INSTRUCTIONS
GPLED® PLED 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



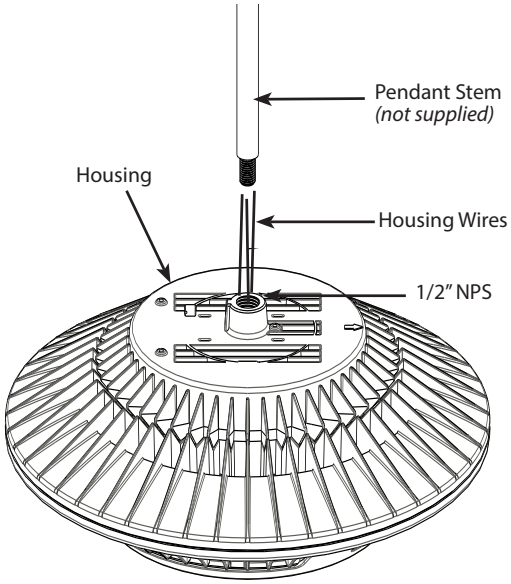
IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.
RAB fixtures 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: Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.
CAUTION: For proper weatherproof function all gaskets must be seated properly and all screws inserted and tightened firmly. Apply weatherproof silicone sealant around the edge of the ceiling mounting box and/or junction box. This is especially important with an uneven ceiling surface. Silicone all plugs and unused conduit entries.

PENDANT MOUNTING

Choose pendant length and mount the PLED to a junction box *(not supplied)* as follows:

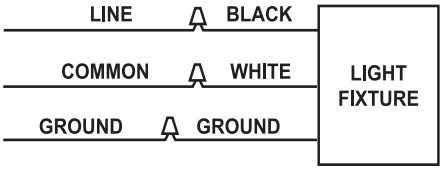
1. Use **Pendant Stem** with **1/2" NPS** thread *(not supplied)*. Fixture is supplied with *(50")* leads.
2. Feed **Housing** wires through **Pendant Stem** *(not supplied)* and thread the **Pendant Stem** onto the **Housing**. Wrap Teflon tape or silicone gel onto the threads to prevent moisture from getting into the **Housing.**
3. Tighten the set screw on the side of the **Housing.**
4. Make the wiring connections at the junction box *(not supplied)*. Use appropriate UL approved wire connectors as required by code to complete wiring. Be careful not to pinch wires.
   WARNING: To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.



ON/OFF WIRING

Universal voltage driver permits operation at 120 to 277VAC, 50 or 60Hz, except fixtures factory ordered with 480V. Units ordered with *(/480)* suffix are 480V.

1. Connect the black fixture lead to the (+) **LINE** supply lead.
2. Connect the white fixture lead to the (-) **COMMON** supply lead.
3. Connect the bare copper **Ground** wire from fixture to supply ground.



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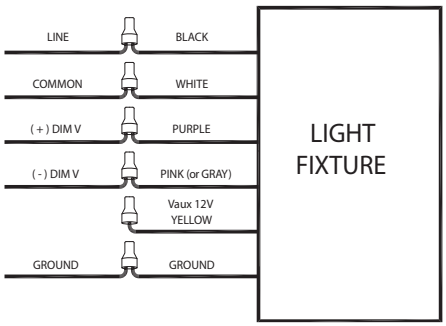
0-10V DIMMABLE WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. 0-10V control wires must be rated for 300V minimum. For 0-10V Dimming follow the wiring directions as shown below.

1. Connect the black fixture lead to the (+) **LINE** supply lead.
2. Connect the white fixture lead to the (-) **COMMON** supply lead.
3. Connect the **GROUND** wire from fixture to supply ground. **Do NOT** connect the **GROUND** of the dimming fixture to the output.
4. Connect the purple fixture lead to the (V+) DIM lead.
5. Connect the pink *(or gray)* fixture lead to the (V-) DIM lead.
6. Cap the yellow fixture lead. **Do NOT** connect.



CLEANING & MAINTENANCE

CAUTION: Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.

1. Clean lens with non-abrasive cleaning solution.
2. Do not open the fixture to clean the LED. Do not touch the LED.

TROUBLESHOOTING

1. Check that the line voltage at the fixture is correct. Refer to wiring directions.
2. Is the fixture grounded properly?
3. Is the photocell, if used, functioning properly?

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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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

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