

LED Tubes Indoor Luminaires Striplight 120-277VAC / 60Hz

Model #: ST2L48

Safety Precautions

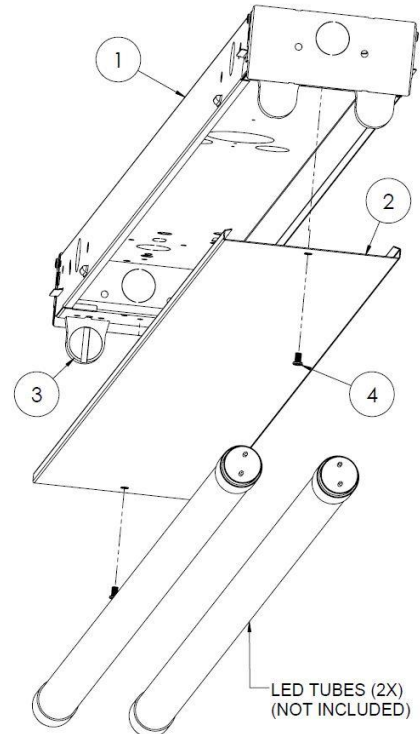
- Read all safety precautions and installation instructions carefully before installing or servicing this fixture. Failure to comply with these instructions could result in potentially fatal electric shock and/or property damage.
- It is recommended that a qualified electrician perform all the wiring. This fixture must be wired in accordance with all national and local electrical codes.
- Do not handle any energized fixture or attempt to energize any fixture with wet hands or while standing on a wet or damp surface or in water.
- This fixture is designed for use in a 120-277VAC / 60Hz circuit. This fixture is not dimmable.
- Make sure that the power source conforms to the requirements of the fixture. (See labels on the fixture housing).
- To reduce the risk of electrical shock, and to assure proper operation, this fixture must be adequately grounded. To accomplish proper grounding, there must be a separate ground wire (green) contact between this fixture and the ground connection of your main power supply panel.
- This fixture is intended to be used for general indoor lighting in dry or damp locations.

Assembly Instructions

Step 1 – Preparing for installation

- Disconnect electrical power** at the fuse or circuit breaker box before installing or servicing.
- Carefully remove the fixture and hardware kit from the carton.
- Remove components from the hardware kit.
- Remove the cover (2) from the channel (1) by removing four screws (4).
- Snap all pre-wired lamp holders (3) into the channel (1) to secure it in place.
- Remove the appropriate knockout(s) for power supply entry.
- To locate the mounting position, hold channel (1) against the ceiling with the power supply knockout aligned over the entry point for the supply wires. Mark the mounting hole locations on the ceiling. Remove the channel (1) and use a nail or awl to make a small hole at each mark to check for a wood joist. If a joist is present, use suitable wood screws (not included) to secure channel (1). If no joist is present, use appropriately sized toggle bolts (not included) to fasten the channel (1) securely to the ceiling. Proceed to Step H before completing the final installation.
- Feed the black and white supply power source and the green ground wire into the fixture through the open knockout hole. Finish mounting the channel (1) to the ceiling.

View shown for reference only.
Individual models may vary.



Wiring – All wiring must take place inside the channel or junction box (not included)

Caution: Make sure power is off at the fuse or circuit breaker box. Check power wires for damage or scrapes. Use wire suitable for at least 90°C (194°F).

Note: Most dwellings built before 1985 have supply wire rated to 60°C. Consult a qualified electrician to ensure correct branch circuit conductor before installing.

Step 2 – Wiring fixture

- Make all wire connections to appropriate wire. Secure with wire nuts (provided).
- Connect the green wire from the fixture to the supply source ground wire.
- For Single Ended Lamps:** Connect the **black** wire from the fixture to the **black (L)** wire from the supply power source. Connect the **yellow** wire from the fixture to the **white (N)** wire from the supply power source. Cap the **white** wire from the fixture with a wire nut; no connections is required.
- For Double Ended Lamps:** Connect the **black** wire from the fixture to the **black (L)** wire from the supply power source. Connect the **white** wire from the fixture to the **white (N)** wire from the supply power source. Cap the **yellow** wire from the fixture with a wire nut; no connections is required.
- Do not mix wires.** Pull on each wire lead to make sure connections are secure. Make certain no bare wires are exposed outside of wire connectors. Tuck all connections neatly into the junction box.

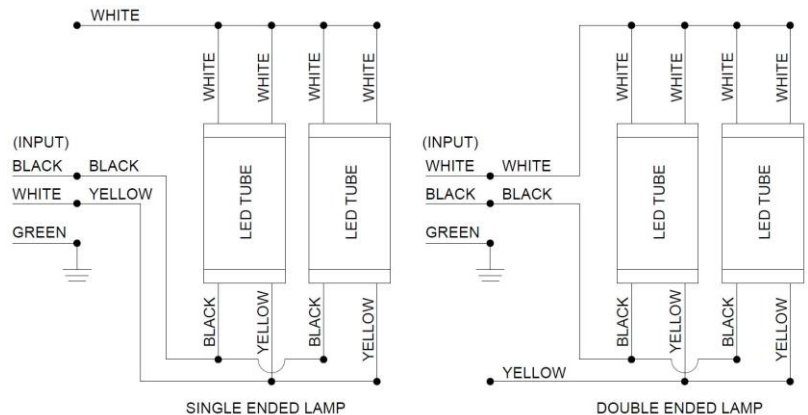
Step 3 – Install channel covers

- Install the channel cover (2) by positioning one edge over the channel and hooking it around the edge. Gently squeeze the channel to snap the opposite edge of the cover into place around the channel. Secure the cover using two screws (4). Repeat this step for the second cover until both covers are installed.

Step 4 – Lamping

- Install two LED tubes, 4 ft. T8 G13 Type B, 24W max. (not included), into the lamp holders. Insert each tube and rotate 90° clockwise until securely seated. Repeat until all tubes are installed.

Step 5 – Restore power at the fuse or circuit breaker box



Limited Factory Warranty

AFX Inc. hereby warrants that this fixture is free from defects in materials and workmanship when installed and used under normal operating conditions for a period of 5 years from date of purchase. This warranty covers all component parts and extends only to replacement of defective fixture or components; it does not cover failure due to improper installation, misuse, mishandling or damage incurred in transit.