IMPORTANT SAFEGUARDS
When using electrical equipment, basic safety precautions should always be followed including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. **DANGER – RISK OF SHOCK – DISCONNECT POWER BEFORE INSTALLATION**

2. **This LED upgrade product is UL Classified for use with Elsco Merritt, Whiteway Riviera, LSI Masters/Dakota, Rig-a-Lite, Jet-Philips or Elsco Franciscan only. DO NOT install into any other manufacturer's luminaire. To maintain existing Luminaire’s UL listing, the LED Upgrade Kit must be UL Classified for use with the manufacturer and model of existing luminaire. Consult CREE Customer support to see if other luminaire is classified to be used with this LED Upgrade Kit.**

3. **WARNING – Risk of fire or electric shock. LED Upgrade Kit installation requires knowledge of luminaire electrical systems. If not qualified, do not attempt installation. Product must be installed in accordance with NEC and your local electrical code. If you are not familiar with these codes and requirements, contact a qualified electrician.**

4. **WARNING – Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of the LED Upgrade Kit. Check for enclosed wiring and components.**

5. **WARNING – Risk of fire or electric shock. Check the existing wiring for damage before installing Upgrade Kit. Do not install if existing wires are damaged.**

6. **WARNING – To prevent wiring damage or abrasion, do not expose wires to the edge of sheet metal or any other sharp objects.**

7. **WARNING – Risk of fire or electric shock. Install this kit only in the luminaire that have the construction features and dimensions shown in the photographs and/or drawings.**

8. **Do not make or alter any holes in a wiring enclosure or electrical components during the kit installation.**

9. **Ensure that the existing luminaire is installed according to original manufacturer’s specification.**

10. **Only the holes indicated in the photographs or drawings may be made or altered as a result of the kit installation. Do not leave any other holes open in a wiring enclosure or electrical component.**

11. **Once the Upgrade Kit is installed, the luminaire can no longer accept HID lamps and shall not be converted back to an HID luminaire.**

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

HOUSING SIZES:

**NOTE:** Ensure the sizes of the existing luminaire housings are approximately as follows:

- **Elsco Merritt:** 19-3/4” square X 8-1/2” high
- **Whiteway Riviera:** T21-1/8” square X 10” high
- **LSI Masters/Dakota:** 23” square X 10” high
- **Rig-a-Lite:** 21-18” square X 8-1/8” high
- **Jet-Philips:** 22” square X 8-3/8” high
- **Elsco Franciscan**: 23-3/4” square X 7” high

*This fixture must be surface mounted*

UPGRADE KIT LIST OF COMPONENTS:

**NOTE:** This kit is used only with the standard CPY250 luminaire that is sold separate from the kit.

1. Upgrade assembly Panel
2. (4) - Corner mount brackets
3. (4) - Mounting screws
4. (8) - Self-drilling screws
5. (4) - Washers
6. (4) - Retainers
7. (4) - Fixture mount
8. (4) - Nuts
TO INSTALL:

NOTE: DO NOT lift luminaire by the power leads.

STEP 1:
Open and remove lens frame assembly. Remove door mounting
hardware, lamp, reflector, ballast cover and socket assembly.
Disconnect incoming power leads.

Note: Existing ballast and capacitor may be left in fixture if
they do not interfere with the LED upgrade module and if the
existing luminaire is not supported solely by the j-box. If removed,
components should be recycled according to all local, state, and/or
federal ordinances.

STEP 2:
Check the caulk between the Canopy and the existing luminaire
housing. Add caulk as needed to ensure water tight installation.

STEP 3:
Slide corner brace brackets onto corners of housing flanges. Use a
non-metallic mallet only when installing. Secure brackets in place with
self-drilling screws (included) at holes in brackets as show in
Figure 1. Thread supplied washer and retainer all the way to the
screw head. Insert (4) Oval head mounting screws (included) into
bracket panel nuts so that screw head is slightly below luminaire level.

STEP 4:
Attach CPY250 luminaire and the provided cables to the panel using
the (4) supplied machine screws and nuts as shown in Figure 2. These
cables will allow for hands-free wiring and support during installation.

STEP 5:
Attach (2) hooks on ends of cables to hook mounts on the corner
brackets. Figure 3.

STEP 6:
Make wiring connections as shown in the Electrical Connections
Section.

NOTE: Ground connection should include previous luminaire ground.
Verify that the supply voltage is within the fixtures voltage rating.

STEP 7:
Rotate panel to horizontal position and push upward into the existing
luminaire housing ensuring that no wires are pinched. Slide panel over
the mounting screw heads using the key-slots in the panel. Once
positioned, tighten the 4 mounting screws.

ELECTRICAL CONNECTIONS

STEP 1:
Using 90°C minimum rated wire connectors, make the
following electrical connections:

a. Connect supply ground conductor to fixture (green)
ground wire and mounting plate (green) ground wire with
wire connector.
b. Connect supply voltage conductor to fixture black wire
with wire connector
c. Connect supply neutral conductor to fixture white wire
with wire connector.
d. If Dimming is an option; connect the violet dimming
positive lead to the supply dimming positive lead.
e. If Dimming is an option; connect the grey dimming
negative lead to the supply dimming negative lead.