



**WARNING:**

Risk of electric shock. Before wiring to power supply, turn off electricity at the fuse or circuit breaker box.

**CAUTION:**

For your safety read and understand instructions completely before starting installation. Installation requires knowledge of luminaires electrical system. If not qualified, DO NOT attempt installation. Contact a qualified electrician if necessary.

**NOTE:** Before beginning the installation, carefully unpack and identify all parts.

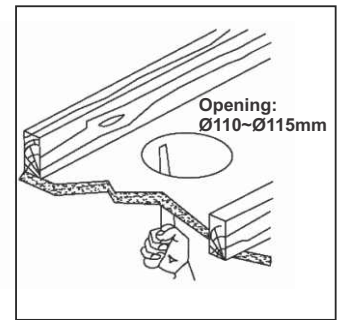
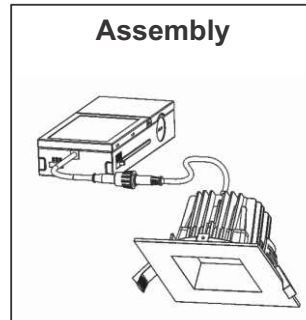
**Rated Voltage for ERT434CT5XX — 120VAC, 60Hz**  
**Rated Voltage for ERT487CT5XX — 100-277VAC, 60Hz**

**GENERAL:** All electrical connections must be in accordance with local and National Electrical Code (N.E.C.) standards. If you are unfamiliar with proper electrical wiring connections obtain the services of a qualified electrician.

Remove the KIT from the box and make sure that no parts are missing by referencing the PARTS illustrations.

THIS RETROFIT ASSEMBLY IS ACCEPTED AS A COMPONENT OF A LED LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY CSA OR CANADIAN AUTHORITIES HAVING JURISDICTION.

THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS



**WARNING- RISK OF FIRE OR ELECTRIC SHOCK**

- LED Insert installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- The inside of the ceiling must be waterproof.

**ASSEMBLY AND INSTALLATION**

1. Make sure the power is off before installing or performing maintenance on the fixture
2. Cut a diameter Ø110~115mm hole in the ceiling. (Fig. 1)
3. Use the toggle switch to select your desired lamp color temperature, 2700K/3000K/3500K/4000K/5000K. (Fig. 2)
4. For ERT487CT5XX, please select the desired power before installation (10W/14W/18W). Please skip this step if you are using ERT434CT5XX.
5. Open the knockout. (Fig. 5).
6. Put the wire clip into the knockout hole (Fig. 5).
7. Open the junction box and connect the wires as described below. Insert the supply ground wire into quick connector. Make sure all connections are secure and tuck all wires inside the junction box. (Fig. 6)
  - **BLACK (AC Hot) to BLACK (Line Voltage)**
  - **WHITE (AC Neutral) to WHITE (Neutral)**
  - **PURPLE (0-10V+) to PURPLE (0-10V+)**
  - **PINK (0-10V-) to PINK (0-10V-)**
8. Guide the junction box through the ceiling opening and secure it with a screw. Close the cover of the junction box (Fig. 7)
9. Mate the cables between the fixture and driver and tighten the wire nut.
10. Bend back the spring clips the push the light fixture into the opening. (Fig. 9)
11. Installation completed. Switch on. (Fig. 10)



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