

INSTRUCTIONS

ALED® 10W - 26W 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.

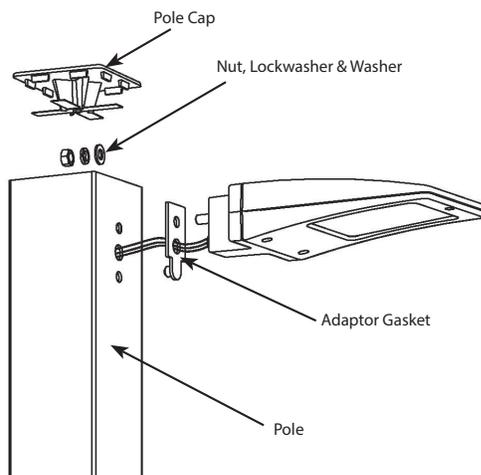
CAUTION: For proper weatherproof function all gaskets must be seated properly and all screws inserted and tightened firmly.

MOUNTING TO POLE

For use with standard RAB pole drilling. See **Pole Drilling Pattern Detail** (Fig. 2).

1. Place **Adaptor Gasket** between the **Fixture** and drilled **Pole** as shown in Fig. 1. Line-up center hole with center hole in the **Pole Drilling Pattern**.
2. Place 3/8-16 bolt from the Adaptor thru the top hole of the **Gasket** to the **Pole**. Use **Nut, Lockwasher and Washer** and tighten inside the **Pole**.
3. Make the necessary wiring connections and knot the wires for strain relief.
4. Install the **Pole Cap**.

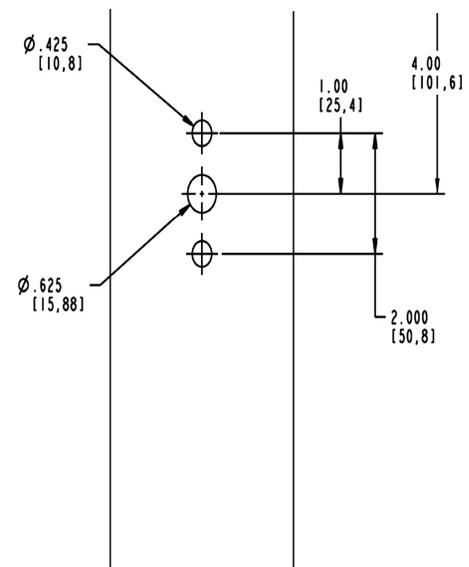
FIG. 1



POLE DRILLING PATTERN DETAIL

For non-RAB poles use these dimensions to drill the pole. This template is not to scale. Please use measurements shown. For RPA and ALED mounting bottom hole is not necessary.

FIG. 2



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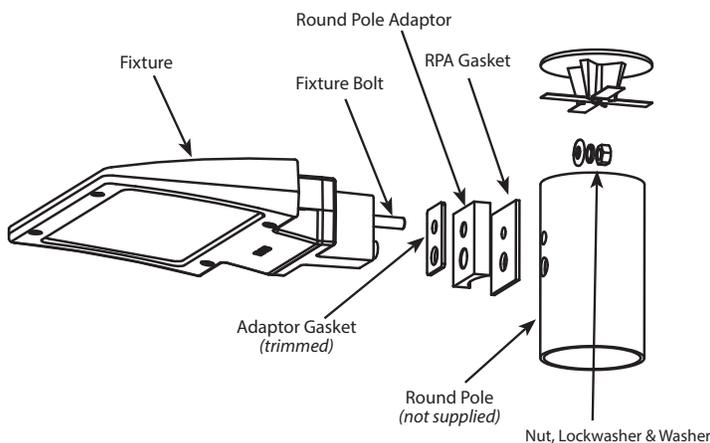
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ROUND POLE ADAPTOR ACCESSORY

For use with standard **RAB Pole Drilling Pattern Detail**.

1. Drill **Round Pole** using the dimensions shown in **Pole Drilling Pattern Detail (Fig. 2)**.
2. Trim **Adaptor Gasket** supplied with **ALED**.
3. **Fixture Bolt** may not be long enough as originally supplied with **ALED**. A longer **Fixture Bolt** is supplied with the RPA LED kits.
4. Changing **Fixture Bolt (if necessary)**:
 - a. Open the Fixture door
 - b. Remove **ALED Adaptor** bracket from fixture
 - c. Change **Fixture Bolt** and re-assemble
5. Place **Round Pole Adaptor** and **RPA Gasket** between the **Fixture** and drilled **Pole** as shown in Fig. 3. Line up top holes of the **Gaskets** and **Round Pole Adaptor** with top hole in the **Pole Drilling Pattern**.
6. Place 3/8-16 **Fixture Bolt** from the **ALED** thru the top hole of the **RPA** and **Gaskets** to the **Round Pole**. Use nut, lockwasher and washer and tighten inside the **Pole**.
7. Feed wires through larger bottom hole. Make the necessary wiring connections and knot the wires for strain relief.
8. Install the **Pole Cap**.

FIG. 3

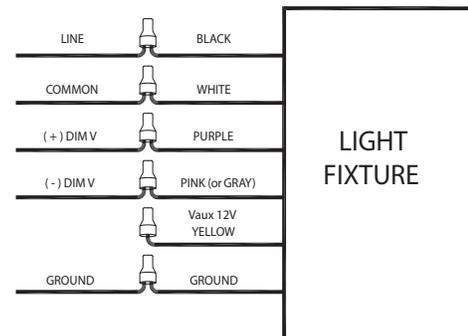


0-10V DIMMABLE WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. For 0-10V Dimming follow the wiring directions shown 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. 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, if present. Do NOT connect.

FIG. 4



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 glass 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?

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