



Hudnut Company, Inc.

11916 NE Sumner St.  
Portland, OR 97220

# LED Tube Light Retrofit Instructions

## Electrical Characteristics

Model	Voltage	Wattage
TL24	120-277VAC	9w
TL36	120-277VAC	15w
TL48	120-277VAC	18w
TL60	120-277VAC	22w
TL72	120-277VAC	26w

### IMPORTANT

READ CAREFULLY BEFORE INSTALLING LAMP. RETAIN INSTRUCTIONS FOR FUTURE REFERENCE.

HUDNUT TUBE LIGHTS ARE POWERED FROM ONLY ONE END TO PREVENT SHOCK HAZARD FROM EXPOSED AND ENERGIZED PINS.

*All Hudnut lamps must be wired in accordance with the National Electrical Code and applicable local codes. Proper grounding is required for safety. Retrofit should be performed by a qualified electrician. Not for use with a dimmer. Product may be installed on a occupancy switch.*

**WARNING: MAKE CERTAIN POWER IS OFF BEFORE INSTALLING OR MAINTAINING FIXTURE.**

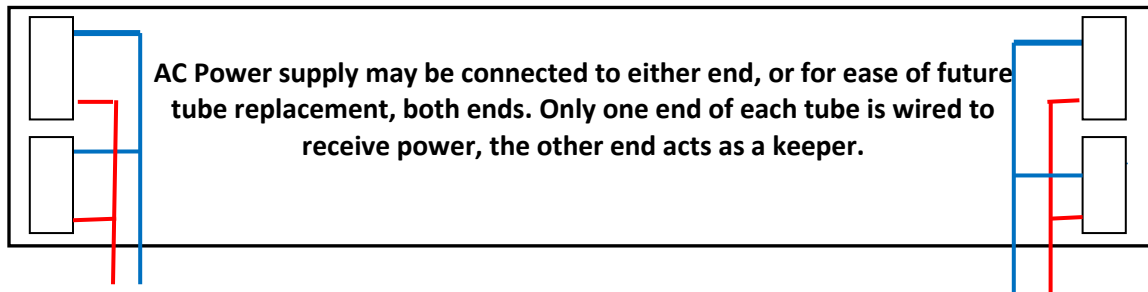
**(1) Turn off all power to the lamp fixture.**

### **(2).Installation**

**Step 1:** Remove ballast and starter where applicable, and the corresponding wires including branch circuit wires and ballast wires. If existing lamp holder terminals are shorted by a jumper (as in instant start circuit), then remove the jumper.

**Step 2:** According to the Schematic wiring diagram, connect power supply (85-277VAC) leads to either lamp holder at the end of fixture.

## Wiring diagram:



### Step 3: Lamp Replacement Marking Label

After modifications are complete, affix the Lamp Retrofit Label on fixture beneath the tube light.

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE BUILDING CODES AND BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

**WARNING** - Risk of fire or electric shock. Reflector kit installation requires knowledge of fluorescent lighting luminaries electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

**WARNING** – To prevent wiring damage or abrasion, do not expose wiring to sharp edges of sheet metal or other sharp objects.

**WARNING** - Risk of fire or electric shock. The electrical rating of these products are 120-277VAC, the installer must determine whether they have proper voltage at the luminaire before installation.

After retrofit luminaire has been modified, and can no longer operate the originally intended lamp. Place enclosed warning label on fixture beneath tube.

This device is not intended for use with emergency exits.

These lamps work on line voltage and require all ballasts and starters to be removed before the bulb is to be installed in the fixture.