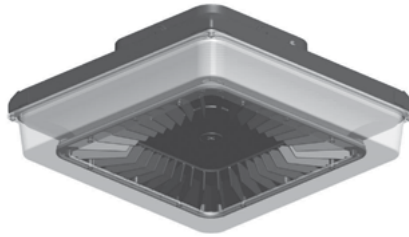


PORTO™ INSTALLATION INSTRUCTIONS



Thank you for buying RAB lighting fixtures. Our goal is to design the best quality products to get the job done right. We'd like to hear your comments. Call the Marketing Department at 888-RAB-1000 or email: marketing@rabweb.com



IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

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.

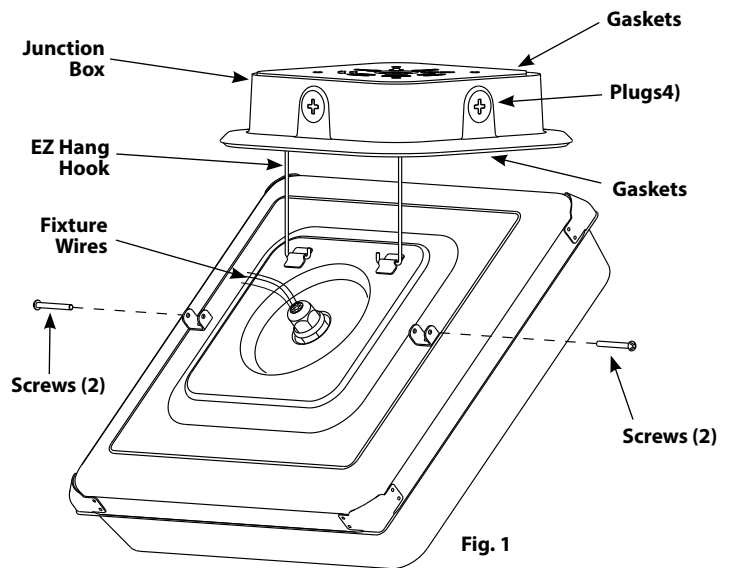
WARNING: Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.

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 Junction Box. This is especially important with an uneven ceiling surface. Silicone all plugs and unused conduit entries.

CEILING MOUNTING

Fixture is suitable for outdoor applications in wet locations.

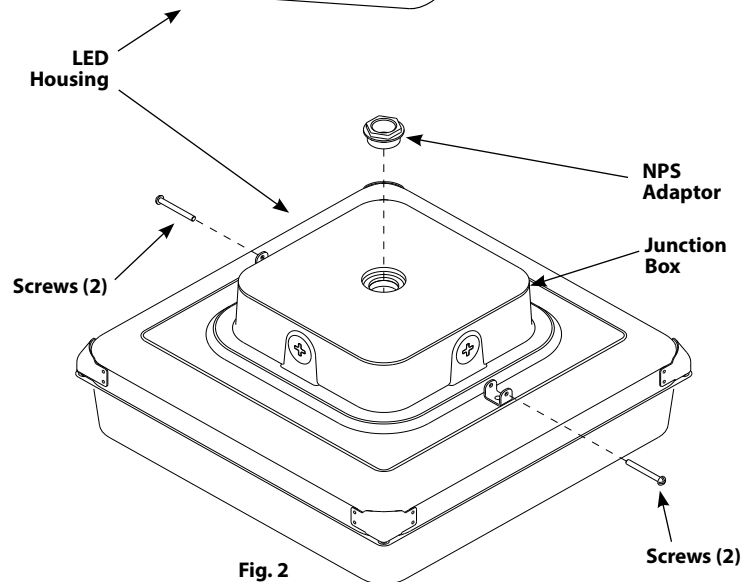
1. Loosen **Screws (2)** to free **Junction Box** from **LED Housing**. Remove **NPS Adaptor** as marked (Fig. 2) if ceiling mounting is flush without recessed box.
2. Mount **Junction Box** to ceiling by knocking out (4) **Knock Out Locations** as marked in Fig. 3. Use the appropriate mounting hardware for the mounting surface. May alternately be mounted to recessed junction boxes.
3. For hands-free wiring hang the fixture on the **EZ Hang Hook** as shown in Fig. 1. Connect supply wires to **Fixture Wires**. Supply can come from back or through either of four 1/2" **Plugs** to make electrical splices. Use appropriate UL approved wire connectors as required by code to complete wiring.
4. Close fixture and tighten **Screws (2)**
5. If mounting surface is irregular, use caulk to seal any gaps around **Junction Box**.



PENDANT MOUNTING

Fixture can be mounted to a 1/2" or 3/4" NPS Pendant. 1/2" to 3/4" NPS Adaptor is included.

1. Feed supply wires through Pendant (supplied by others).
2. Loosen **Screws (2)** on **LED Housing**.
3. Remove 1/2" plug and mount **Junction Box** to Pendant. For 3/4" Pendant, remove plug and **NPS Adaptor**. Hang LED fixture with **EZ Hang Hook** as shown in Fig. 1.
4. Make supply connections wiring sections as shown in **Ceiling Mounting** section above.



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KNOCK OUT LOCATIONS

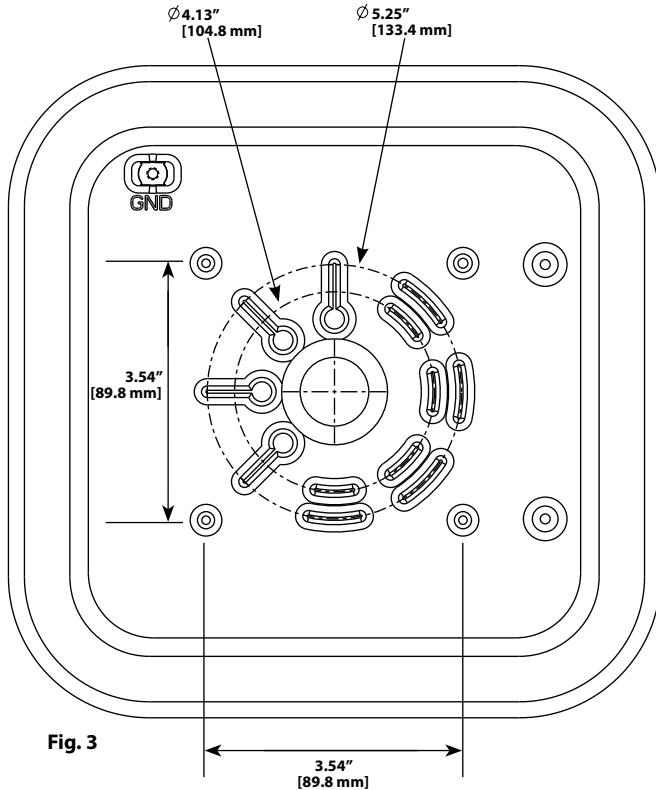


Fig. 3

ON-OFF WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. Units ordered with (/480V) suffix are 480V, 50Hz or 60Hz. For Non-Dimming, follow the wiring directions in fig. 4.

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.

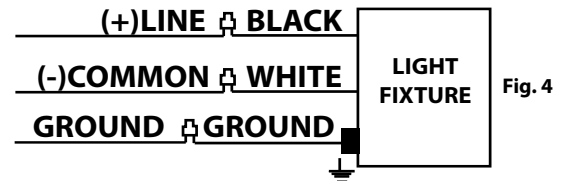


Fig. 4

0-10V DIMMABLE WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. Units ordered with (/480V) suffix are 480V, 50Hz or 60Hz. For 0-10V Dimming, follow the wiring directions in fig. 5.

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 gray fixture lead to the (V-) DIM lead.
6. Cap the yellow fixture lead, if present. Do NOT connect.

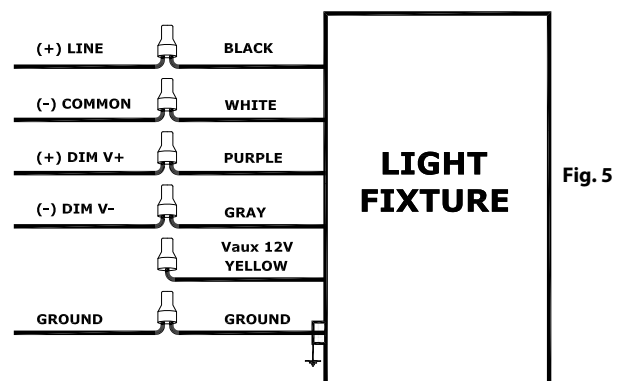


Fig. 5

TROUBLESHOOTING

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

CLEANING & MAINTENANCE

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

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

PATENT - Pending

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 Installation & Product Help

Tech Help Line
Call our experts 888 RAB-1000

rabweb.com
Visit our website for product info

email
Answered promptly sales@rabweb.com