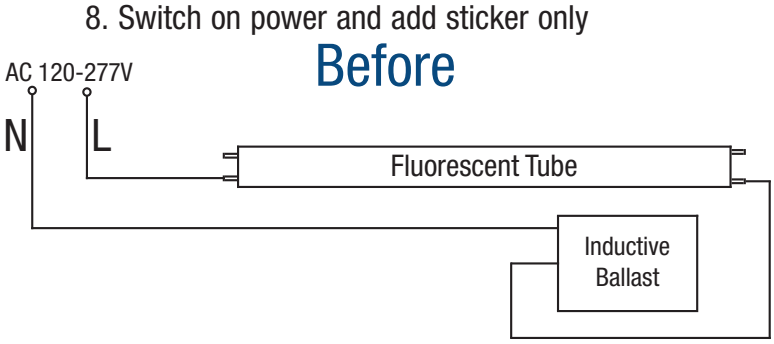
energy harness
LED LIGHTING SOLUTIONS

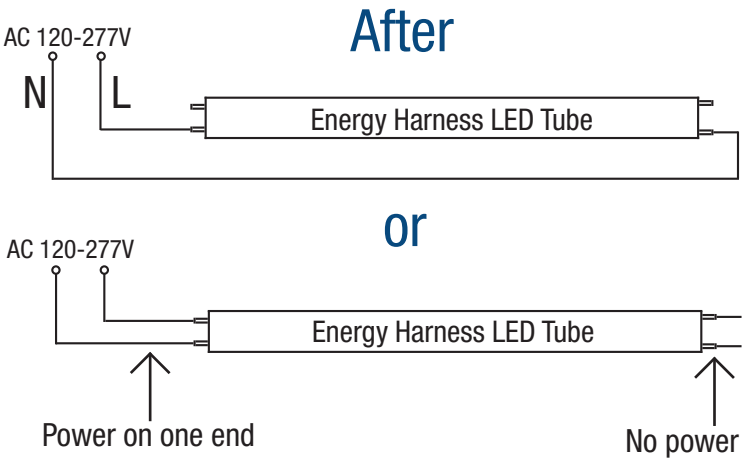
Universal-Ended LED Tube Installation Guide

Instructions

Note: Ballast must be removed for all universal-end tubes.

1. Switch off power
2. Remove fluorescent tube
3. Remove ballast/wiring cover
4. Cut off all wires connected to ballast and remove ballast completely
5. If single ended power: Connect “L” (line/hot) and “N” (neutral) to each non-shunted tombstone in one end of fixture
   If double ended power: Connect “L” (line/hot) and “N” (neutral) to each tombstone in both end of fixture
6. Replace wire cover
7. Install LED tube
8. Switch on power and add sticker only





Warnings

WARNINGS, CAUTIONS AND OPERATING INSTRUCTIONS WARNING: “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.”

1. Risk of fire or electric shock. Not for direct replacement of fluorescent lamps.
2. Risk of fire or electric shock. Luminaires wiring, ballasts, or other electrical parts may be damaged when installing reflector kit hardware. Check for enclosed wiring and components.
3. Risk of fire or electric shock. Reflector kit installation requires knowledge of fluorescent lighting electrical systems. IF YOU ARE NOT QUALIFIED, DO NOT ATTEMPT INSTALLATION. CONTACT A QUALIFIED ELECTRICIAN
4. To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

DANGER - RISK OF SHOCK - DISCONNECT POWER BEFORE INSTALLATION

WARNING - Risk of fire or electric shock. Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings

SUITABLE FOR DRY OR DAMP LOCATIONS. DO NOT USE WITH DIMMERS.

THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY LIGHTS.

Lamps must be operated within an ambient fixture temperature of -22˚F and 113˚ F to ensure UL compliance.

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