



Before you begin.

Read these instructions completely & carefully.



WARNING

Risk of electrical shock. Disconnect power before servicing or installing.
Avertissement - Risque de choc électrique. Coupez l'alimentation avant l'entretien ou l'installation.



WARNING

Risk of injury. Wear safety glasses and gloves during installation and servicing.
Avertissement - Risque de blessure. Porter des lunettes de sécurité et des gants lors de l'installation et l'entretien.

DESCRIPTION

This kit will convert one (1) 8 ft T8 or T12 fluorescent "strip-type" luminaire into a T8 LED luminaire. This kit includes: one (1) Pre-wired Fixture Bracket Kit Socket Plate, eight (8) self-tapping screws, four (4) cover clips and four (4) LED lamps (tubes).

INSTALLATION

1. Remove the existing fluorescent lamps (tubes) from the fixture. Recycle them at your local recycling center.
2. Remove and set aside the existing Ballast Cover(s) if you intend to re-use them. If not, recycle them at your local recycling center. Remove the existing lamp socket plates. If the lamp holder socket plates are attached to the fixture housing, separate them from the end caps and set the end caps aside.
3. Once you insure that the power to the luminaire is disconnected, cut the wires that go from the power source to the ballast as close to the ballast as possible. Remove existing ballast and recycle at your local recycling center.
4. For 8 ft "strip-type" luminaires the Fixture Bracket Kit Socket Plates are divided into three (3) sections; two (2) end sections and one (1) center section. Bend the end and center sections on the socket plates back and forth until they separate. Follow this same procedure for the opposite end of the center section. see Figure 1.

NOTE: If you are installing the Conversion Upgrade Retrofit Kit on a 4-foot luminaire, you only need the two (2) end sections. Skip the instructions for the center section.

5. Bend the flexible tabs of all three sections of the Fixture Bracket Socket Plate approximately 90 degrees. See Figure 2.

NOTE: Check the width of the fixture housing! If the fixture housing is 4-inches wide, bend the socket plate as shown in Figure 2. If the Luminaire Housing is 5-inches wide, bend the Socket Plate at the next line, also shown in figure 2. Once bent, the Socket Plate should be just wide enough to wrap over the top of the fixture channel.

6. Attach the Socket Plate to the existing wiring: strip a small amount of insulation from the remaining wires to your power source, then plug the wires into to the unused side of the yellow "quick-connect". Use the black and white holes only. Do not use the red holes.

7. Starting at one end of the fixture housing, place one end Socket Plate piece at the edge of the fixture housing. The piece should wrap over the fixture channel with the socket openings facing the center of the fixture. Secure the Socket Plate using two self-tapping screws in the center of slotted holes on either side of the plate. Do not fully tighten the screws. Repeat process on the other fixture housing end.

8. Locate the center of the fixture housing by placing a mark approximately 48 inches from the left end of the fixture. Align the center Socket Plate over the mark using the two lamp sockets as a guide. Secure the Socket Plate using 2 self-tapping screws on each side through the center of the slotted holes. Do not fully tighten the screws.

9. Test the location of all Socket Plates by installing one LED lamp on each side of the fixture housing. Adjust the position of the Socket Plates as necessary, and fully tighten the screws. Remove the LED lamps.

10. If necessary, re-install the end caps in the existing holes on the fixture housing. **NOTE:** Some fixture housing may require you to invert the original fixture housing's end cap 180 degrees and "possibly" drill new mounting holes so it will fit and accommodate the left and right Socket Plates.

11. If using Ballast Covers - Align the slotted hole on the left-side Socket Plate to the 1/2" hole in the on of the Ballast Covers. See Figure 3. Insert one (1) Cover Clip through both the Ballast Cover and Socket Plate hole, then rotate the clip one quarter turn to lock in place. See Figure 4. Attach center of Ballast Cover to Center Socket Plate using another Cover Clip. Repeat on the second right side Socket Plate.

12. Re-lamp the light fixture with the new T8 LED lamps and restore the power.

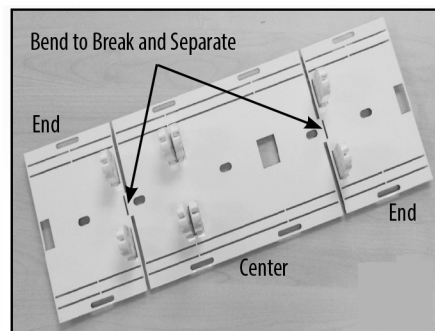


Figure 1. Preparing the Fixture Bracket Socket Plates for Installation.

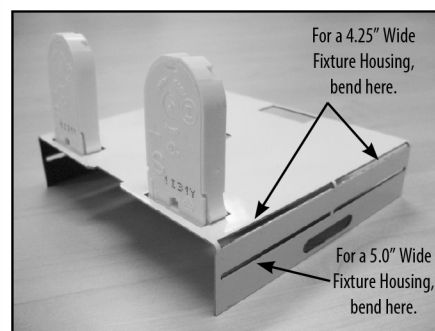


Figure 2. Bend the tabs on the Fixture Bracket Socket Plates 90 degrees.

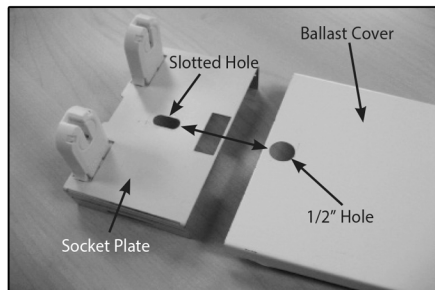


Figure 3. Align the slotted hole with the 1/2" hole on the Ballast Cover.

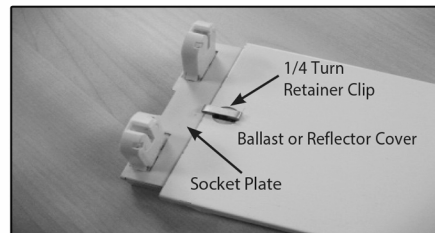


Figure 4. Connecting the end of the Socket Plate to the Ballast Cover using the Cover Clip.