

# INSTALLATION INSTRUCTIONS LINEAR FLUORESCENT HIGH BAY

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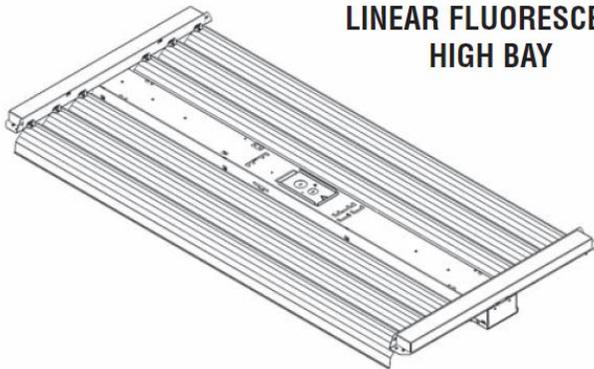
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## LINEAR FLUORESCENT HIGH BAY



### CAUTIONS

#### IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed, including the following:

#### READ AND FOLLOW ALL SAFETY INSTRUCTIONS

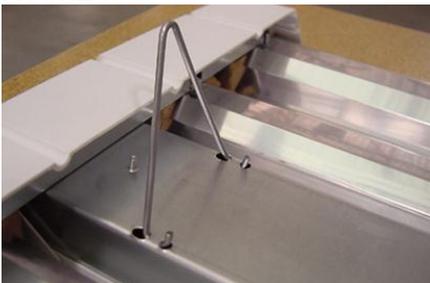
1. Turn off power supply to avoid the risk of electrical shock. This product must be wired in accordance with the National Electrical Code and applicable local codes and ordinances. Proper grounding is required to ensure personal safety. A qualified electrician should do all work.
2. Mount fixture a minimum distance of 7 1/2" (19.1 cm) below ceiling.
3. Power cords should be suspended and not placed on the fixture.
4. NOT INTENDED FOR USE IN ENVIRONMENTS CONTAINING AIRBORNE CORROSIVE AGENTS SUCH AS CHEMICAL SOLVENTS, CLEANERS OR CUTTING FLUIDS.

#### SAVE THESE INSTRUCTIONS

#### FIXTURE INSTALLATION

1. Remove tape and position hanger as shown. (Figure 1)
2. Fixture may then be suspended from the mounting surface by looping customer supplied chain or cable (Catalog #: E-LNACSC5) through each hanger on either end or using customer supplied hook.

FIGURE 1



#### CORD AND PLUG INSTALLATION (WHEN FIELD INSTALLED)

Consult catalog or customer service for cord accessories.

1. Remove knockout on wiring access cover. (Figure 2)
2. Place supplied strain relief on end of cord approximately 1/2 inch above stripped end.
3. Insert strain relief and cord into 3/4 inch opening in wiring access cover.

#### ELECTRICAL CONNECTIONS

1. Electrical connections can be made through the 3/4" knockout on the wiring access cover located on the back of the fixture. (Figure 2)
2. Remove the wiring access cover located on the top of the fixture.
3. Complete electrical connections by connecting incoming supply line conductor (Hot) to fixture's black lead, the incoming supply line neutral to fixture's white conductor(s), and the building ground to the fixture's ground conductor.
4. Replace wiring access cover and secure with screw.

FIGURE 2



Wiring Access Cover

#### SAFETY CABLE (E-LNACSC5) SOLD SEPARATELY

1. Thread tail (loop) of the cable around (or through the anchor point). **NOTE: Reference instructions included with the safety cable for additional methods of securing the cable.**
2. Pass the tail through the ferruled loop and pull tight.
3. Push the rope tail end through one channel of the Grippler.
5. Slide Grippler so that it is approximately 6" (15.2 cm) from the tail end.
6. Pass the rope tail through the 3/16" holes located on fixture housing. (Figure 3)
7. Return the rope to the Grippler and push through the second channel. Pull the required length of rope through to secure the fixture.

FIGURE 3



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## 2-LEVEL CONTROL OPTION (ONLY FOR MODEL WITH SENSOR)

**Please note:** Rated fluorescent lamp life is based on the number of starts of each lamp. Excessive cold starts can dramatically shorten the rated life of all linear fluorescent lamps. Both T8 and T5HO fixtures utilize programmed start ballasts when the 2-level option is selected. T8 lamps with instant start ballasts will only be supplied in fixtures that do not utilize 2-level switching control. If the 2-Level Control option is purchased, the occupancy sensor is built-in and pre-wired. The following adjustments are available:

- a. Time Delay – The time delay is factory set at 20 minutes and can be adjusted down to 0.5 minutes. **Remember, reducing the delay time in frequently occupied areas could result in excessive starts and shortening of lamp life. The factory set 20 minute delay time is recommended in such areas.**

### TIME DELAY ADJUSTMENT:

**120-277V:** To adjust the time delay, locate the adjustment dial on the front face of the sensor. Rotate dial to the desired time delay setting. (Settings for available time delays are found in a table on the face of the sensor.)  
Install lens on sensor.

2. Lamp Control – The quantity of lamps controlled is dependent on fixture type, see **Figure 4** and instructions below.
  - a. To set the sensor to control all lamps, set the control selector switch located on the top of the fixture to "0".
  - b. **For T-5 lamped fixtures:** To set the sensor to control all but two (2) lamps, set the control selector switch to "1". Setting the selector switch to "1" keeps the outer most lamps on at all times when power is applied to the fixture.
  - c. **For T-8 lamped fixtures:** To set the sensor to control half the lamps, set the control selector switch to "1". Setting the selector switch to "1" will keep every other lamp on at all times when power is applied to the fixture.
  - d. **For fixture with only two lamps:** There is no lamp control selector. Both lamps will be operated by the occupancy sensor.

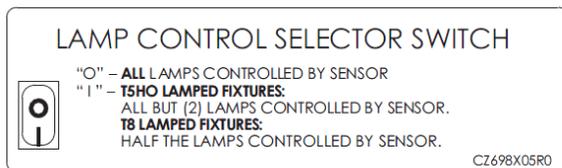


Figure 4 (120-277V)