

INSTRUCTIONS

PLT OMNI 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

**** DON'T TOSS IT—RECYCLE IT! MAKE THE SUSTAINABLE CHOICE BY RECYCLING THIS FIXTURE AT END OF LIFE WITH A LICENSED RECYCLING PROVIDER. ****

PLT-7-O-8FA-BYP
PLT-9-O-8FA-BYP
PLT-15-O-8FA-BYP
PLT-17-O-8FA-BYP
PLT-23-O-8FA-BYP



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 luminaires 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 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.

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.

Risk of fire. Input ratings may need to be determined based on any configuration(s) permitted by the installation instructions. Regardless of the configuration(s) of the retrofit kit, the input ratings of the overall retrofit kit shall not exceed the marked input ratings of the host luminaire. 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 installation instructions shall indicate the environmental locations the retrofit kit is suitable for. Prior to installation, review all environmental designation locations in the retrofit kit installation instructions. Only install in damp locations if so indicated in the installation instructions.

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.

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 2 PIN HORIZONTAL & VERTICAL MOUNT and can replace 18W, 26W, 32W, 42W and 57W CFL lamps with GX24q, G24d and GX24d bases. For use with fluorescent, surface mounted, recessed non-IC, recessed IC luminaires. Suitable for closed type luminaires.

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INSTALLATION

1. Read all WARNINGS before continuing this section.
2. Host Luminaire Type Markings.
3. Ensure fixture is powered by 120-277V.
4. Make sure POWER IS TURNED OFF AT THE SOURCE.
5. Remove lens if applicable, remove cover and fluorescent lamp.
6. Before rewiring, check the ballast type and refer to the relevant diagram.
7. Check the number of lamps per fixture and refer to the relevant diagram.
8. If fixture is new without ballast please refer to (Fig. 1).
9. If fixture ballast type is electronic please refer to (Fig. 2).
10. If fixture ballast type is magnetic please refer to (Fig. 3).
11. This device is powered by two pins; Install lamp into the wired lampholder end.
12. Visibly affix 'Modificion Sticker' and reinstall housing cover and lens if applicable.
13. Select desired color temperature (*Do not select when power on*).
14. Return power back to source and installation is now complete.

COMPARTMENT DIMENSION

Model Number		PLT-7-O-8FA-BYP PLT-9-O-8FA-BYP PLT-15-O-8FA-BYP PLT-17-O-8FA-BYP PLT-23-O-8FA-BYP
Lamp compartment of Luminaire overall dimensions (Inch)	Length	11.81
	Width	6.3
	Height	2.76
Maximum Lamps in Luminaire		2
Lampholder-to-Lampholder Distance (inch)		1.89

WIRING DIAGRAM

Fig: 1 New fixture without ballast wiring

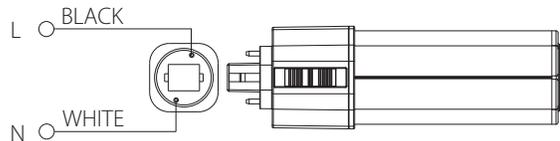


Fig: 2 Electronic ballast fixture wiring

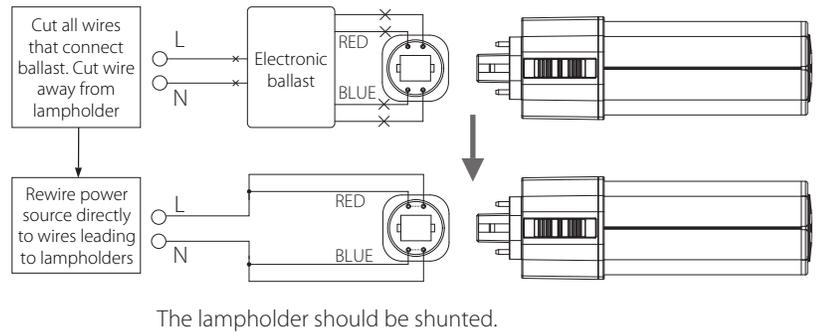
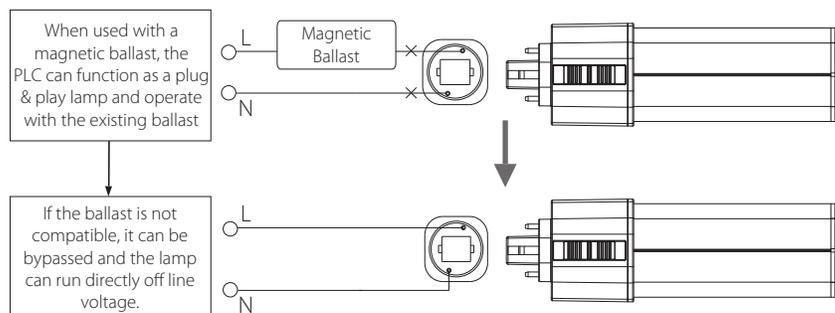


Fig: 3 Magnetic ballast fixture wiring modification



Easy Answers

rablighting.com
Visit our website for product info

Tech Help Line
Call our experts: 888 722-1000

e-mail
Answered promptly - sales@rablighting.com

Free Lighting Layouts
Answered online or by request