

SAFETY WARNINGS

IMPORTANT SAFETY INFORMATION

SUITABLE FOR DRY LOCATIONS.

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 luminaire 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 and lampholders before installing upgrade kit. Replace any damaged parts prior to installation.

Vérifiez le câblage et les douilles existants avant d'installer le kit de mise à niveau. Remplacez toute pièce endommagée avant de procéder à l'installation.

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, and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.

Installez ce kit uniquement sur les luminaires ayant les caractéristiques de construction et les dimensions montrées sur la photo et/ou sur les schémas, et si la tension d'entrée du kit de mise à niveau n'excède pas celle du luminaire.

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 BY CSA OR 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 LA CSA OU PAR LES AUTORITÉS COMPÉTENTES.

LED Driver Compatibility Requirements

Qty of Lamps	Kit Part Number	Driver Rating		Input Voltage	Drivers Catalog#
		Current	Voltage		
2	LR22T8-24L8xx-10DU	580mA	45V min	120-277V	D700C20UNVPW-C
	LR22T8-24L8xx-10DU-XCT				D700C20UNVPWX12-C
3	LR32T8-36L8xx-10DU	870mA	45V min	120-277V	D10CC30UNVPW-C
	LR32T8-36L8xx-10DU-XCT				D10CC30UNVPWX12-C
4	LR42T8-48L8xx-10DU	1160mA	45V min	120-277V	D15CC55UNVPW-C
	LR42T8-48L8xx-10DU-XCT				D15CC55UNVPWX12-C

xx: 35/3500K, 40/4000K, 50/5000K

Module p/n: LR2FT8M12L/8xxA

Bluetooth Control:

Included with models having the XCT suffix

Catalog #: BT-LRT-B

INSTALLATION

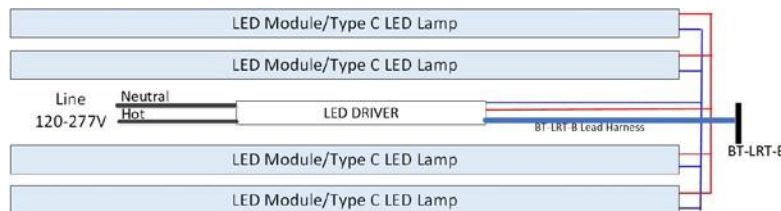
For installation in lensed or parabolic 2' x 2' or 2'x4' troffers. Type IC (Insulated Ceiling) or type Non-IC, 40°C max ambient. Requires minimum 3" depth.

- STEP 1: Disconnect Power to the fixture
- STEP 2: Remove existing lamps, ballast cover plate, and ballast. Leave existing wire in place and as long as possible. Replace lamp holders if necessary.
- STEP 3: Verify that the luminaire is connected to the ground wire from the AC supply.
- STEP 4: Secure the driver into the fixture. Use a self-tapping screw (not provided) if necessary.
- STEP 5: Connect existing leads to the driver as shown. The lamps are connected and operated in parallel for both ends of the lamps. Wires should be 18AWG solid conductor with ¼" strip length.
- STEP 6: Connect the BT-LRT-B controller and mount it adjacent to the LED tubes, outside of the ballast wiring channel in recessed troffers (where applicable).
- STEP 7: Insert the line and neutral wires into their connectors.
- STEP 8: Replace the ballast cover plate, take care not to pinch wires.
- STEP 9: Insert the lamps with the label side facing the back of the fixture.
- STEP 10: Place relamp label at a visible location in the fixture. Close or replace lens and secure latches or other fastening means.
- STEP 11: Restore power and confirm lamps are operating properly.

BT-LRT-B INSTALLATION (where applicable)

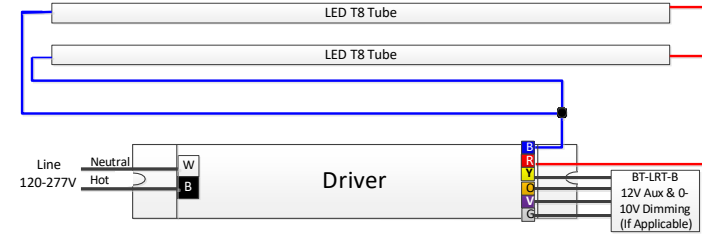
The sensor has a magnet which allows for it to be mounted to the metal tray or panel of the luminaire. The BT-LRT-B should not be mounted within the ballast channel where it is completely enclosed in metal. The leads of the BT-LRT-B are to be connected to the driver as shown in the wiring diagram.

For installation outside of the wiring channel of the fixture the leads should be routed away from the input power leads and not come in contact with the power leads. Leads should exit the end of the channel and the sensor be placed between lamps.

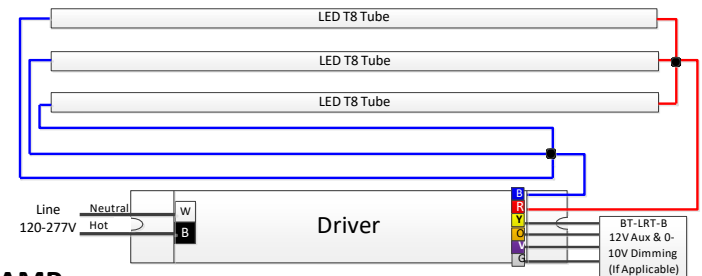


CONNECTION DIAGRAMS

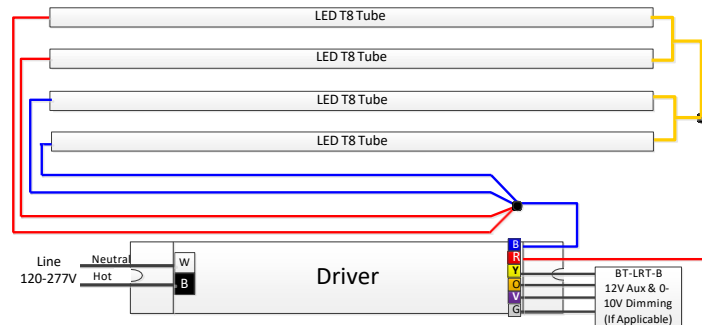
2-LAMP



3-LAMP



4-LAMP



Models without Controls have Violet and Gray leads for 0-10V dimming and do not have aux power.