



## **IMPORTANT - READ ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION**

- ◆ **WARNING** – Risk of electric shock, LED retrofit kit requires knowledge of Luminaire Electrical Systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- ◆ Failure to install this product in accordance with the National Electric Code (NEC), or the Canadian Electrical Code (CSA 22.1), all applicable Federal, State and local electric codes as well as the specific Underwriters Laboratories (UL) safety standards for the installation, location and application may cause unsafe situations leading to serious personal injury, death, property damage and/or product malfunction.
- ◆ To avoid electric shock or component damage disconnect power before attempting installation or servicing.
- ◆ Disconnect product and allow to cool prior to servicing.
- ◆ **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.**
- ◆ To prevent risk of fire or electric shock. Install this kit only in fixtures that have the construction features and dimensions shown in the photographs / illustrations.
- ◆ Avoid looking directly into the light beam with unprotected eyes as the intensity of the beam may damage the eyes.
- ◆ LED Retrofit Kit has been properly packaged to protect it during transit. Unpack, inspect and notify shipping agent and instructor if any damage is found.
- ◆ Save these instructions after installation of the LED retrofit.

## **INSTALLATION INSTRUCTIONS**



1. Disconnect power prior to installation.
2. Open fixture housing.
3. Remove lamp, reflector, socket, wire leads and ballast.
4. The LED Retrofit kit consists of an LED engine, Ballast and is pre-wired and mounted on an aluminum plate designed specifically for this fixture.
5. Connect the White (NEUTRAL) input power wire to the terminal block with a white wire as shown in the photo/illustration.
6. Connect the Black (HOT) input power wire to the terminal block with a black wire as shown in the photo/illustration.
7. Connect the Green (GROUND) wire to as shown in the photo/illustration.
8. Attach the Mounted LED retrofit Kit to the fixture using either the yoke mount or carefully silicone to top of refractor glass (do not get silicone on LED chips) as shown in the photo/illustration.



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9. Remove the protective plastic lens covering the LED engine. Do not touch the individual LEDs at any time.
10. Turn on the power to the fixture and verify that the light is illuminated. Do not look directly at the LED light without proper eye protection.
11. Close the cover of the fixture.

**WIRING DIAGRAM PER UL GUIDELINES HERE.**