

INSTRUCTIONS

PLL 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

PLL-8-8FA-BYP
PLL-11-8FA-BYP
PLL-16-8FA-BYP
PLL-17-8FA-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.

Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components.

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 for PLL-8-8FA-BYP, PLL-11-8FA-BYP, PLL-16-8FA-BYP.

Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

"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.

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.

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.**

No external weight or mechanical force should be applied to tube or components.

THE RETROFIT ASSEMBLY IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION.

Models PLL-16-8FA-BYP, PLL-17-8FA-BYP are intended to retrofit surface mount, Type IC or non-IC recessed mount listed fluorescent luminaires that use maximum three lamps with or without a diffuser.

Models PLL-8-8FA-BYP, PLL-11-8FA-BYP are intended to retrofit surface mount Listed fluorescent luminaires that use maximum two lamps without a diffuser. The minimum dimension of luminaries are tabulated COMPARTMENT DIMENSION:

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COMPARTMENT DIMENSION

Please make sure the minimum dimensions of the lamp compartment in the non-enclosed fixture meet the below guidelines.

Model Number		PLL-8-8FA-BYP	PLL-11-8FA-BYP	PLL-16-8FA-BYP	PLL-17-8FA-BYP
Fixture Dimension	Length	17.32 in	17.32 in	24.21 in	24.21 in
	Width	5.51 in	5.51 in	23.82 in	23.83 in
	Height	3.94 in	3.94 in	4.13 in	4.13 in
Maximum Lamps in Fixture		2	2	3	3
Lampholder-to-Lampholder Spacing		0.394 in	0.394 in	3.35 in	3.35 in

INSTALLATION

1. Read all WARNINGS before continuing this section.
2. Ensure fixture is powered by 120-277V.
3. Make sure POWER IS TURNED OFF AT THE SOURCE to the location at which you are installing the product.
4. Remove lens, cover and fluorescent tubes. Cut away all wires connecting the ballast.
5. Make sure to connect the line (L) and neutral (N) to the corresponding ends of the tube marked L and N.
6. Follow wiring diagrams Fig1. and Fig2. for different number of lamps and original ballast type.
7. Visibly affix the "Modification Sticker" to the fixture and reinstall housing cover and lens if applicable.
8. Insert the new LED replacement lamp into the corresponding socket/holder. Ensure pins are firmly seated in the lampholder.
9. 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.
10. by the user during regular maintenance, including relamping.
11. Select desired color temperature for CCT selectable models (*Do not select when power is on*).
12. Return power back to the source and installation is complete.

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.

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WIRING DIAGRAM

Fig: 1 1 LAMP

Cut all wires that connect ballast. Cut wire away from lampholder

Rewire power source directly to wires leading to lampholders

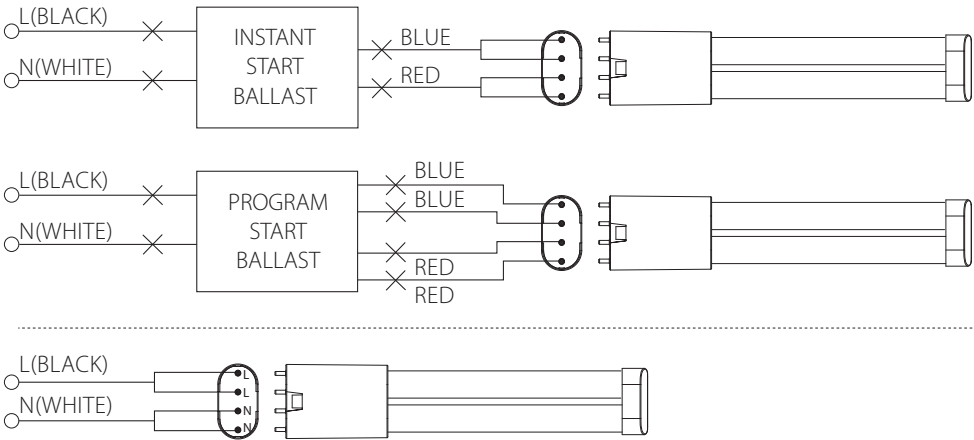


Fig: 2 2 LAMPS

Cut all wires that connect ballast. Cut wire away from lampholder

Rewire power source directly to wires leading to lampholders

