

INSTRUCTIONS

A34™ AREA LIGHT 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.

WARNINGS:

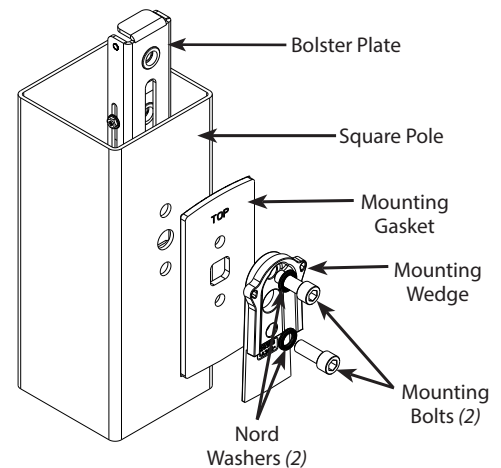
- Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sharp objects.

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

SECURING MOUNTING WEDGE TO SQUARE POLE

1. Refer to the **POLE DRILLING DETAIL** to mark and drill mounting holes in the **Square Pole** as shown in Fig. 8.
2. Line up **Bolster Plate**, **Mounting Gasket** and **Mounting Wedge** with drilled holes on **Pole** as shown in Fig. 1.
3. Secure the **Bolster Plate**, **Mounting Gasket** and **Mounting Wedge** to **Pole** with (2) **Nord Washers** (*provided*) and (3/8-16 **Socket head**) (2) **Mounting Bolts** (*provided*). Do NOT tighten **Mounting Bolts** all the way.
4. Be sure that the **Mounting Gasket** and **Mounting Wedge** are seated properly.
5. Feed supply wires from **Square Pole** through center of **Mounting Gasket** and **Mounting Wedge**.

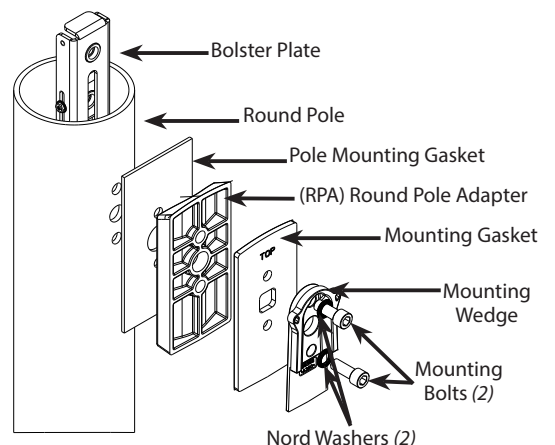
FIG. 1



SECURING MOUNTING WEDGE TO ROUND POLE

1. Refer to the **POLE DRILLING DETAIL** to mark and drill mounting holes in the **Round Pole** as shown in Fig. 8.
2. Line up **Bolster Plate**, **Pole Mounting Gasket**, (**RPA**) **Round Pole Adapter**, **Mounting Gasket** and **Mounting Wedge** with drilled holes on **Round Pole** as shown in Fig. 2.
3. Secure the **Bolster Plate**, **Pole Mounting Gasket**, (**RPA**) **Round Pole Adapter**, **Mounting Gasket** and **Mounting Wedge** to **Pole** with (2) **Nord Washers** (*provided*) and (3/8-16 **Socket head**) (2) **Mounting Bolts** (*provided*). Do NOT tighten **Mounting Bolts** all the way.
4. Be sure that the **Pole Mounting Gasket**, (**RPA**) **Round Pole Adapter**, **Mounting Gasket** and **Mounting Wedge** are seated properly.
5. Feed supply wires from **Round Pole** through center of **Mounting Wedge**, **Mounting Gasket**, (**RPA**) **Round Pole Adapter** and **Pole Mounting Gasket**.

FIG. 2



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MOUNTING FIXTURE TO POLE

1. Slide the **Fixture** onto the **Mounting Wedge** as shown in Fig. 3.
2. Ensure that the **Fixture** is properly seated on the **Mounting Wedge**.
3. Open **Arm Cover** by loosening (1) **Arm Cover Screw** and allow the **Arm Cover** to swing open (Fig. 4).
4. **Secure the Fixture to the Mounting Wedge** by tightening (2) **Mounting Wedge Screws**.
5. Wire the **Fixture** leads to the supply wires using UL listed wire connectors according to NEC and local codes.

To finish square pole or round pole mount follow instructions below:

SQUARE POLE MOUNT

1. Tighten **Nord Washers** (2) and **Mounting Bolts** (2) to fully compress the **Mounting Gasket** against the **Square Pole** and secure **Fixture** to **Mounting Wedge** (Fig. 1).
2. Replace the **Arm Cover** and secure with (1) **Arm Cover Screw**. Be sure not to pinch the wires (Fig. 4).

ROUND POLE MOUNT

1. Tighten **Nord Washers** (2) and **Mounting Bolts** (2) to fully compress the **Pole Mounting Gasket, (RPA) Round Pole Adapter, Mounting Gasket** and **Mounting Wedge** against the **Round Pole** and secure **Fixture** to **Mounting Wedge** (Fig. 2).
2. Replace **Arm Cover** and secure with (1) **Arm Cover Screw**. Be sure not to pinch the wires (Fig. 4).

SLIPFITTER MOUNTING

1. The **Slipfitter** fits a 2 3/8" O.D. **Tenon**. Feed the supply wires from the **Pole** through the **Slipfitter**. Place the **Slipfitter** over the **Tenon** and secure with **Set Screws** (2) on the side of the **Slipfitter** (Fig. 5).
2. Attach the **Mounting Gasket** and **Mounting Wedge** to the **Slipfitter** with (2) **Nord Washers** (provided) and (3/8-16 **Socket Head**) **Screws**, (2) **Mounting Bolts** (provided). **DO NOT** tighten **Mounting Bolts** all the way (Fig. 6).
3. Be sure that the **Mounting Gasket** and **Mounting Wedge** are seated properly.
4. Slide the **Fixture** onto the **Mounting Wedge** as shown in Fig. 4.
5. Ensure that the **Fixture** is properly seated on the **Mounting Wedge**.
6. Open **Arm Cover** by loosening (1) **Arm Cover Screw** and allow the **Arm Cover** to swing open.
7. **Secure the Fixture to the Mounting Wedge** by tightening (2) **Mounting Wedge Screws**.
8. Wire the **Fixture** leads to the supply wires using UL listed wire connectors according to NEC and local codes.
9. Tighten **Nord Washers** and **Mounting Bolts** to compress the **Mounting Gasket** against the **Slipfitter** (Fig. 6).

FIG. 3

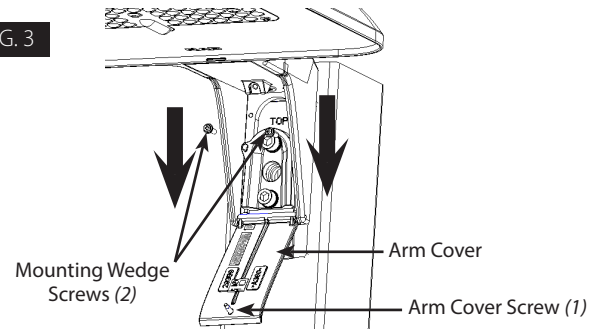


FIG. 4

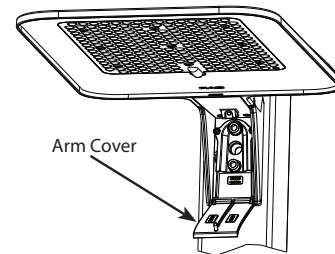


FIG. 5

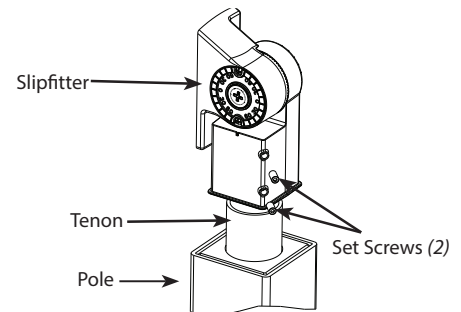


FIG. 6

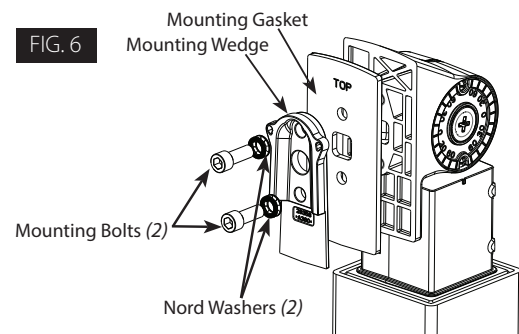
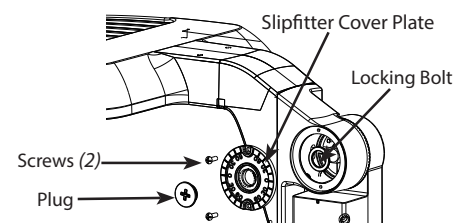


FIG. 7



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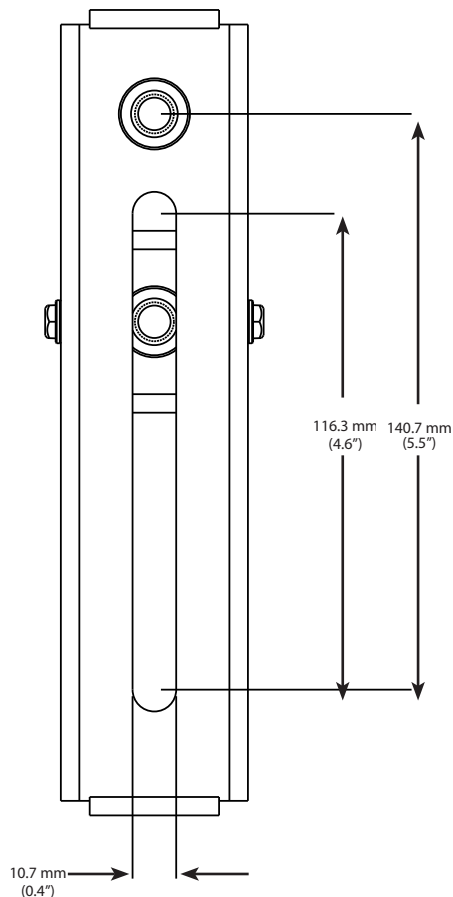
SLIPFITTER MOUNTING (cont'd)

10. Replace **Arm Cover** and secure with (1) **Arm Cover Screw**. Be sure not to pinch the wires
11. To adjust the angle of the **Slipfitter** remove **Screws (2)** and the **Slipfitter Cover Plate**. Loosen the **Locking Bolt** and swivel **Fixture** to desired angle. The graduation on the **Slipfitter Cover Plate** can be used as guidelines to adjust the angle (Fig. 7).
12. Tighten the **Locking Bolt**. Replace **Slipfitter Cover Plate**. Tighten **Screws (2)** and close the **Plug**.
13. Seal **Plug** using Teflon tape or silicone sealant.

POLE DRILLING DETAIL

Dimensions of the holes on **PA** and **Bolster Plate**. This template is not to scale. Please use measurements as shown in Fig. 8.

FIG. 8



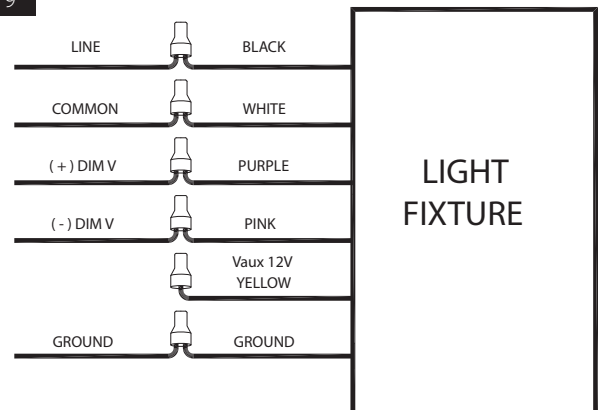
0-10V DIMMABLE WIRING

Universal voltage driver permits operation at 120V through 277V, 50 or 60 Hz. For 0-10V dimming, follow the wiring directions as shown in Fig. 9.

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.
4. Connect the purple fixture lead to the **(V+) DIM** lead.
5. Connect the pink fixture lead to the **(V-) DIM** lead.

NOTE: Do not connect DIM V+ (purple)/ DIM V- (pink) to line voltage or supply ground.

FIG. 9



CLEANING & MAINTENANCE

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

1. Clean acrylic 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?
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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P-100113

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