



# LED Double Ended Type B T8 4 ft. Tubes

LED14BDT8/G/4/840

LED14BDT8/G/4/850

LED14BDT8/G/4/865



### BEFORE YOU BEGIN

Safety Precautions

**LED retrofit kit installation requires a knowledge of luminaire electrical systems. If not qualified do NOT attempt installation. Consult a qualified electrician to ensure correct branch circuit conductor.**

To install the type B LED T8, please read the entire installation guide carefully. To protect against future misapplication, install an in-line fuse; Type 2AG, rated at 1 Amp, 350Volts, Littelfuse part number 0209001 MXP or equivalent. Available as product code 39017, BT8-1AFUSEKIT.

Ensure that package includes installation guide, warning label to be attached to luminaire, LED T8 Tube.

Minimum fixture volume for 4 lamps is 48 inches long x 12 inches wide x 4 inches deep.

Product is not intended to be used with dimmers and emergency light luminaires. This LED T8 tube is not suitable for direct replacement of linear fluorescent lamp in luminaires where the lamps are connected to a ballast. The technical and safety requirements of the converted luminaire are the sole responsibility of the party doing the conversion and shall comply with the local applicable safety and regulatory laws and standards. The provided Warning label should be placed onto the converted luminaire to indicate the luminaire has been modified and can no longer be used with fluorescent lamps.



### WARNING: RISK OF FIRE OR ELECTRIC SHOCK

Install this kit on only luminaires that have the construction features and dimensions shown in the drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire. To prevent wiring damage or abrasion, do not expose wiring edges to sheet metal or other sharp objects. Installers should not disconnect existing wires from lamp holder terminals to make new connections at lamp holder terminals. Instead installers should cut existing lamp holder leads away from the lamp holder and make new electrical connection to the lamp holder lead wires by employing applicable connectors (or replace with new non-shunted lamp holders). THIS RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY THE AUTHORITIES HAVING JURISDICTION. Do not make or alter any open holes in an enclosure of wiring or electrical components during this kit installation. This lamp operates direct from 120-277V mains. Do not use ballast and/or starting aid. Do not connect to a voltage higher than 277 volts. To reduce risk of misapplication, install the Fuse kit (BT8-1AFUSEKIT) in series with the phase or hot lead and the SHUNTED (Instant Start style) lamp holder(s) per the wiring diagrams below. Only one fuse kit is needed for up to 4 tubes in the same fixture. Ensure the lamp holders are SHUNTED for Double end T8 applications.

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-Apply provided re-lamp warning sticker onto the fixture in a location where readily visible by the user during and after installation

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-This luminaire has been modified and can no longer operate a fluorescent lamp. Only use the replacement LED T8 type or contact manufacturer for more information