

INSTALLATION AND SAFETY INSTRUCTIONS

Only Qualified Personnel Should Perform Installation of this Product.

Read and Save all Instructions and Warnings for Future Use.

- **WARNING** – Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaire electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- **WARNING** – Risk of fire or electric shock. Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings.
- **WARNING** – To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- This fixture is intended to be mounted to a 4" Octagonal Electrical Box. If mounting in a box other than a 4" Octagonal box, you may need to purchase a mounting adapter at a hardware or electrical supply shop. Always check local codes before using an adapter.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation

INCLUDED PARTS:

LED CR™ chassis with light engines and driver pre-assembled.

ASSEMBLY AND INSTALLATION:

Refer to Figure 1:

1. While assuring that the branch electrical circuit breaker is off, extend the electrical wires from the junction box such that they can be easily accessible for fixture installation.
2. Remove existing fixture from ceiling by loosening and removing the two 8-32 screws from the junction box.
3. Remove existing light bulbs and lampholders and lampholder leads, disposing of bulbs properly.
4. Remove any existing ballast and ballast leads from original lamp fixture and dispose of properly.
5. While making sure that both the black, white, and ground wires from the LED CR are fed through the wire access hole of the original light fixture (alternatively the LED CR can be mounted without the use of any additional light fixture), use one wire nut to connect the junction box and LED CR conductors of the black wires together. Tighten wire nut securely and assure that no bare conductors extend out of the bottom of the wire nut. See figure 1.
6. Now connect the conductors of the white wires together using another wire nut using the same precautions as in step #5.
7. Connect the ground wire from the LED CR to the ground wire in the junction box, if the original fixture has a ground wire connect it as well.
8. After all connections are made safely be sure to push all excess wire into junction box.
9. Using the 1-1/2" 8-32 screws provided thread them into the junction box leaving about 1" to 1-1/4" exposed.
10. Carefully install the LED CR by raising it to the junction box and align through the key holes of the original fixture as well as the key holes of the LED CR to fit over mounting screws – see figure 1.
11. Once the LED CR is properly aligned, tighten screws to hold LED CR and original light fixture to junction box. Fixture assembly is now complete.

Dimmer Compatibility:

LED CR will state if model is dimmable

ETL UL1598 Listed Fixture and ETL UL1598C Classified Retrofit Kit (Damp Rating)

FIGURE 1:

Note: MINIMUM FIXTURE COMPARTMENT:

10in OD x 1in H

