

## For use with Direct Wire LED Tubes

## 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 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, 50/60Hz fused circuit. The 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 outdoor lighting in wet locations, mounted at least 48 inches above ground level.

## Assembly Instructions:

## 1. Preparing for installation:

- Disconnect electrical power before installing or servicing any part of this fixture.
- Remove the appropriate knockout(s) for power supply entry.

## 2. Fixture assembly:

- Stretch pre-wired socket(s) (2) out past each end of channel (1).
- If not completed, snap socket bar (3) into slotted openings in channel (1) (Both ends).
- If not completed, snap end cap (4) into position and secure with one 8-32 screw (6) (supplied) (Both ends).
- Install sockets (2) into lamp holder slots in socket bar (3) by sliding sockets up and through until the tabs are engaged.

## 3. Fixture mounting:

- To locate, hold channel (1) up to ceiling with power supply knockout located over entryway for power supply wires. Mark the locations of the mounting holes on the ceiling. Take the channel (1) down and punch a small hole into the ceiling at each location using a nail or an awl to see if there is a wood joist. If there is a joist use a suitable wood screw (not included) to mount the channel (1). Where there is no joist to screw into use a toggle bolt (not included) of suitable length to mount channel (1) securely to the ceiling. Proceed to step B before final mounting.
- Feed the black and white supply wires and the green ground wire into the fixture (1) through the open knockout hole. Finish mounting the channel (1) to the ceiling.

## 4. Wiring:

**Caution:** Make sure power is off at fuse or circuit breaker box. Check power wires for damage or scrapes. If power supply wires are within three inches of ballast, use wires suitable for at least 90C (194F). Note: Most dwellings built before 1985 have supply wire rated to 60C. Consult a qualified electrician before installing

A. This unit will not operate properly unless connected to a "grounded" electrical circuit. Securely attach green (or green and yellow) wire to the provided green ground screw.

B. For Single Ended Lamps:

- Connect input **BLACK (H)** supply wire to **BLACK** fixture lead.
- Connect input **WHITE (N)** lead to **YELLOW** fixture lead.
- WHITE** fixture lead is to be capped with a wire nut for no connection.
- Pull on each wire lead to make sure connections are secure.

For Double Ended Lamps:

- Connect input **BLACK (H)** supply wire to **BLACK** fixture lead.
- Connect input **WHITE (N)** lead to **WHITE** fixture lead.
- YELLOW** fixture lead is to be capped with a wire nut for no connection.
- Pull on each wire lead to make sure connections are secure.

C. Install wire way cover by laying one edge down and around edge of channel then snap opposite edge of cover down around edge of channel.

## 5. Lamping

- Install appropriate lamp(s) (not included) by inserting lamp pins into lamp holder. Rotate into place to seat lamp for proper connection.
- Restore power at fuse or circuit breaker box.

## Limited Factory Warranty

AFX Inc. hereby warranty 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 shipment from factory. 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.

