

# INDAK Manufacturing Corporation

## INSTALLATION INSTRUCTIONS

### INDAK 2x2 and 2x4 LED Troffer Lights

#### SAVE THESE INSTRUCTIONS



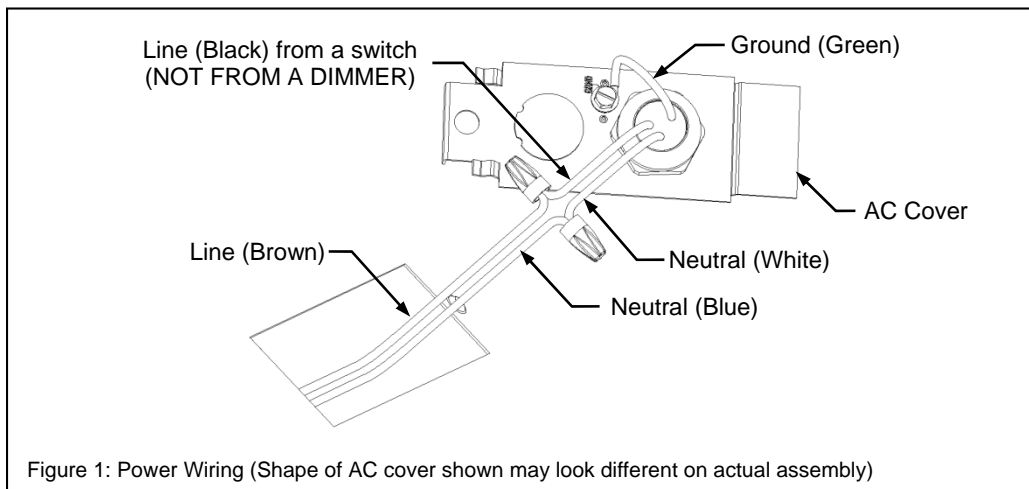
#### IMPORTANT SAFETY INFORMATION

For your protection, read instructions before installation. To be installed by a qualified technician. Gloves should be worn to protect hands from sharp edges. Protective eyewear should be worn to prevent eye injuries.

1. Electric current can cause serious injury, or death. For your safety, remember the following:
  - Turn off power to the fixture circuit.
  - Ground the fixture to avoid potential electrical shocks.
  - Do not handle a fixture that is on.
  - Check all electrical connections to be sure they are tight and correct.
2. Specific safety information concerning fixture:
  - Do not remove or install fixture when power is on.
  - Protect fixture from direct contact with water.
  - Do not operate fixture without covers in place.
3. Install and wire fixture per all applicable national and local electrical codes. **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.**
4. **⚠ CAUTION: RISK OF FIRE.** Fixtures are rated for use in 110-270 V, 50-60 Hz protected circuit and 90°C rated supply wire. Most buildings built before 1985 have supply wire rated 60°C. Consult a qualified technician before installation. Prior to installing the fixture, check fixture for any signs of damage due to shipping. If damage has occurred, please contact the place of purchase. They will assist you in replacement or repair, if required.

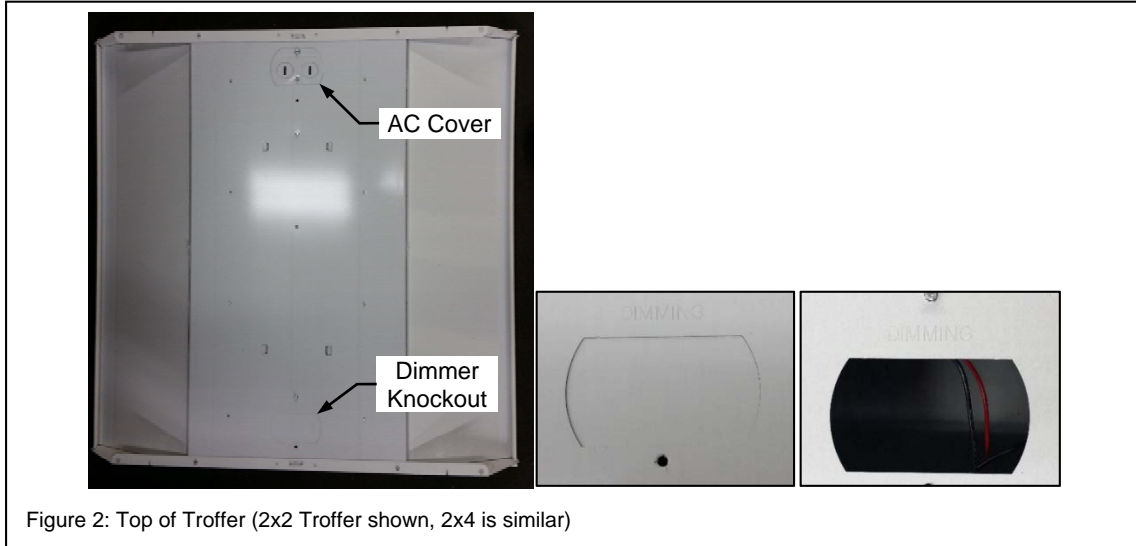
#### Installation

1. **Mounting.** The fixture is designed to be installed into a standard NEMA Type "G", T-bar system.
2. **Power Wiring.** To connect AC power, remove AC cover [Figure 1], knockout one location and install appropriate strain relief bushing for the hole size provided. Make power connections per national and local electrical codes. **AC POWER MUST NOT BE SUPPLIED FROM A DIMMER!** Route power supply through strain relief and tighten strain relief. Connect supply ground to ground screw provided, supply neutral to neutral wire in box and supply voltage line to voltage wire in box. Replace AC cover when all connections have been made.



### 3. Dimmer Wiring.

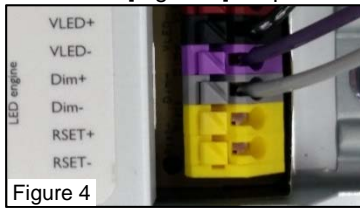
- a. Locate and remove the dimmer knockout in the housing [Figure 2].



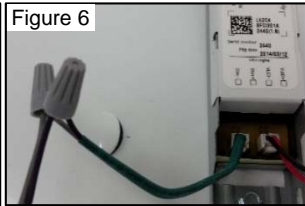
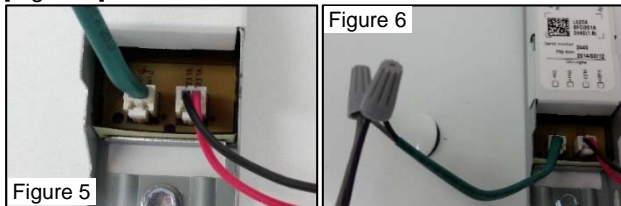
- b. Remove the conduit knockout from the access plate (supplied) and install the access plate into the housing using a hex screw (supplied) [Figure 3].



- c. For 2x4 Troffers: Install dimmer wires into the 0-10V “Dim+” and “Dim-” positions of the terminal block of the LED Driver [Figure 4]. Depress the buttons on the terminal block to install the wires.



- d. For 2x2 Troffers: Plug green dimmer connector wire (supplied) into 0-10V dimmer port of the LED Driver [Figure 5]. Connect dimmer wires to green dimmer wire using wire nuts or UL listed connector (not supplied) [Figure 6].



- e. Run the dimmer wires through the appropriate conduit (not shown) per all local codes [Figure 7].

