

# LED PL HYBRID LAMPS

4.5W / 6W

## INSTALL INSTRUCTIONS

### SAFETY INSTRUCTIONS

#### PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION.

Please read the instruction before you install and use the luminaire.

FOLLOW ALL SAFETY INSTRUCTIONS

DANGER –RISK OF SHOCK –DISCONNECT POWER BEFORE INSTALLATION

WARNING –Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Product must be installed in accordance with the National Electrical Code or your local electrical code. If you are not familiar with these codes and requirements, 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 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. WARNING –To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or any other sharp objects.

WARNING –Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when installing of retrofit kit hardware. Check for enclosed wiring and components.

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.

DO NOT USE WITH DIMMERS. SUITABLE FOR DAMP LOCATIONS. SUITABLE FOR USE IN TOTALLY ENCLOSED, RECESSED LUMINAIRES.

THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS.

### INSTALLATION

#### THIS LAMP CAN BE A BY PASS REPLACEMENT AND DIRECT REPLACEMENT FOR MAGNETIC BALLASTS

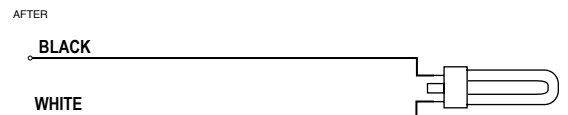
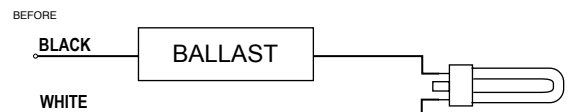
##### BALLAST BYPASS INSTRUCTIONS

1. Make sure the circuit breaker that supplies power to the fixture is turned off.
2. Remove trim and existing lamp(s) from recessed fixture. Drop housing from plaster frame.
3. Remove inner junction box cover and disconnect ballast from input wiring and lampholder leads. Dispose of removed ballast and lamps in accordance with government regulations in your area.
4. Connect input wiring to lampholder leads according to the appropriate diagram below (figure 1,2,3,4). Place wires and connections back in wiring box then cover box.
5. Install your new LED PL lamps. Rotate lamps to desire position.
6. Reinstall housing and trim.
7. Apply relamping label on a visible location inside the fixture.
8. Turn power on at the breaker box and turn on the lights.

##### DIRECT REPLACEMENT INSTRUCTIONS TO MAGNETIC BALLASTS

1. Make sure the circuit breaker that supplies power to the fixture is turned off.
2. Remove existing lamp(s) from recessed fixture.
3. Install your new LED PL lamps. Rotate lamps to desire position.
4. Turn power on at the breaker box and turn on the lights.
5. Turn on the lights.

#### RETROFIT WITH 1 LAMPS Wiring: (1) Twin Lamp



#### RETROFIT WITH 2 LAMPS Wiring: (2) Twin Lamp

