



WARNING AND CAUTIONS

To reduce the risk of electrical shock, fire, or injury to persons, you must read and follow all warnings and installation instructions before installing. All installations should be performed by a qualified electrician.

WARNING: Risk of Fire or Electric Shock

- Added weight of the device may cause instability of a free standing portable luminaire.
- Use only with a portable table lamp that is provided with a shade.
- Use in portable table lamps in which the distance from the bottom of the base to the top of the lampholder does not exceed three (3) times the minimum base diameter.
- Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit. Check for enclosed wiring and components.
- Disable all power to the fixture. The lamp holder must be disconnected from the wiring to the ballast, capacitor, or ignitor. Verify that voltage does not exceed 277VAC.
- Please see "Wiring Diagram". Failure to follow instructions can result in a damaged product and will void the warranty. It could also result in an electric shock or fire.
- This device is not intended for use with emergency exits. Installation of this retrofit assembly requires a person familiar with the construction and operation of the luminaire's electrical system and the hazard involved. If not qualified, do not attempt installation. Contact a qualified electrician.
- 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.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- Risk of electric shock. Do not use if outer lamp envelope is damaged or broken. Please attach the warning sticker to the modified luminaire.

CAUTIONS:

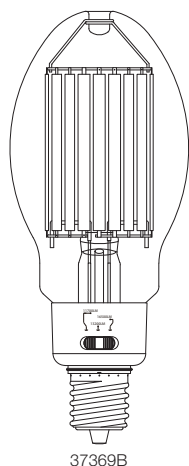
- Installers should not disconnect existing wires from lampholder terminals to make new connections at lampholder terminals. Instead installers should cut existing lampholder leads away from the lampholder and make new electrical connections to lampholder lead wires by employing applicable connectors.
- The retrofit kit is accepted as a component of a luminaire where the suitability of the combination shall be determined by authorities having jurisdiction. Product must be installed by a qualified electrician in accordance with the applicable and appropriate electrical codes. The installation guide does not supersede local or national regulations for electrical installations.
- Please examine all parts that are not intended to be replaced by the retrofit kit for damage and replace any damaged parts prior to installation of the retrofit kit.
- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

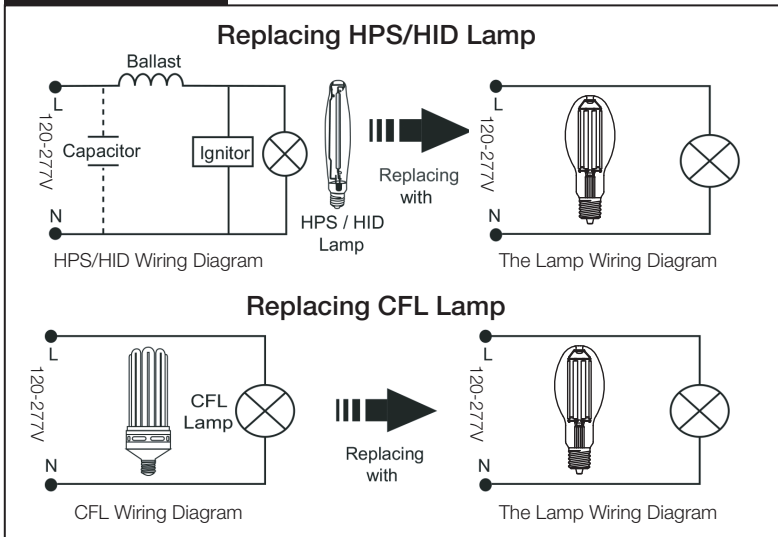
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

INSIDE THE BOX

The Lamp



Wiring Diagram



Fixture Selection:

1. This lamp is intended to retrofit HPS, HID, or CFL lamps with E39/EX39 bases.
2. This lamp is not intended for use in fixtures that are dimmable.
3. This lamp is suitable to use in totally enclosed surface mounted fixtures.
4. Installation Method: UL Type B, Ballast Bypass, making electrical connection to the mains (120-277VAC) directly.
5. Broken or damaged fixture parts must be repaired or replaced to maintain the outdoor ratings of the fixture.
6. Perform a visual inspection to ensure the lamp-holder is not damaged or loose. If damaged, corroded, charred, blackened, or loose, the lamp-holder should be replaced with a new lamp-holder according to the original E39/EX39.
7. Use only in fixtures that have the lamp compartment dimensions shown below.
(L x W x H)

Model No.	Type of recessed luminaires and min. lamp compartment dimension
ED37 (85W)	13.7 x 17.0 x 17.0 in

8. Operating Temperature: -22.0°F to 113.0°F
9. Warning: The lamp must be installed into a fixture that follows the stated operating temperature and the minimum lamp compartment dimensions. If the installation is not as required, we do not assume any responsibility or costs.
10. This product is suitable to install in wet location fixtures.

Default Setting:

(85W)16500LM

Installation:

1. Turn off the power before installing.
2. Remove the diffuser, lens, or reflector of the fixture to have clear access to the internal wiring.
3. Remove the existing lamp.
4. Bypass the gear including ballast/capacitor/ignitor and connect lamp-holder wires directly to 120-277VAC, 50/60Hz.
5. Adjust the lumens/wattage per your requirements.
6. Secure wiring properly by routing away from all sharp edges.
7. Install the lamp into the lamp-holder firmly.
8. Install back the diffuser or lens of the fixture.
9. Turn on the power.

POST TOP



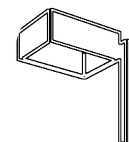
LOW/HIGH BAY



WALL PACK



SHOE BOX



DUSK TO DAWN



DAMAR[®]
805 N Carnation
Aurora, MO 65605
Made in China