

EfficientLights | LED Surface Mount Linear

**IMPORTANT:
CAUTION:**

Read **ALL** instructions before starting installation.

To reduce risk of shock, **TURN OFF ELECTRICAL SUPPLY** before installing / servicing the fixtures. Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation. Before installing the retrofit kit, please ensure to inspect any existing components being reused for the installation of the product (i.e., lampholders). If any of the parts are found to be damaged please repair or replace those parts prior to installation of the retrofit kit.

WARNING:

Fixture must be installed in accordance of National Electrical Code (NEC) and/or any local codes. *Failure to do so may result in serious injury and/or damage to the fixture.*

Recommended Tools

Hammer

Screw Driver
(Phillips)Wire
Stripper

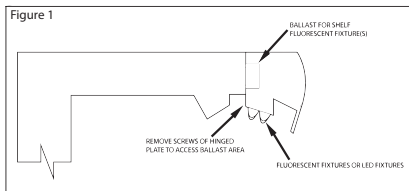
Wire Nuts



Safety Instructions

- Observe and follow all label information and instructions regarding dry, damp and wet location listings, proper lamp type and wattage, warnings of installation near combustible materials and/or insulation.
- Turn off power at circuit breaker before attempting to install or perform maintenance on the fixtures.
- Be sure to connect ground wire to prevent electric shock or other potential hazards.
- The product must be installed in a manner consistent with the intended use and in compliance with the national electrical codes and local codes.
- **WARNING: RISK OF FIRE.** Most dwellings built before 1985 have supply wire rated for 60°C. Consult a qualified electrician before installation. The fixture must be connected with supply wire rated for at least 75°C.

Removal Instructions



- Remove the existing lamp lens, lamp sockets and wire via manufacturer's instructions.
- Remove screws that hold the hinged cover to access ballast. Cover will rotate and hang in case (Figure 1.)
- Remove the existing fluorescent ballast (Figure 2.)
- Mount the 24 VDC Class 2 power unit/LED driver in the same place the ballast was mounted (Figure 3.)

Installation Instructions

- Install the LED light fixture in the same location as the fluorescent lamp tubes. Install the fixture using the appropriate type screws, bolts, or pop rivets on both ends of fixture (Figure 4.)
- Drill a 1/2" hole in the cover and insert supplied grommet. The two-conductor fixture wire will pass through the grommet into the raceway.
- Using UL approved connectors, connect one of the conductors of the two-conductor fixture wire to the positive (+) 24 VDC wire of the class 2 power unit and the other conductor to the negative (-) 24 VDC wire of the power unit.
- Connect power source to power supply using connectors that are UL approved.
- Check all wiring connections. Turn power on and check the LED fixtures for proper operation.

