Thank you for purchasing HyLite OptiMax™ LED Tube Light and for investing in the future of eco-friendly products. By selecting HyLite OptiMax™ LED Tube Light you have chosen a high-quality, eco-friendly product that is designed for years of Dependable Performance. We trust you will experience years of Reliable Service from it. This guide explains the Steps necessary to Install or Retrofit the T8/T10/T12 Tube Lights to ensure Optimal Performance. This guide is for reference only and is intended for Qualified Electricians or Lighting Technicians. HyLite OptiMax™ LED Tube Lights are intended to Retrofit Maximum Four Lamps, Surface Mount, or Non-IC Recessed Mount Fluorescent Luminaries that use Straight Tubular Tube Lights.

**IMPORTANT SAFETY INSTRUCTIONS**

- Read and Understand the detailed Installation Instructions before installing the HyLite OptiMax™ LED Tube Light.
- HyLite OptiMax™ LED T8 Tube Lights are designed to work with Electronic/Magnetic Ballasts (Check the Ballast Compatibility List) or AC Direct Wire. Works with Single-end (either side) and/or Double-end Power Input. Risk of Fire or Electric Shock. Read and Understand all Installation Instructions before installing HyLite OptiMax™ LED T8 Tube Lights. Use in Dry or Damp locations only.
- Disable all Power to the Fixture before Inspection, Installation, or Removal. Failure to do so will create a Hazardous and Fatal Working Environment.
- Do Not Make or Alter any Open Holes in an Enclosure of Wiring or Electrical Components during Installation.
- Do Not Open – No User Serviceable Parts inside.

**WARNING:**

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- Do Not Make or Alter any Open Holes in an Enclosure of Wiring or Electrical Components during Installation.
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- Do Not Make or Alter any Open Holes in an Enclosure of Wiring or Electrical Components during Installation.
- Do Not Open – No User Serviceable Parts inside.

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**Type A - Assembly Introduction:**

![Type A Installation Guide]

**Type A Installation Guide:**

1. Switch-off Power to the Luminare.
2. Remove Diffuser (if provided).
3. Remove the existing Fluorescent Lamps from the Luminare.
4. Install the LED Tube Lamp.
5. Install Diffuser (if removed in step 2).
6. Switch on Power to the Luminare.
7. Before Installation, please check Specifications for the most Current Ballast Compatibility List. If not Compatible, please insert LED Tubes according to Type B Installation Instructions.

**Type B - Assembly Introduction:**

![Type B Installation Guide]

**Type B Installation Guide:**

1. DISCONNECT POWER TO LUMINAIRE
   - Disconnect Power to Luminaire or Circuit (if possible). Ensure all Power is OFF by using a Voltmeter or other approved method to confirm.
2. REMOVE EXISTING TUBE LAMP(S)
   - a. Remove Troffer Lens, if present.
   - b. Remove existing Fluorescent Tube by Rotating One-quarter turn and sliding Lamps.
   - c. Remove Ballast Cover. (Cover may be secured with Screws or Tabs).
3. RETROFIT LUMINAIRE - Retrofit Luminare with Inductive Ballast
   - Disconnect the Wires between Starter and Ballast according to the figure on the right.
   - Connect two Wires to Branch Circuit L and N according to the figure on the left.
   - Or

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**HyLite OptiMax™ LED Tube Lights**

**Installation/Retrofit Guide**

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**Note:** If the Tube is installed as Type B, the Luminare, once modified as a Retrofit Fixture, will no longer operate Fluorescent Lamps. Not Suitable for Use with Dimmer.
3 b. RETROFIT LUMINAIRE - Retrofit Luminaire with Electronic Ballast

Disconnect the Wires between Ballast according to the figure on the right.

Connect two Wires to Branch Circuit L and N according to the figure on the left.

3 c. RETROFIT LUMINAIRE - Retrofit Luminaire with Two Lamps and One Electronic Ballast

Disconnect the Wires between Ballast according to the figure on the right.

Connect two Wires to Branch Circuit L and N according to the figure on the left.

3 d. RETROFIT LUMINAIRE - Retrofit Luminaire with Three Lamps and One Electronic Ballast

Disconnect the Wires between Ballast according to the figure on the right.

Connect two Wires to Branch Circuit L and N according to the figure on the left.

3 e. RETROFIT LUMINAIRE - Retrofit Luminaire with Four Lamps and One Electronic Ballast

Disconnect the Wires between Ballast according to the figure on the right.

Connect two Wires to Branch Circuit L and N according to the figure on the left.

4. INSERT LED TUBES

a. Ensure both the ends of the LED Tube are aligned with Socket, then insert LED Lamp in the normal way by sliding Pins into Sockets and rotating a quarter turn until the LED Tube locks in place.

b. LED Lamps are now fully installed.

c. Replace Troffer Lens, if present.

d. After modification completed, Attach the Replacement Marking and Cautionary Label to a visible place on the Luminaire and keep it visible after installation.

5. RESTORE THE POWER OF LUMINAIRE

Restore Power to Circuit/Luminaire and test Light. If necessary, adjust position of LED Tube, and enjoy your new HyLite OptiMax™ LED Tube!

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