

INSTRUCTIONS

PLS BYPASS INSTALLATION



RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: marketing@rablighting.com

PLS-3.5-H-8FA-BYP-2G7
PLS-5.5-H-8FA-BYP-2GX7



IMPORTANT

READ CAREFULLY BEFORE INSTALLING LAMPS. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

RAB lamps must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

WARNING: Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaire electrical systems. If not qualified, do not attempt installation.

Contact a qualified electrician. Installation should be performed only by a qualified electrician in accordance with the National Electrical Code and relevant local code.

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. 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. Installers should 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.

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.

CAUTION: Disconnect power at the source before installation, inspection or removal. Do not simply switch off fixture.

This item is rated at 120-277V. Installer must determine whether line voltage 120-277V is available at the luminaire before installation. Not intended for use with emergency exit fixtures or emergency exit lights.

Not for use with luminaire ballast. Do not use if product is damaged. This lamp is non-dimmable. Not for use with dimmers. "This luminaire has been modified to operate LED lamps" shall be marked on the retrofit luminaire where readily visible by the user during normal maintenance including re-lamping.

Risk of fire or electric shock. Do not open or modify. No user serviceable parts inside.

The unit is intended to retrofit maximum 2 lamps. SUITABLE FOR DAMP LOCATIONS.

Suitable for use in wet locations when used in an outdoor-rated fixture.

Not for use where directly exposed to the weather or water. Complies with Part 15 of FCC. 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.

SUITABLE FOR "TYPE NON-IC" LUMINAIRES WITHOUT DIFFUSER WITH THROUGH-BRANCH WIRING MARKED "MAX. 4 12AWG CONDUCTORS." No external weight or mechanical force should be applied to lamp or components.

NOTE: This retrofit kit is for a 4 PIN HORIZONTAL & VERTICAL MOUNT and can replace 7W, 9W, 11W and 13W CFL lamps with 2G7, 2GX7 bases

Note: These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation, operation or maintenance.

INSTRUCTIONS

PLS BYPASS INSTALLATION



RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: marketing@rablighting.com

INSTALLATION

1. Read all WARNINGS before continuing this section. Ensure fixture is 120-277V.
2. Make sure POWER IS TURNED OFF AT THE SOURCE.
3. Switch off power to the luminaire for installation or maintenance.
4. Disconnect and remove the existing ballast, capacitor, and ignitor (*if existing*) from the luminaire. As shown in Fig. 2.
5. Rewire for line voltage to the lamp socket/holder. As shown in Fig. 2 (*If the lamp socket is damaged, corroded charred, or blackened, it must be replaced before installation*).
6. Insert the new LED replacement lamp into the corresponding socket/holder.
7. Ensure pins are firmly seated in the lampholder.
8. The provided white color self-adhesive retrofit luminaire marking label shall be marked on the retrofit luminaire where readily visible by the user during regular maintenance, including relamping.
9. Select desired color temperature for CCT selectable models (*Do not select when power is on*).
10. Switch on power to the luminaire, and installation is now complete.

WIRING DIAGRAM

Fig: 1 New fixture without ballast wiring



Fig: 2 Ballast fixture wiring modification

