

# INSTRUCTIONS

## X17™ FA FIELD ADJUSTABLE 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



X17 Knuckle Mount



X17 Slipfitter Mount



X17 Trunnion Mount

### 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.**

**WARNING: Do not use an electric generator to test LED fixtures.**

**WARNING: Min 75°C SUPPLY CONDUCTORS.**

### KNUCKLE MOUNT

*(suitable for 15W, 35W, 60W, 80W)*

1. Secure the fixture to a 1/2" NPS hole in the junction box or landscape post as shown in Fig. 1.
2. Make appropriate wire connections per NEC in an approved enclosure (*not included*) see Fig. 8.
3. The **Knuckle Arm** allows 180° of vertical aiming adjustment depending on the mounting position as shown in Fig. 2.

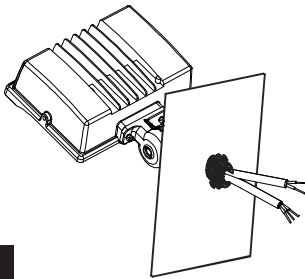


Fig. 1

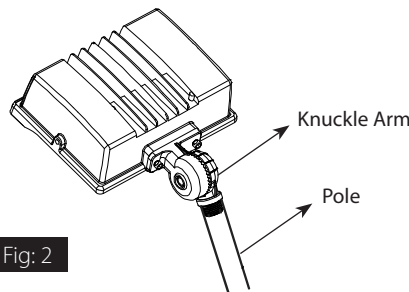


Fig. 2

### SLIPFITTER MOUNT

*(suitable for 105W, 140W)*

1. Place the **Slipfitter** over the **Tenon** and secure the **Fixture** with the **Screws** on the side of the **Slipfitter** as shown in Fig. 3.
2. Make appropriate wire connections per NEC in an approved enclosure (*not included*) see Fig. 8.
3. Loosen the **Locking Bolt** and swivel **Fixture** to desired angle.
4. Tighten the **Locking Bolt**.

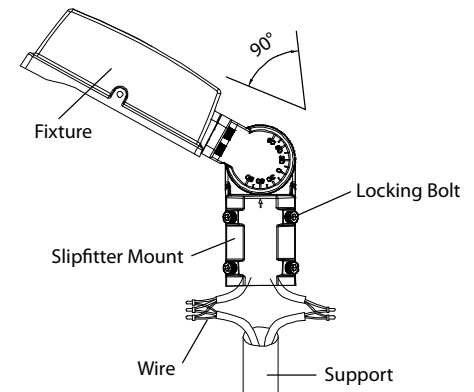


Fig. 3

### TRUNNION MOUNT

*(suitable for 105W, 140W)*

To adjust the angle of the **Fixture** using the **Trunnion** (Fig. 4):

1. Loosen the **Pivot Bolts** and **Angle Locking Screws**.
2. Make appropriate wire connections per NEC in a approved enclosure (*not included*) see Fig. 8.
3. Adjust fixture to desired angle.
4. Tighten **Pivot Bolts** and **Angle Locking Screw**.

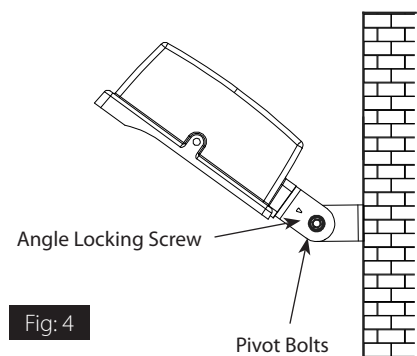


Fig. 4

# INSTRUCTIONS

## X17™ FA FIELD ADJUSTABLE INSTALLATION



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### FIELD ADJUSTMENT

Follow instructions below to change fixture Color Temperature (CCT) from the factory settings and **Photocell** On/Off option.

**Factory Settings:** 4000K (CCT)

1. Remove **Selector Switch Caps** by turning counter clockwise using a flat head screwdriver **Fig. 5**.
2. Locate the **Selector Switches** on the fixture **Fig. 6,7**.
3. Select Color Temperature (CCT) by sliding the respective switch to the desired value.
4. Select **Photocell** On/Off option by sliding respective switch to the desired value.

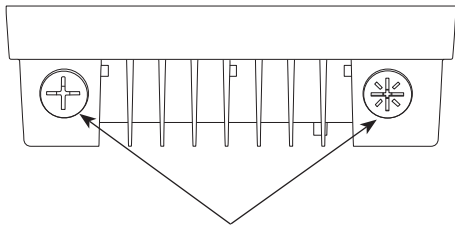


Fig: 5

Selector Switch Caps

15W, 35W, 60W

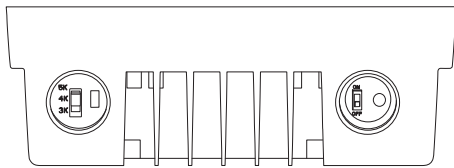


Fig: 6

CCT Selector Switch

Photocell Selector Switch

105W, 140W

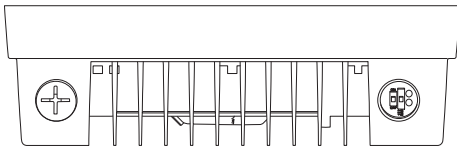


Fig: 7

Photocell Selector Switch

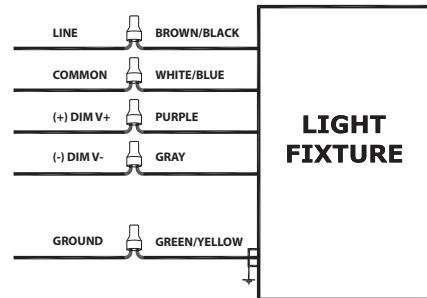
CCT Selector Switch

### 0-10V DIMMABLE WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. For 0-10 Dimming, follow the wiring directions as in **Fig. 8**.

1. Connect the Black/Brown fixture lead to the LINE supply lead.
2. Connect the White/Blue fixture lead to the COMMON supply lead.
3. Connect the Green/Yellow 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 DIM V+ lead.
5. Connect the gray fixture lead to the DIM V- lead.
6. Cap the yellow fixture lead, if present. Do NOT connect.

Fig: 8



### 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 the fixture to clean the LED. Do not touch the LED.

### TROUBLESHOOTING

1. Is the fixture grounded properly?
2. It is recommended to wear gloves to avoid injury during installation.
3. If any smoke or spark, please turn off the power immediately.

*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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# INSTRUCTIONS

## X17™ FLOODLIGHT SLIPFITTER KIT INSTALLATION



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SFX17-60-80

### IMPORTANT

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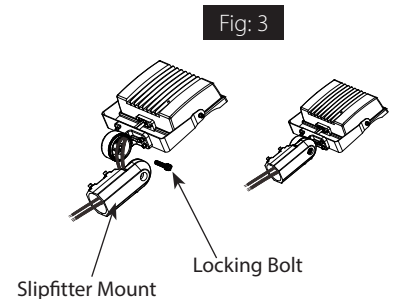
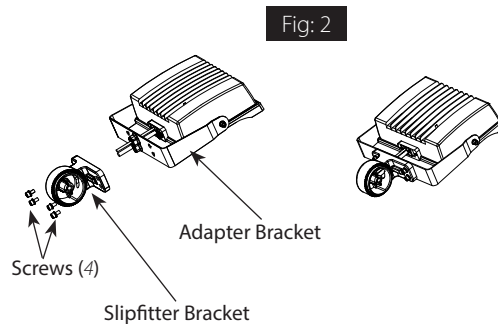
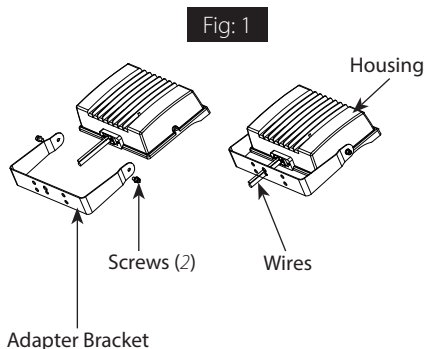
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**WARNING: Make certain power is OFF before installing or maintaining fixture.**

## INSTALLATION

### Notice: 0° - 90° of angle adjustment.

1. Secure **Adapter Bracket** to **Housing** with (2) **Screws** (provided). Feed **Housing** wires through **Adapter Bracket** as shown in **Fig. 1**.
2. Feed **Housing** wires through **Slipfitter Bracket** and secure to the **Adapter Bracket** with (4) **Screws** as shown in **Fig. 2**.
3. Continue wire feed through the **Slipfitter Mount** and secure to the **Slipfitter Bracket** with **Locking Bolt** as shown in **Fig. 3**.
4. Wire the **Housing** leads to supply wires using UL listed wire connectors according to NEC and local codes.
5. To adjust **Housing** angle, loosen **Locking Bolt** and set **Housing** to desired angle.
6. Tighten the **Locking Bolt** to set angle.



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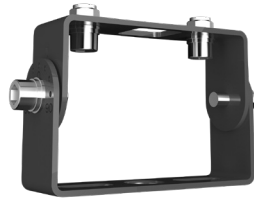
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# INSTRUCTIONS

## X17™ FLOODLIGHT TRUNNION KIT INSTALLATION



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TX17-60-80

### IMPORTANT

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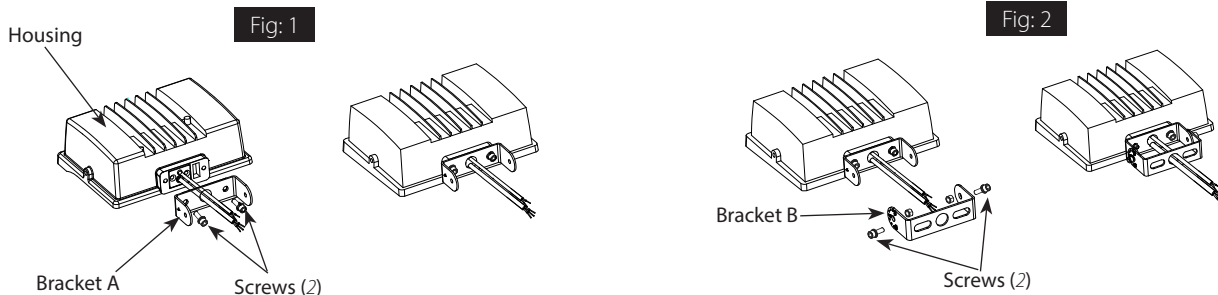
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### INSTALLATION

**Notice: 0° - 180° of angle adjustment.**

1. Feed **Housing** wires through **Bracket A**. Secure **Bracket A** to **Housing** with (2) **Screws** (*provided*) as shown in **Fig. 1**.
2. Feed **Housing** wires through **Bracket B** and secure to **Bracket A** with (2) **Screws** (*provided*) as shown in **Fig. 2**.
3. Wire the **Housing** leads to supply wires using UL listed wire connectors according to NEC and local codes.
4. To adjust the **Housing** angle loosen (2) **Screws** on **Bracket B**, set to desired angle and tighten (2) **Screws**.



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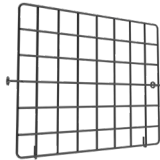
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# INSTRUCTIONS

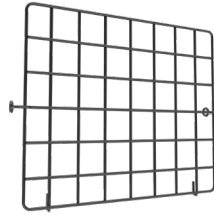
## X17™ FLOODLIGHT WIRE GUARD INSTALLATION



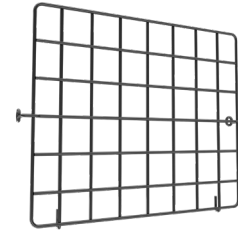
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GDX17-15-35



GDX17-60-80



GDX17-105-140

### IMPORTANT

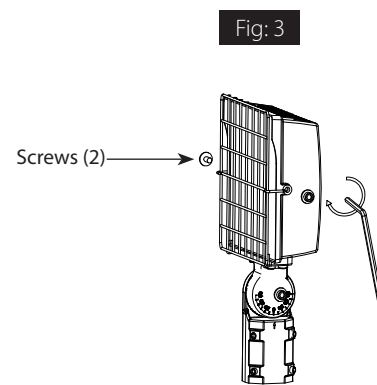
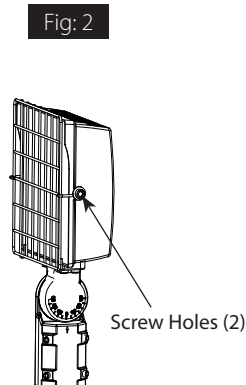
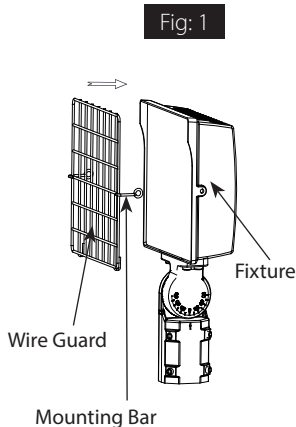
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### INSTALLATION

1. Wire Guard mounts with (2) Screws and Mounting Bar as shown in Fig. 1. Hardware is provided.
2. Mount Wire Guard onto Fixture. Line up Mounting Bar with pre-existing Screw Holes in fixture frame as shown in Fig. 2.
3. Tighten (2) Screws to secure Wire Guard and Mounting Bar to Fixture as shown in Fig. 3.



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