

RDC + RDE

INSTALLATION INSTRUCTIONS



IMPORTANT: Read **ALL** instructions before starting installation.

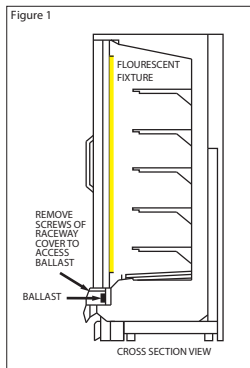
- WARNING:** Risk of fire or electric shock. To reduce risk, **TURN OFF ELECTRICAL SUPPLY** before installing/servicing fixtures.
- Install this retrofit kit only in luminaires used in refrigeration that have the constructional features and dimensions shown in the photographs and/or drawings.
 - Retrofit kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
 - Install this kit only in the luminaires that have the construction features and dimensions shown in the diagrams.
 - Luminaires wiring, LED Driver or other electrical parts may be damaged when drilling for installation of the retrofit kit. Inspect wiring and components for damage.

- WARNING:**
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
 - Fixture must be installed in a manner consistent with the intended use and 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.*

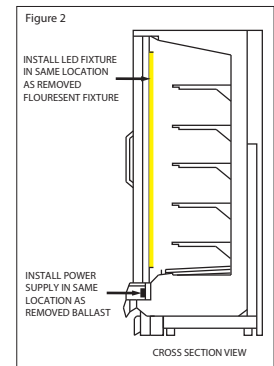
SAFETY INSTRUCTIONS

- 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.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- Only open holes indicated in the photographs and/or drawing may be made or altered as a result of the kit installation.
- Do not leave any other open holes in an enclosure of wiring or electric components.
- **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.

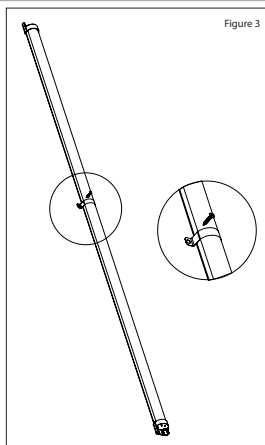
REMOVAL INSTRUCTIONS



- Remove the existing lamp, lenses, lamp sockets and wire via manufacturer's instructions. Existing wiring can't be reused and must be removed.
- Remove screws that hold the hinged cover to access ballast (Figure 1.) Disconnect wires from fixture ballast.
- Remove the existing fixture ballast.
- Mount the 24 VDC Class 2 power unit/LED driver in the same place the ballast was mounted for the fixtures.



INSTALLATION INSTRUCTIONS



- Install the LED light fixture in the same location as the fluorescent lamp tube that has been removed (Figure 2). Install two #10 screws or bolts (not provided) on each endcap so the fixture sits flush.
- For an additional point of security, install center bracket around fixture with provided hardware. (Figure 3).
- The two-conductor fixture wire will pass through the existing hole into the raceway. Cover the remainder of the hole with weather stripping or other suitable material.
- Using connectors that are UL approved and suitable for the location of the wiring, connect the red conductor of the two-conductor fixture wire to the positive (+) 24 VDC wire of the class 2 power unit and the blue conductor of the two-conductor fixture wire to the negative (-) 24 VDC wire of the class 2 power unit (Figure 4).
- Check all wiring. Turn power on and check the LED fixtures for proper operation.

