

SAFETY WARNINGS

IMPORTANT SAFETY INFORMATION

! DANGER Risk of shock. Disconnect power before installation.
DANGER- RISQUE DE CHOC- COUPER L'ALIMENTATION AVANT L'INSTALLATION

! WARNING Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Product must be installed in accordance with NEC or your local electrical code. If you are not familiar with these codes and requirements, contact a qualified electrician.

ATTENTION- Risque d'incendie ou de choc électrique. L'installation du kit upgrade LED exige la connaissance des systèmes électriques pour luminaires. Si non qualifié, ne tentez pas d'installation. Ce produit doit être installé conformément à NEC ou votre code électrique local. Si vous n'êtes pas familier avec ces codes et ces exigences, veuillez contacter un électricien qualifié.

! WARNING Risk of fire or electric shock. To prevent wiring damage or abrasion, do not expose wires to the edge of sheet metal or any other sharp objects.
ATTENTION- Pour éviter les dégâts de câblage par l'abrasion, ne pas mettre en contact les fils électriques avec des bords de tôle ou d'autres objets pointus.

! WARNING Risk of fire or electric shock. Check the existing wiring for damage before installing upgrade kit. Do not install if existing wires are damaged.
ATTENTION- Risque d'incendie ou de choc électrique. Vérifier si le câblage existant n'est pas endommagé avant l'installation du kit upgrade LED. Ne pas installer si des fils sont endommagés.

! WARNING Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of the LED upgrade kit. Check for enclosed wiring and components.
ATTENTION- Risque d'incendie ou de choc électrique. Câblage électriques peuvent être endommagés lors du perçage pour l'installation du kit upgrade LED. Vérifier les fils et composants.

! WARNING

Risk of fire or electric shock. Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings.
ATTENTION- Risque d'incendie ou de choc électrique. Installez ce kit seulement dans les luminaires qui ont les caractéristiques de construction et les dimensions dans les photographies ou les dessins de la page suivante.

Only the holes indicated in the photographs or drawings may be made or altered as a result of the kit installation. Do not leave any other holes open in a wiring enclosure or electrical component.
Seulement les trous indiqués dans les photographies ou les dessins peuvent être faits ou altérés pour l'installation du kit upgrade LED. Ne laissez aucun trou ouvert dans le compartiment électrique.

NOTE THE RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED AUTHORITIES HAVING JURISDICTION. LE NÉCESSAIRE DE MODERNISATION EST ACCEPTÉ À TITRE DE COMPOSANT D'UN LUMINAIRE LORSQUE LA PERTINENCE DE LA COMBINAISON DOIT ÊTRE DÉTERMINÉE PAR LES AUTORITÉS COMPÉTENTES.

UNPACKING THE KIT

Supplied Components

- (2) EVERLINE LED Lensed Module/Light Bars
- (1) EVERLINE Driver
- (1) BT-LRT-B Bluetooth Controller
- (1) Black and White Driver Input Extension Wires
- (1) Red and Blue Driver Output Extension Wires
- (3) Screws supplied per 4' Light Bar
- (2) Driver Screws (Serrated Washer)
- (2) Connectors (Orange 3-Position)
- (2) Connectors (Red, 2-Position)
- (1) Relamp label

Minimum Dimensions

For installation in a 2'x4' luminaire, the following minimum dimensions apply:

- 3" deep pan
- 3" wide minimum wiring compartment
- 43" minimum length to accommodate 4' light bars;

SUITABLE LUMINAIRE TYPES

MODEL #	FLUORESCENT LUMINAIRE TYPES	FRENCH TRANSLATION
LRKC24-40L8xx-U LRKC24-46L8xx-U LRKC24-60L8xx-U LRKC24-70L8xx-U	<ul style="list-style-type: none"> • 2x4 Troffers: Lensed or parabolic, Type IC or Type Non-IC, 40°C max ambient, requires minimum 3" depth. One kit per 2x4 troffer luminaire. • 4ft or 8ft vaportight, lensed, minimum 4" depth and 6.5" width, 40°C max ambient, one kit per vaportight luminaire. • 4ft or 8ft Striplight: Non-lensed, (minimum wiring compartment dimensions 2.5" depth and 4" width), 25°C max ambient, one LRKC24 per 4ft, one or two LRKC24 per 8ft striplight 	<ul style="list-style-type: none"> • 2x4 à lentille ou parabolique, Type IC ou de Type NON-IC, température ambiante max. de 40° C , profondeur min. de 3" • Lentille 4 pi. ou 8 pi. étanche à la vapeur avec profondeur min. de 4" et largeur de 6.5", température ambiante max. de 40° C • 4 pi ou 8 pi, sans lentille, réglette, (dimensions du compartiment de câblage min., 2.5 "de profond, 4" de large), température ambiante max. de 25° C

INSTALLATION



Step 1: Disconnect power to the fixture.

Step 2: 2x4 luminaire installations, locate latches on the lens frame and release. Swing lens frame open and carefully allow lens to hang open as shown in Figure 1.

NOTE: For vaportights and lensed wraparound installations, remove lens and set aside.

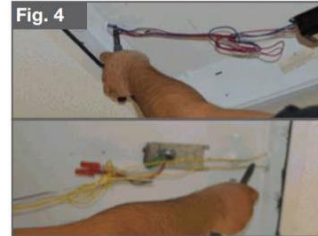
NOTE: For striplight and non-lensed wraparound installations go to Step 3.



Step 3: Remove existing linear fluorescent tubes as shown in Figure 2. Dispose of tubes per local regulations.



Step 4: Remove wiring compartment to access existing ballast and set aside. See Figure 3.



Step 5: Cut the leads from the ballast to the socket housing on both ends of the fixture as shown in Figure 4.

NOTE: Cut the leads at the socket housing as short as possible. Push the leads back behind the lampholder housing or cap any exposed leads. Lampholders may be removed but require removal of lampholder leads.



Step 6: Cut the leads from the input power to ballast. See Figure 5.

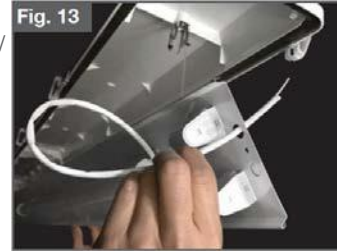
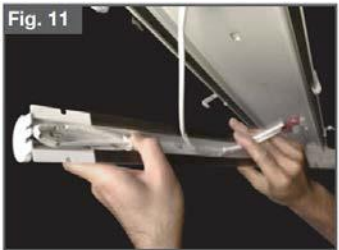
NOTE: Cut leads at the ballast leaving as much length as possible to facilitate installation of the driver. Strip wires as necessary



Step 7: Remove ballast by unscrewing from the fixture and dispose of properly per local regulations. See Figure 6



Step 4: Mount the parent light bar to the wiring compartment/gear tray cover and secure with the provided sheet metal screws. When installing a two light bar kit (LRKB24 series model), mount the light bars end-to-end in an 8ft vapor tight housing (Figure 9) and side by side in a 4ft vapor tight housing (Figure 10). When mounting the light bars end-to-end, tuck as much of the output leads as necessary into the light bar housing channel (Figure 11) before mounting the light bar to the wiring compartment/gear tray cover to reduce the amount of slack (Figure 12).



Step 5: Place wiring compartment cover/gear tray cover with attached light bars back onto luminaire housing and secure in place. Place lens back onto the fixture housing and secure in place with the luminaire's latches.