

Item:
 LPLTB-8W-CTSW-H
 LPLTB-8W-CTSW-V
 LPLTB-8W-CTSC-H
 LPLTB-8W-CTSC-V



TYPE B CCT SELECT PL LAMP INSTALLATION INSTRUCTIONS

READ AND FOLLOW ALL SAFETY INSTRUCTIONS!



WARNING

- RISK OF FIRE OR ELECTRIC SHOCK. 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.
- To reduce the risk of fire, electric shock, personal injury, or property damage, please read and follow all safety instructions. If you do not understand these instructions or if any additional information is required, contact your local Topaz representative. Retain these instructions for maintenance reference.
- Do not exceed the allowed supply voltage marked on the luminaire label information
- RISK OF SHOCK- Disconnect power at the circuit breaker panel before any installation.
- 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.
- TO AVOID POTENTIAL FIRE OR SHOCK HAZARD, DO NOT USE THIS RETROFIT KIT IN LUMINAIRES EMPLOYING SHUNTED BI-PIN LAMP HOLDERS. NOTE: SHUNTED LAMP HOLDERS ARE FOUND ONLY IN FLUORESCENT LUMINAIRES WITH INSTANT-START BALLASTS. INSTANT-START BALLASTS CAN BE IDENTIFIED BY THE WORDS "INSTANT START" OR "I.S." MARKED ON THE BALLAST. THIS DESIGNATION MAY BE IN THE FORM OF A STATEMENT PERTAINING TO THE BALLAST ITSELF, OR MAY BE COMBINED WITH THE MARKING FOR THE LAMPS WITH WHICH THE BALLAST IS INTENDED TO BE USED, FOR EXAMPLE F40T12/IS. FOR MORE INFORMATION, CONTACT THE LED LUMINAIRE RETROFIT KIT MANUFACTURER.
- Do not use with dimmers.



CAUTION

- Do not expose wire to any sharp objects such as sheet metal to prevent wiring damage or abrasion.
- Do not make or alter any open holes in any enclosure or any electrical component during installation.
- INSTALLERS SHOULD NOT DISCONNECT EXISTING WIRES FROM LAMP HOLDER TERMINALS TO MAKE NEW CONNECTIONS AT LAMP HOLDER TERMINALS. INSTEAD INSTALLERS SHOULD CUT EXISTING LAMP HOLDER LEADS AWAY FROM THE LAMP HOLDER AND MAKE NEW ELECTRICAL CONNECTIONS TO LAMP HOLDER LEAD WIRES BY EMPLOYING APPLICABLE CONNECTORS.
- Do not use when the enclosure is damaged or broken in any way.
- Do not alter, relocate or remove wiring, lamp holder power supply or any other electrical component.
- This device is not intended to be used with any emergency lighting fixture.
- Suitable for damp locations.

Model	Input Voltage	Frequency	Power	Rated Current
LPLTB-8W-CTSW-H	120-277V	50-60Hz	8W	0.075A
LPLTB-8W-CTSW-V	120-277V	50-60Hz	8W	0.075A
LPLTB-8W-CTSC-H	120-277V	50-60Hz	8W	0.075A
LPLTB-8W-CTSC-V	120-277V	50-60Hz	8W	0.075A

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LPLTB-8W-CTSW-H
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Figure 1. Retrofit with One Lamp (G24d Base)

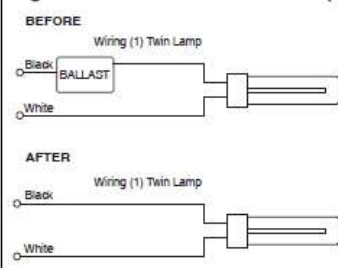


Figure 2. Retrofit with Two Lamps (G24d Base)

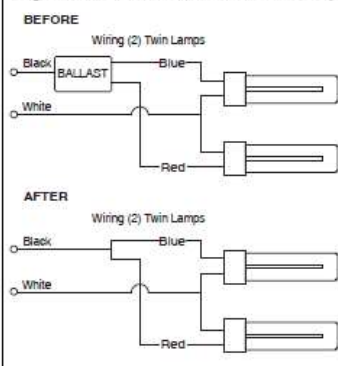


Figure 3. Retrofit with One Lamp (G24q Base)

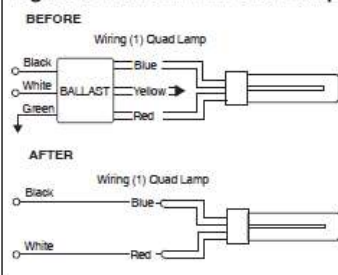
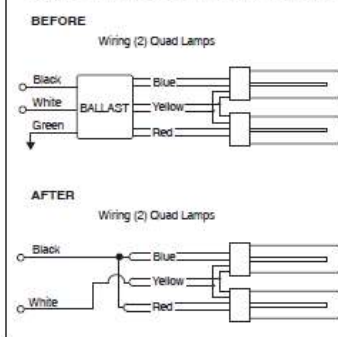


Figure 4. Retrofit with Two Lamps (G24q Base)



Installation Instructions for replacement of 13W G24q and 18W/26W G24d or G24q lamps:

1. Turn off power to the fixture before beginning any electrical work.
2. Check all the items of the retrofit kit. Use the slide switch on the lamp to set different color temperatures.
3. Check if the LED lamp ratings are compatible with the intended luminaire.
4. Remove the diffuser, lens cover or louver (if provided) and the existing fluorescent lamp(s) from the fixture.
5. Remove inner junction box cover and disconnect ballast from input wiring and lamp holder leads. Make sure to cut the leads as close to the ballast as possible. Dispose of removed ballast and lamps in accordance with government regulations in your area.
6. Connect input wiring to lamp holder leads according to the appropriate diagram below (Figure 1, 2,3,4). Place wires and connections back in wiring box and replace cover.
7. Install your new LED lamps. If using a horizontal lamp rotate lamps to desired position.
8. Apply relamping label on a visible service inside the fixture.
9. Replace the diffuser, lens cover or louver (if provided). Turn power on at the breaker box and turn on the lights.

****NOTE: THESE INSTRUCTIONS DO NOT ADDRESS ALL PERMUTATIONS THAT MAY EXIST IN INSTALLATION, MAINTENANCE, AND OPERATING ENVIRONMENT.**