

INSTRUCTIONS

OMNI PLC BALLAST COMPATIBLE

RAB®

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

PLC-7-O-8XX-DIR PLC-9.5-O-8XX-DIR



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.

WARNINGS:

- 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.

CAUTION

- RISK OF FIRE. IF THE LAMP OR LUMINAIRE EXHIBITS UNDESIRABLE OPERATION (BUZZING, FLICKERING, ETC.), IMMEDIATELY TURN OFF POWER, REMOVE LAMP FROM LUMINAIRE AND CONTACT THE MANUFACTURER.
- 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.
- Disconnect power at the source before installation, inspection or removal. Do not simply switch off fixture.
- Not intended for use with emergency exit fixtures or emergency exit lights.
- THIS LAMP ONLY OPERATES ON ELECTRONIC PROGRAMMABLE BALLASTS. IF LAMP DOES NOT LIGHT WHEN THE LUMINAIRE IS ENERGIZED, REMOVE LAMP FROM LUMINAIRE AND CONTACT LAMP MANUFACTURER OR QUALIFIED ELECTRICIAN.
- This lamp is not compatible with all ballasts. Before replacing existing fluorescent lamps, check compatibility of LED lamps and luminaire ballast.
- Do not use if product is damaged.
- 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.
- Dimmable only on 0-10V dimmers (when installed with a compatible 0-10v dimmable ballast). This lamp might not be compatible with all dimmers.
- Risk of fire or electric shock. Do not open or modify. No user serviceable parts inside.
- SUITABLE FOR DAMP LOCATIONS. 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" RECESSED LUMINAIRES WITHOUT DIFFUSER.
- No external weight or mechanical force should be applied to lamp or components.
- For the compatible ballast list, please refer to RAB's website - rablighting.com.

NOTE:

- This retrofit kit is for a 4 PIN MOUNT and can replace 13W, 18W, 26W CFL Lamps with G24q and GX24q bases.

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INSTALLATION

- Switch-off power to luminaire.
- Remove the cover lens (if provided).
- Carefully remove all existing CFL lamps from luminaire. Note: Verify that the ballast is compatible with LED PL lamps, see the ballast compatibility list at rablighting.com
- Confirm the lampholder has a G24q or GX24q socket.
- Insert the LED PL lamp into the open socket within the fixture. Ensure pins are firmly seated in the lampholder.
- Switch on power to luminaire and installation is now complete.

Models PLC-7-O-8XX-DIR, PLC-9.5-O-8XX-DIR are intended to be used in Listed recessed and surface mounted luminaires. Recessed lum must be non-insulation contact only. All luminaires should and utilize a maximum of two lamps.

COMPARTMENT DIMENSION

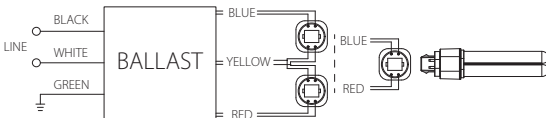
Please make sure the minimum dimensions of the lamp compartment in the non-enclosed fixture meet the below guidelines.

Non-enclosed Fixture Horizontal Installation		Model Number	PLC-7-O-8XX-DIR	PLC-9.5-O-8XX-DIR
 Front view Bottom view	Fixture Dimension	Diameter	6.12 in	6.12 in
		Height	4.75 in	4.75 in
Maximum Lamps in Fixture			2	2
Lampholder-to-Lampholder Spacing			0.375 in	0.375 in

Non-enclosed Fixture Vertical Installation		Model Number	PLC-7-O-8XX-DIR	PLC-9.5-O-8XX-DIR
 Front view	Fixture Dimension	Diameter	4.50 in	6.31 in
		Height	8.06 in	9.06 in
Maximum Lamps in Fixture			1	1
Lampholder-to-Lampholder Spacing			N/A	N/A

Enclosed Fixture Installation		Model Number	PLC-7-O-8XX-DIR	PLC-9.5-O-8XX-DIR
 Front view Side View	Fixture Dimension	Length	11.81 in	11.81 in
		Width	6.31 in	6.31 in
		Height	2.75 in	2.75 in
Maximum Lamps in Fixture			2	2
Lampholder-to-Lampholder Spacing			1.87 in	1.87 in

WIRING DIAGRAM



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.



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

PLCOMDIR-IN-0820

RAB WARRANTY: RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.