



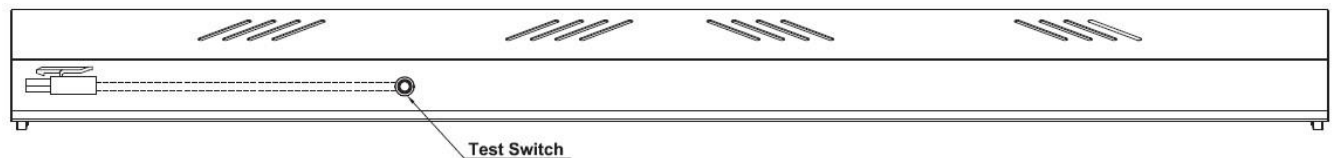
2. Combine the adapter and the end cap of B side.



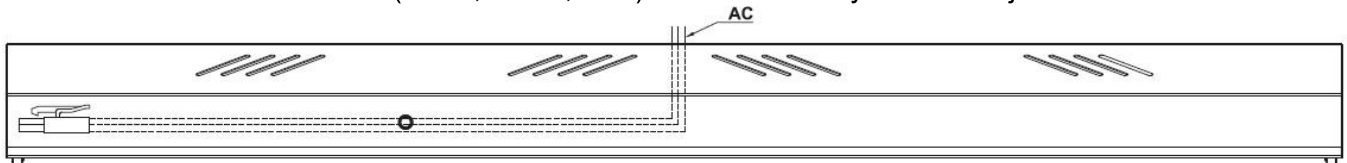
3. Disconnect power to the fixture.
4. Remove existing tubes, reflector, grille, and remove the lamp housing.
5. Open the Test Switch hole on the side of the fixture.



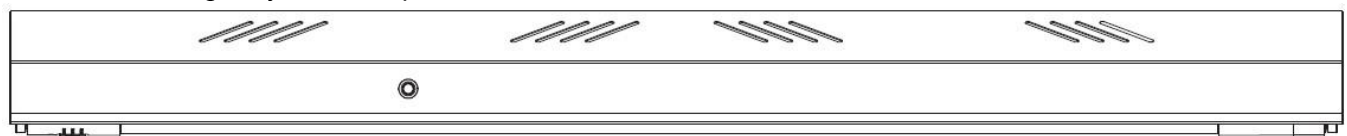
6. Install the external test switch.



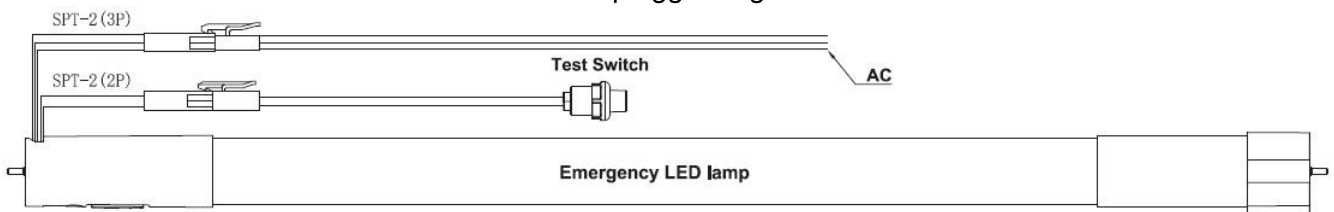
7. Connect the AC terminal wire (Black, White, Red) in the accessory box to the junction box.



8. Install the lamp housing, reflector, and existing tubes.
9. Install the emergency LED lamp.



10. AC & test switch terminal male and female are plugged together.

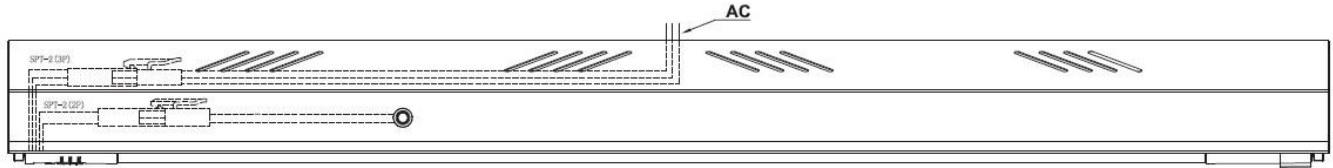




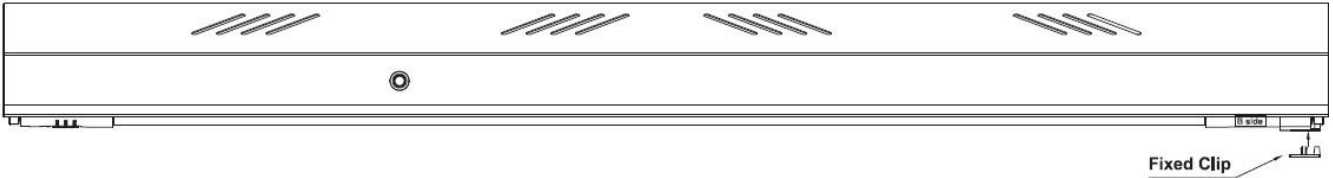
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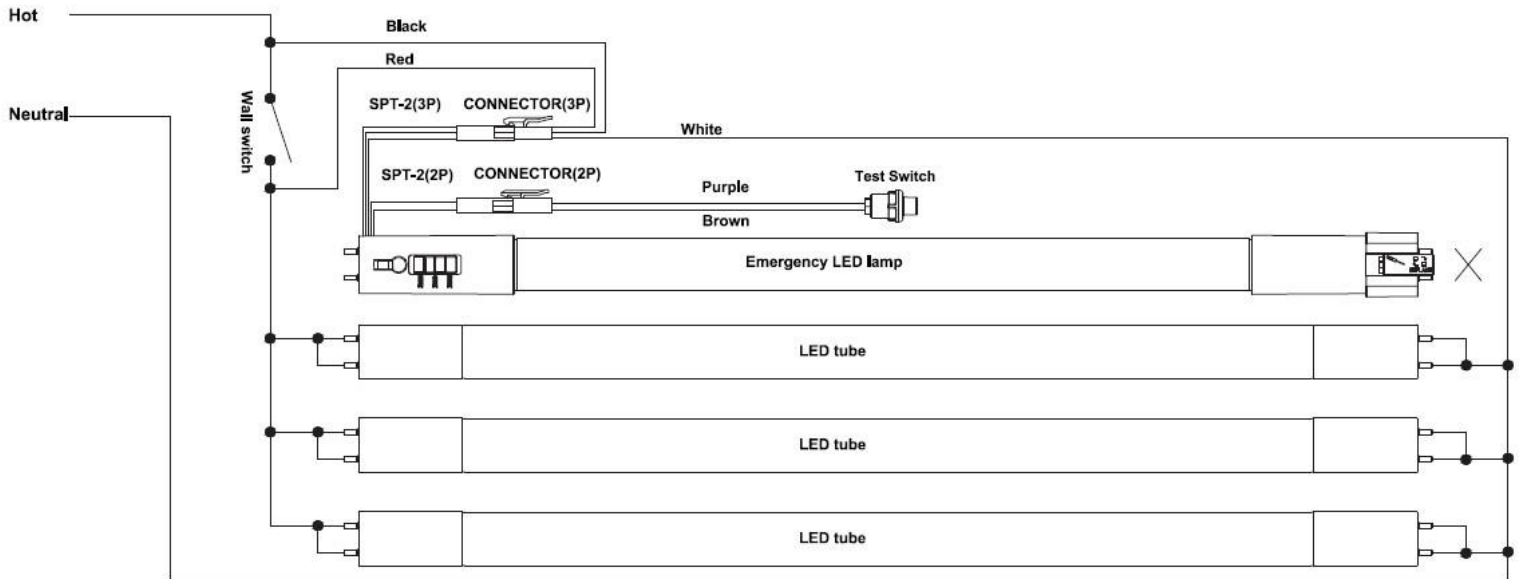
11. The AC wire and the test switch wire enter the interior of the fixture.



12. Install the fixed clip at the B side.



Wiring Diagram



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.



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- 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.