



# T5 - A5 LED LAMPS

## External Power Supply

### WARNING

#### RISK OF ELECTRICAL SHOCK IMPORTANT SAFEGUARDS

##### READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

This equipment meets UL standards for installation in existing luminaires using G5 Bi-pin - non shunted sockets. To ensure safety and rated lifespan, this product must be installed according to these instructions by qualified electrician only.

Do not use this equipment for other than the intended use.

For installation of T5 - A5 Series - UL Type C models using DOUBLE END POWER CONNECTION and EXTERNAL POWER SUPPLY

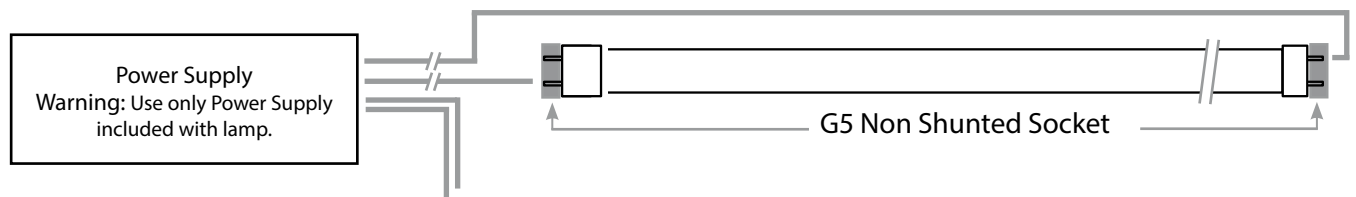
#### Installation Instructions

1. Disconnect electrical power to luminaire (fixture).
2. Inspect existing sockets to ensure that sockets are G5 bi-pin, non-shunted type and that they are intact and undamaged.
3. Cut or disconnect wiring to existing ballast. Remove ballast and dispose of properly. Install supplied power supply in same location.
4. Using existing wire, connect line voltage (120-277VAC) and neutral wire to power supply as shown in Wiring Installation Diagram below.
5. Using #18AWG/UL1569 (or better) wire, connect power supply to G13 socket as shown in Wiring Installation Diagram below using UL approved wire nuts or quick connectors.
6. Install the lamp into sockets by inserting pins into socket and turning 90 degrees to secure.
7. Ensure that sockets and wiring are secure and attached properly to the luminaire enclosure.
8. Adhere the supplied retrofit warning label to a visible location on the luminaire enclosure.
9. Reconnect electrical power to luminaire fixture.

#### WARNINGS:

1. WARNING - Risk of fire or electrical shock. Installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
2. WARNING - Risk of fire or electrical shock. Install only in luminaires that have the construction features and dimensions typical of conventional fluorescent luminaire fixtures.
3. Risk of electric shock - Use in dry location only.
4. Risk of electric shock - Use un-shunted G5 sockets only. Use supplied power supply only. Do not use any other power supply or related devices.
5. This LED T5 lamp is not intended for use in emergency exit lights.
6. This LED T5 lamp is not suitable for high bay applications or for operation in high ambient temperatures.

#### Wiring Installation Diagram



#### Notes for optional dimming models:

1. 0-10V dimming version is identifiable by additional Purple/Gray wires.
2. Dimming is compatible with most 0-10V analog signal type dimmers. Recommended dimmer is Leviton IP710 or equivalent.
3. 0-10V dimmer is not intended to dim below approx. 5% @ 0V or 10% @ 1V.
4. 0-10V dimmer output will be 100% with Purple/Gray open and minimum with Purple/Gray shorted.

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