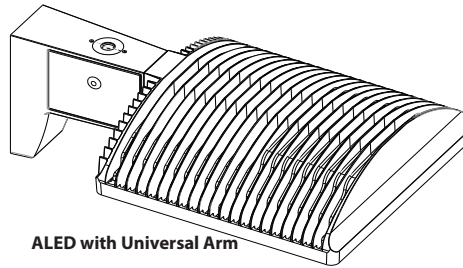# ALED® 50W -150W WITH UNIVERSAL ARM INSTRUCTIONS

RAB LIGHTING®

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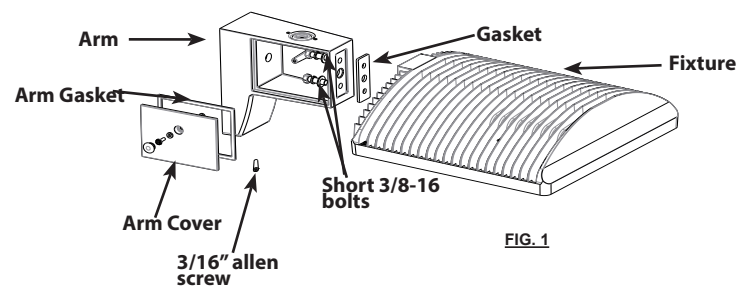
ALED with Universal Arm

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.
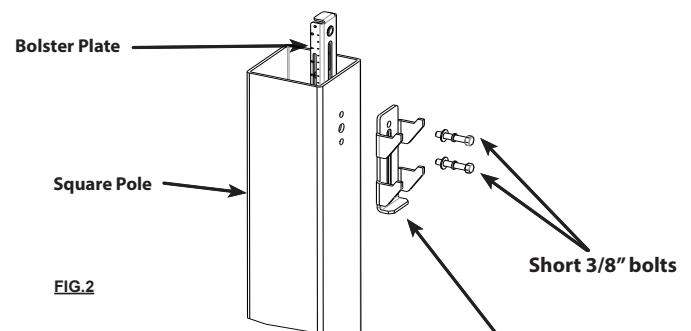
MOUNTING THE UNIVERSAL ARM ON THE FIXTURE

1. Remove the **Arm Cover** from the **Arm**.
2. Feed wires from **Fixture** through **Gasket** into **Arm**.
3. Line up **Arm** and **Fixture**. Place flat washers, lock washers and nuts on the **Short 3/8-16 bolts** inside the **Arm** and tighten securely to housing.
4. Make sure the **Gasket** is secure between **Arm** and **Fixture**.

Arm • Gasket • Fixture • Arm Gasket • Arm Cover • Short 3/8-16 bolts • 3/16" allen screw
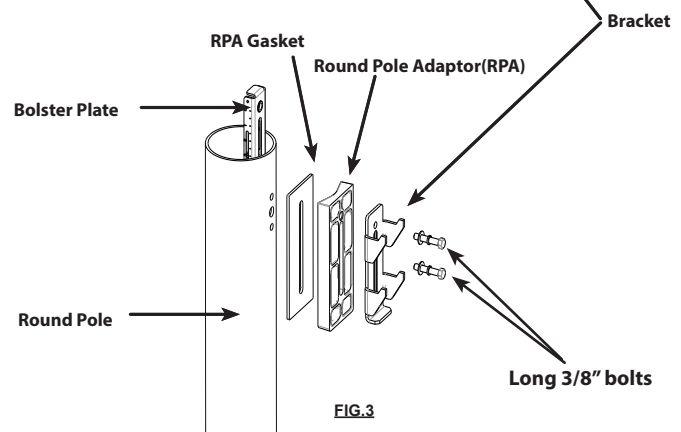
FIG. 1

SQUARE POLE BRACKET MOUNT

1. Remove **Round pole** adaptor and **RPA gasket**.
2. Place the **Bolster plate** inside the pole..
3. Place the **bracket** to match the holes on the **pole**
4. Feed supply wires from the pole through the **Bracket** to be connected to the **Arm.**
3. Place **flat washers**, **lock washers** and **nuts** on the **Short 3/8-16 bolts** tighten to the pole.

Bolster Plate • Square Pole • Short 3/8" bolts

FIG.2

ROUND POLE BRACKET MOUNT

1. Place **Round Pole Adaptor (RPA)** and **RPA Gasket** between the fixture and drilled **Pole** as shown in Fig.3.
2. Line up the holes of the **Gaskets** and **Round Pole Adaptor** with top hole in the pole drilling pattern.
3. Feed supply wires from the pole through the **Bracket** to be connected to the **Arm**.
4. Place **long 3/8" Bolts** provided through the top hole of the RPA and Gaskets to the Round **Pole** thread into **Bolster Plate**.

Bracket • RPA Gasket • Round Pole Adaptor(RPA) • Bolster Plate • Round Pole • Long 3/8" bolts

FIG.3

ALED® 50W -150W WITH UNIVERSAL ARM INSTRUCTIONS

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MOUNTING FIXTURE TO THE POLE

1. Remove the **Arm Cover** from the **Arm**.

2. Feed supply wires which are already pulled out from the pole through the bracket into the **Arm**.

3. Make necessary connections inside the **Arm** and knot wires for strain relief.

4. Slide the **metal hanger plates** at the back of the Arm to the **mounting hooks** of the bracket on the pole,to secure the fixture to the pole.

5. Replace the **Arm Cover**. Be sure the **Gasket** on **Arm Cover** is in place. Tighten **Screws** and add the **Plugs**. Secure **Pole cap**. Tighten Set screw at the bottom of the arm.
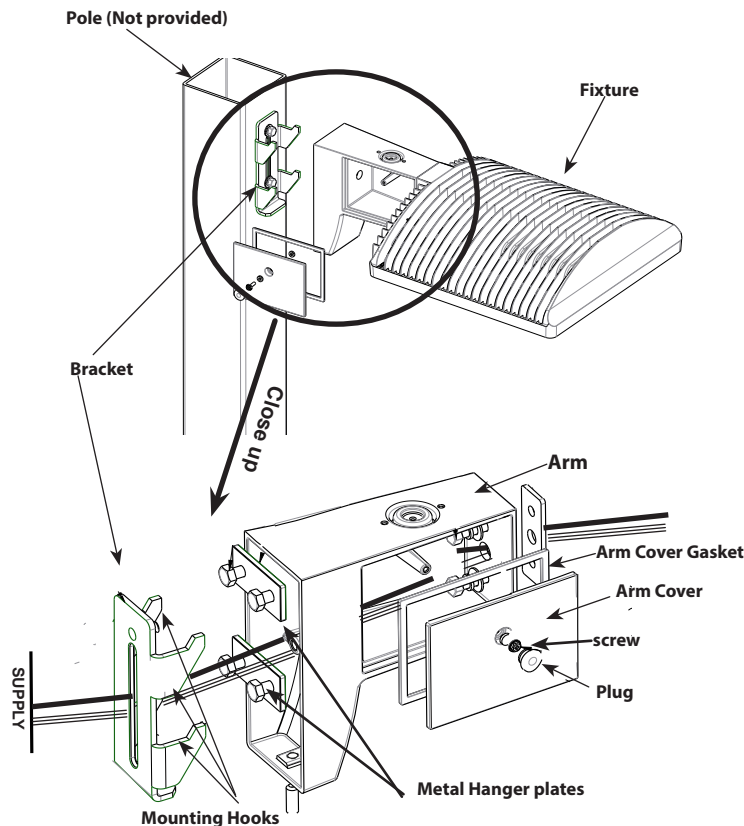
ON-OFF WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. Units ordered with (/480V) suffix are 480V, 60Hz. For Non-Dimming, follow the wiring directions as 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.
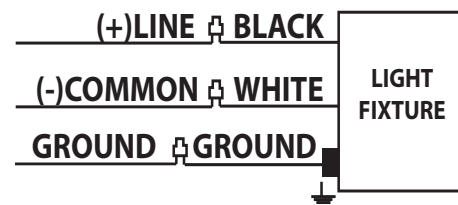
3. Connect the GROUND wire from fixture to supply ground.

FIG.5

PHOTOCELL INSTALLATION

Wire the photocell as shown below.(Fig.6)

1. Remove close up plug on top of the wall mounting box.

2. Install photocell and wire as per diagram.
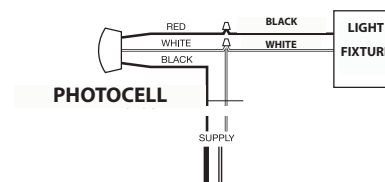
3. Use photocell rated for your supply voltage.

FIG.6

FIG.4

ALED® 50W -150W WITH UNIVERSAL ARM INSTRUCTIONS

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0-10V DIMMABLE WIRING WITH WATTSTOPPER SENSOR

Universal voltage driver and Wattstopper Sensor permits operation at 120V thru 277V, 50 or 60 Hz. For 0-10V Dimming with Wattstopper, follow the wiring directions (Fig.7)

1. Connect the black fixture lead to the LOAD of Wattstopper Sensor.

2. Connect LINE of Wattstopper Sensor to LINE supply lead.

3. Connect the white fixture lead and NEUTRAL of Wattstopper Sensor to the COMMON supply lead.

4. Connect the GROUND wire from fixture and Wattstopper Sensor to supply ground. Do NOT connect the GROUND of the dimming fixture to the output.

5. Connect the purple fixture lead to DIM + of Wattstopper Sensor.

6. Connect the gray fixture lead to the DIM - of Wattstopper Sensor lead.

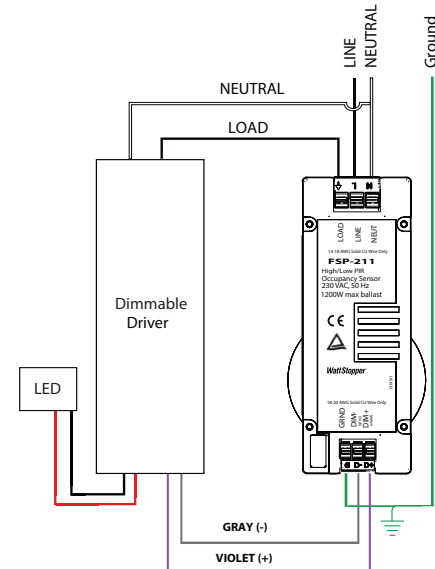7. Cap the yellow fixture lead, if present. Do NOT connect.

CLEANING & MAINTENANCE

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

1. Clean glass lens with non-abrasive glass cleaning solution.

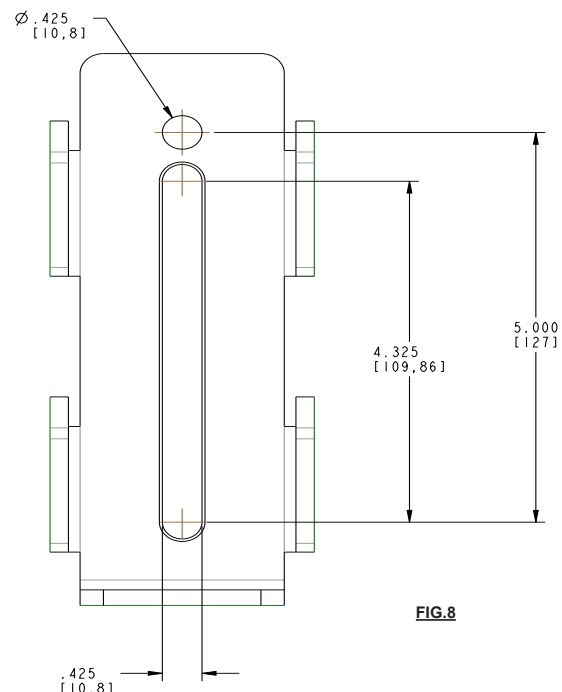2. Do not open fixture to clean the LED. Do not touch the LED.

TROUBLESHOOTING

1. Check that the line voltage at the fixture is correct. Refer to wiring directions.

2. Be sure the fixture is grounded properly.

3. Is the photocell, if used, functioning properly?

ACCESSORIES

• **LALED150**-Door Lens replacement
   Avaiable in Bronze, (W)White, (RG)Gray

• **GOALED150W**-Wire Guard
   Available in (G)Grey

DIMMABLE WIRING DIAGRAM

FIG.7

POLE DRILLING DETAIL

Dimensions of the holes on RPA and Bracket.

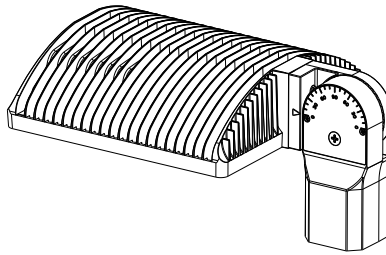This template is not to scale. Please use measurements shown in Fig.8.

FIG.8

Patent: US: pat. D668,370

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.

ALED® SLIPFITTER 50W 78W 105W 125W 150W INSTRUCTIONS

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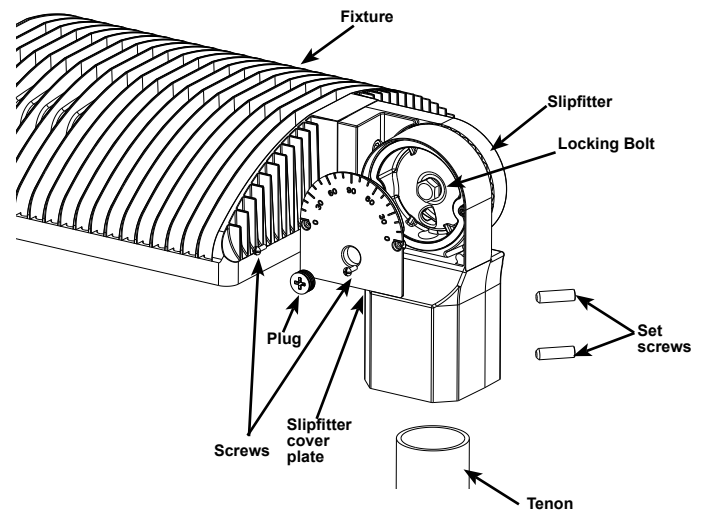
IMPORTANT
READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.
RAB fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE 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.

MOUNTING FIXTURE
1. The **Slipfitter** fits a 2 3/8" O.D. **Tenon**. Place the slipfitter over the tenon and secure the fixture with 2 **Set Screws** on the side of the slipfitter.

2. Feed wires from **Fixture** through slipfitter and supply wires from **Pole**. Make the necessary connections in the slipfitter and knot wires for strain relief.

3. To adjust the angle of the slipfitter, remove 2 **screws** and remove 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.

4. Tighten the **Locking Bolt.** Replace slipfitter cover plate**.** Tighten **Screws** and close the **Plug.**

5. Seal **Plug** using Teflon tape or silicone sealant.

CLEANING & MAINTENANCE
CAUTION: Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.
1. Clean glass lens with non-abrasive glass cleaning solution.
2. Do not open fixture to clean the LED. Do not touch the LED.

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

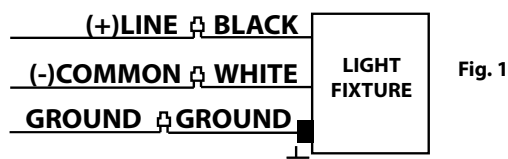# ALED® SLIPFITTER 50W 78W 105W 125W 150W INSTRUCTIONS

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ON-OFF WIRING

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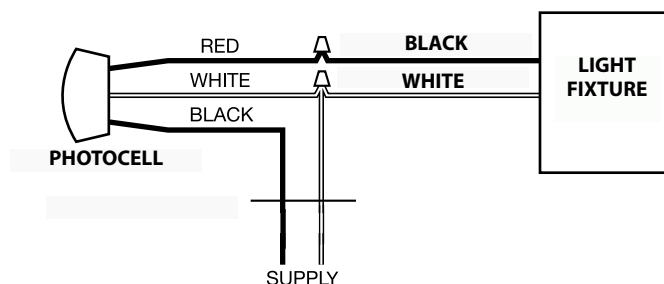
1. Connect the black fixture lead to the (+) LINE supply lead.
2. Connect the white fixture lead to the (-) COMMON supply lead.
3. Connect the GROUND wire from fixture to supply ground.

Fig. 1

PHOTOCELL INSTALLATION

Photocell may be installed in the field. Apply weatherproof silicone sealant to all plugs and unused conduit entries.
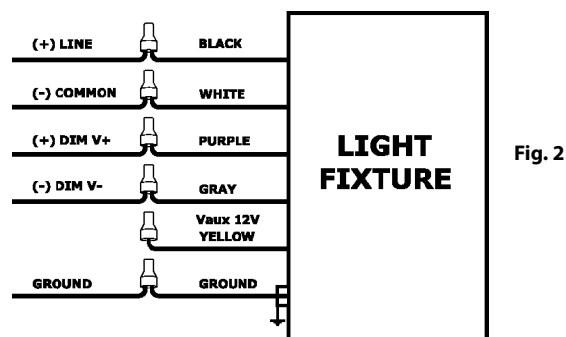
1. Remove close up plug on top of the wall mounting box.
2. Install photocell and wire as per diagram.
3. Use photocell rated for your supply voltage.

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 as in fig. 2.

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. 2

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	**rabweb.com**	**email**
Call our experts 888 RAB-1000	Visit our website for product info	Answered promptly sales@rabweb.com