

# INSTRUCTIONS

## PLL 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](mailto:marketing@rablighting.com)

## PLL-13.5-8XX-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.

#### **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.
- 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.
- This lamp might not be compatible with all dimmers. Please visit [rablighting.com](http://rablighting.com) for compatibility information.
- Risk of fire or electric shock. Do not open or modify. No user serviceable parts inside.
- 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 lamp or components.
- DO NOT INSTALL THIS LAMP IN A PRE-HEAT LUMINAIRE.

#### **NOTE:**

- This retrofit kit can replace 40W CFL lamps with 2G11 bases.

# INSTRUCTIONS



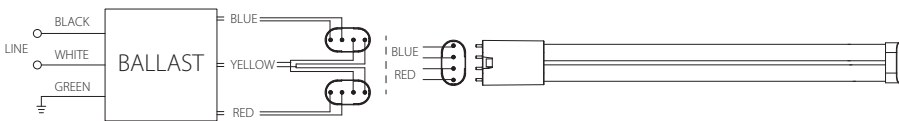
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## INSTALLATION

1. Switch-off power to luminaire.
2. Remove the cover lens (if provided).
3. Carefully remove all existing CFL lamps from luminaire. Note: Verify that the ballast is compatible with LED PLL lamps, see the ballast compatibility list.
4. Confirm the lampholder has a 2G11 socket.
5. Insert the LED PLL lamp into the open socket within the fixture. Ensure pins are firmly seated in the lampholder.
6. Switch on power to luminaire and installation is now complete.

## WIRING DIAGRAM



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Northvale, New Jersey 07647 USA

### Easy Answers

[rablighting.com](http://rablighting.com)  
Visit our website for product info

**Tech Help Line**  
Call our experts: 888 722-1000

**e-mail**  
Answered promptly - [sales@rablighting.com](mailto:sales@rablighting.com)

**Free Lighting Layouts**  
Answered online or by request

PLLDIR-IN-0820

RAB WARRANTY: RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).