

INSTALLATION AND OPERATING INSTRUCTIONS FOR THE FOLLOWING PRODUCTS:

CAT. NO. **KT-RKIT-CP-8-1600-8xx-FDIM** CAT. NO. **KT-RKIT-CP-8-1600-8xx-VDIM**
 CAT. NO. **KT-RKIT-CP-8-2200-8xx-FDIM** CAT. NO. **KT-RKIT-CP-8-2200-8xx-VDIM**

INSTALLATION

Product includes the following components:

PARTS	QUANTITY
LED Kit (Including hardware)	1
Installation Instruction Sheet	1

WARNING: Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components.

WARNING: Risk of fire or electric shock. This LED retrofit kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

WARNING: Risk of fire or electric shock. Install this LED retrofit kit only in 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.

WARNING: Do not make or alter any open holes of the wiring enclosure or electrical component enclosure during installation. Only those open holes indicated in the photographs and/or drawings may be added or altered as a result of kit installation. Do not leave any other open holes in the wiring enclosure or electrical component enclosure during installation.

Minimum Luminaries Dimensions: 11”(L)x 11”(W) x 3.25”(H).

CAUTION: Before installing, make certain the AC power to the fixture is off.

CAUTION: For products KT-RKIT-CP-8-1600-8xx-FDIM and KT-RKIT-CP-8-2200-8xx-FDIM, the electrical rating of these products are 120V. Installer must confirm that there is 120V at the fixture before installation.

CAUTION: For products KT-RKIT-CP-8-1600-8xx-VDIM and KT-RKIT-CP-8-2200-8xx-VDIM, the electrical rating of these products are 120-277V. Installer must confirm that there is 120-277V at the fixture before installation.

CAUTION: LEDs are extremely bright. Do not look directly at the LED light source for extended time as over-exposure may cause harm to the eyes.

Installation

1. Read and understand all warnings and notes stated above, before proceeding with retrofit.
2. Check your retrofit kit against parts list.
3. Disconnect Power to Fixture.
4. Remove / Open the fixture’s diffuser cover

5. Remove Fluorescent lamps (Dispose of tubes in accordance with current State & Federal regulation.)
6. Cut both wires at ballast to the AC
7. Cut the wire and remove any lamp holder clip and ballast
8. Use cloth to wipe down the surface of the housing to remove all dust , dirt, etc before proceeding.
9. Use the threaded nipple to align up the LED modules and the pan. Use tek screws included with the kit to secure the LED modules to the housing, using the 3 embossed mounting holes in the modules. Installer may drill pilot holes at their discretion to aid in installation.
10. Attach the mounting strip to the electrical box using #8 machine screws.
11. Secure the threaded nipple to the mounting strip. Leave the threaded nipple enough length protruding beyond the front surface of luminaries. Estimate the length of threaded nipple long enough to fasten the entire fixture. Cut the threaded nipple if the exposed length exceeds the overall length of fixture.
12. Pull the existing electrical supply wires out of the junction box to either side of mounting strip.
13. Secure the bare end of the fixture green/copper ground wire of module and fixture to the mounting strip using the green grounding screw.
14. Connect the supply leads from electrical box to the driver lead wire of retrofit kit, using the wire nuts provided. Black leads from the kit connect to the black supply lead, and the white lead from kit connects to the white supply lead. Tighten the wire nuts properly to prevent the wire from coming loose.
15. Position the fixture over the electrical box so that the protruding threaded nipple in the mounting strip passes through the hole in fixture and retrofit kit. Adjust the fixture to make sure it is level before fully tightening the hex nut with big flat washer. The fixture should be tightened up the ceiling against the wall as close as possible, until there is no visible gap between the pan and the ceiling.
16. This retrofit kit is accepted as a component of a luminaire where the suitability of the combination shall be determined by authorities having jurisdiction.