

# INSTRUCTIONS

## X17™ XFU 3-WAY FIELD-ADJUSTABLE FLOODLIGHT SELECTABLE PHOTOCELL 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](mailto:marketing@rablighting.com)



X17 XFU 35/25/15W Knuckle

### 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.**

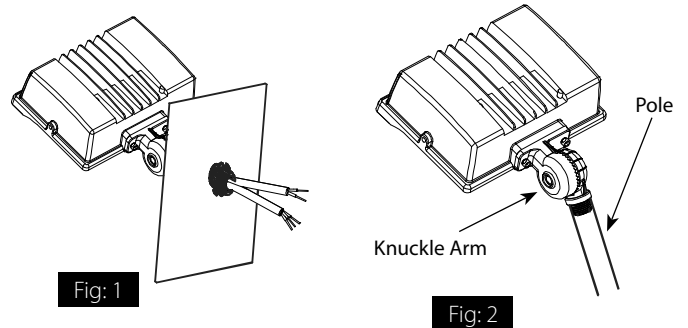
**WARNING: Do not use an electric generator to test LED fixtures.**

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

### KNUCKLE MOUNT

To ensure weatherproof seal, apply weatherproof silicone sealant around the edge of the junction box (*not supplied*). This is especially important with an uneven wall surface.

1. Secure the fixture to a 1/2" NPS hole in the junction box or landscape post as shown in **Fig. 1**. Seal arm thread using Teflon® tape or silicone sealant.
2. Make appropriate wire connections per NEC in an approved enclosure (*not included*) see **Fig. 5**.
3. The **Knuckle Arm** allows 180° of vertical aiming adjustment depending on the mounting position as shown in **Fig. 2**.

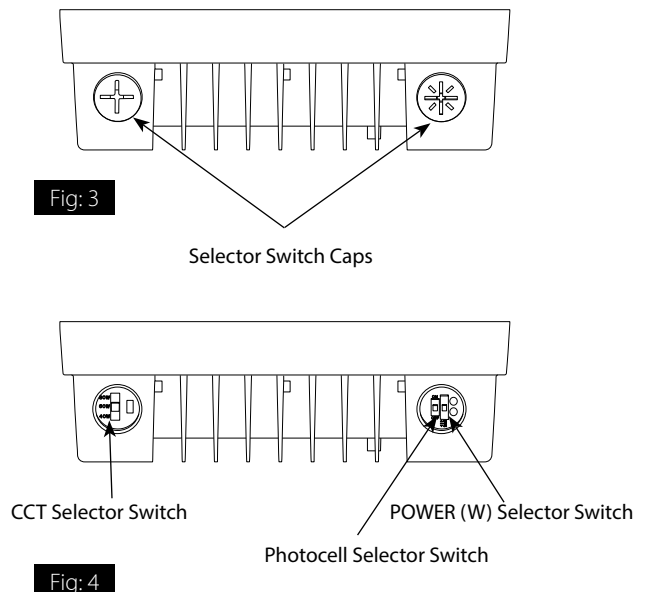


### FIELD ADJUSTMENT

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

#### **Factory Settings: 4000K and 35W**

1. Remove **Selector Switch Caps** by turning counterclockwise using a flat head screwdriver (**Fig. 3**).
2. Locate the **Selector Switches** on the fixture (**Fig. 4**).
3. Select **Power (W)** and **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.



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## X17™ XFU 3-WAY FIELD-ADJUSTABLE FLOODLIGHT SELECTABLE PHOTOCELL INSTALLATION

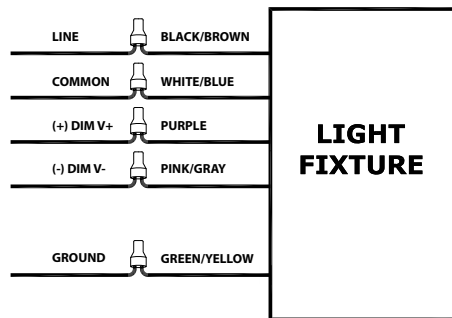


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### 0-10V DIMMABLE WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. For 0-10 Dimming, follow the wiring directions as shown in Fig. 5.

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 pink/gray fixture lead to the DIM V- lead.
6. 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 the fixture to clean the LED. Do not touch the LED.

### TROUBLESHOOTING

1. Is the fixture grounded properly?
2. It is recommended that gloves be worn 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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## X17™ XFU 3-WAY FIELD-ADJUSTABLE FLOODLIGHT INSTALLATION



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X17 XFU 60/50/30W Knuckle



X17 XFU 60/50/30W Trunnion



X17 XFU 60/50/30W Slipfitter

### IMPORTANT

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

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**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

To ensure weatherproof seal, apply weatherproof silicone sealant around the edge of the junction box (*not supplied*). This is especially important with an uneven wall surface.

1. Secure the fixture to a 1/2" NPS hole in the junction box or landscape post as shown in **Fig. 1**. Seal arm thread using Teflon® tape or silicone sealant.
2. Make appropriate wire connections per NEC in an approved enclosure (*not included*) see **Fig. 7**.
3. The **Knuckle Arm** allows 180° of vertical aiming adjustment depending on the mounting position as shown in **Fig. 2**.

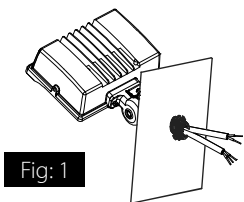


Fig: 1

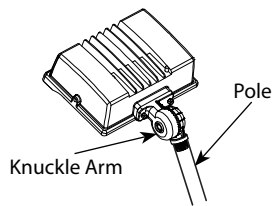


Fig: 2

### TRUNNION MOUNT

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 an approved enclosure (*not included*) see **Fig. 7**.
3. Adjust fixture to desired angle.
4. Tighten **Pivot Bolts** and **Angle Locking Screw**.

### SLIPFITTER MOUNT

1. Place the **Slipfitter** over the **Tenon** and secure the **Fixture** with the **Locking Bolts** (4) 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. 7**.
3. Loosen the **Locking Bolts** (4) and swivel **Fixture** to desired angle.
4. Tighten the **Locking Bolts** (4).

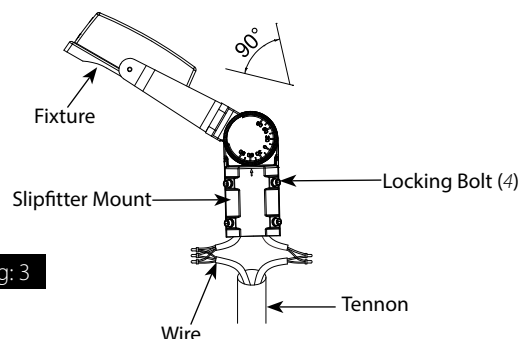


Fig: 3

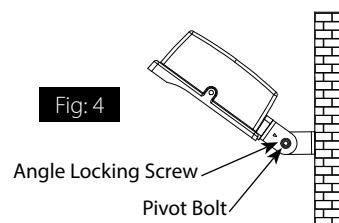


Fig: 4

# INSTRUCTIONS

## X17™ XFU 3-WAY FIELD-ADJUSTABLE FLOODLIGHT INSTALLATION



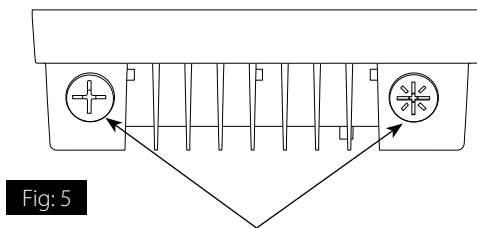
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### FIELD ADJUSTMENT

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

Factory Settings: 4000K and 60W

1. Remove **Selector Switch Caps** by turning counterclockwise using a flat head screwdriver (Fig. 5).
2. Locate the **Selector Switches** on the fixture (Fig. 6).
3. Select **Power (W)** and **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.
5. Replace **Selector Switch Caps** and tighten with a flat head screwdriver.



Selector Switch Caps

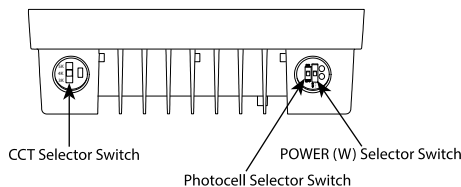


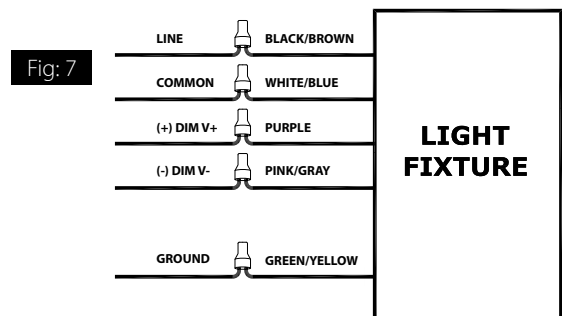
Fig: 6

**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.

### 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 shown in Fig. 7.

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 pink/gray fixture lead to the DIM V- lead.
6. 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 the fixture to clean the LED. Do not touch the LED.

### TROUBLESHOOTING

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



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X17 XFU 80/60/40W Knuckle



X17 XFU 80/60/40W Trunnion

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**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

To ensure weatherproof seal, apply weatherproof silicone sealant around the edge of the Junction Box (*not supplied*). This is especially important with an uneven wall surface.

1. Secure the fixture to a 1/2" NPS hole in the junction box or landscape post as shown in **Fig. 1**. Seal arm thread using Teflon® tape or silicone sealant.
2. Make appropriate wire connections per NEC in an approved enclosure (*not included*) see **Fig. 9**.
3. The **Knuckle Arm** allows 180° of vertical aiming adjustment depending on the mounting position as shown in **Fig. 2**.

Fig: 1

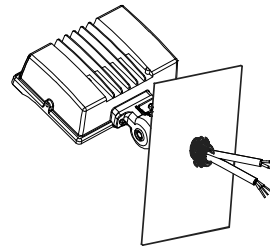


Fig: 2

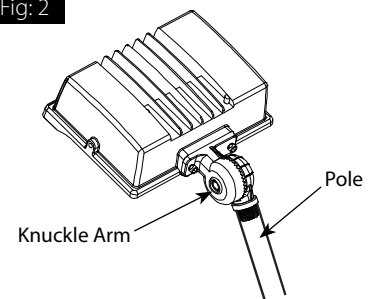


Fig: 3

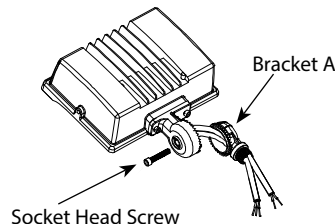
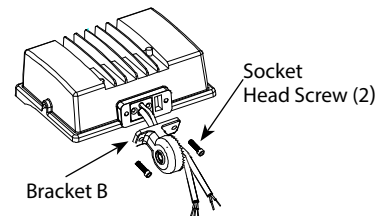


Fig: 4



### TRUNNION MOUNT

**Trunnion Mount accessory included.**

To Install the Trunnion:

1. Remove the pre-installed **Knuckle Mount** by loosening the **Socket Head Screw** and removing **Bracket A** as shown in **Fig. 3**.
2. Loosen 2 **Socket Head Screws** to remove **Bracket B** as shown in **Fig. 4**.
3. Insert **Fixture** wires through the **Trunnion** and align with **Fixture** screw holes. Secure the **Trunnion** to the **Fixture** by tightening 2 **Socket Head Screws** as shown in **Fig. 5**.

Fig: 5

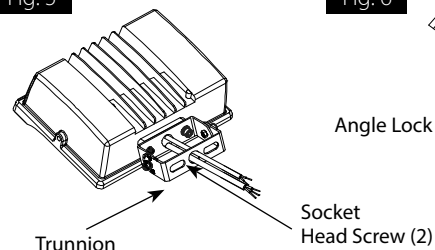
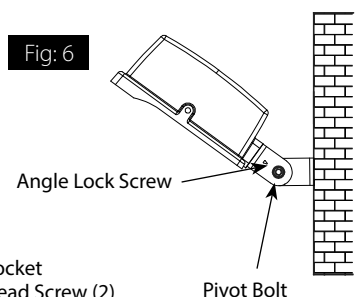


Fig: 6



# INSTRUCTIONS

## X17™ XFU 3-WAY FIELD ADJUSTABLE FLOODLIGHT SELECTABLE PHOTOCELL INSTALLATION



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### TRUNNION MOUNT CONT.

*To adjust the angle of the fixture using the Trunnion (Fig. 6).*

1. Loosen the **Pivot Bolts** and **Angle Locking Screws**.
2. Make appropriate wire connections per NEC in a approved enclosure (*not included*) see **Fig 9**.
3. Adjust **Fixture** to desired angle (*Fig. 6*).
4. Tighten **Pivot Bolts** and **Angle Locking Screws**.

### FIELD ADJUSTMENT

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

**Factory Settings: 4000K and 60W**

1. Remove **Selector Switch Caps** by turning counterclockwise using a flat head screwdriver (*Fig. 7*).
2. Locate the **Selector Switches** on the fixture (*Fig. 8*).
3. Select **Power (W)** and **Color Temperature (CCT)** by sliding the respective switch to the desired value.
4. Select **Photocell On/Off** option by by sliding respective switch to the desired value.

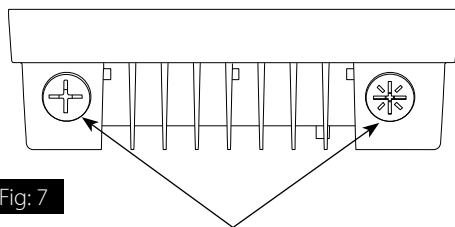


Fig: 7

Selector Switch Caps

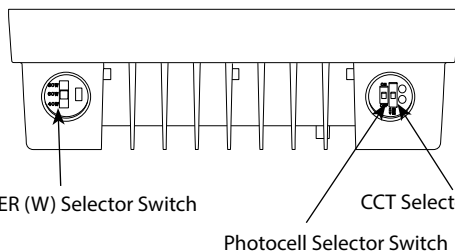


Fig: 8

POWER (W) Selector Switch

CCT Selector Switch

Photocell 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 shown in **Fig. 9**.

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

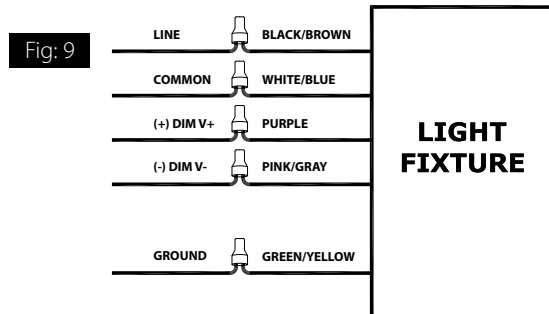


Fig: 9

### CLEANING & MAINTENANCE

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

1. Clean 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 that gloves be worn to avoid injury during installation.
3. If any smoke or spark, please turn off the power immediately.

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## X17™ XFU FIELD-ADJUSTABLE INSTALLATION



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X17 XFU Slipfitter  
205/150/100W & 330/250/175W



X17 XFU Trunnion  
205/150/100W & 330/250/175W

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

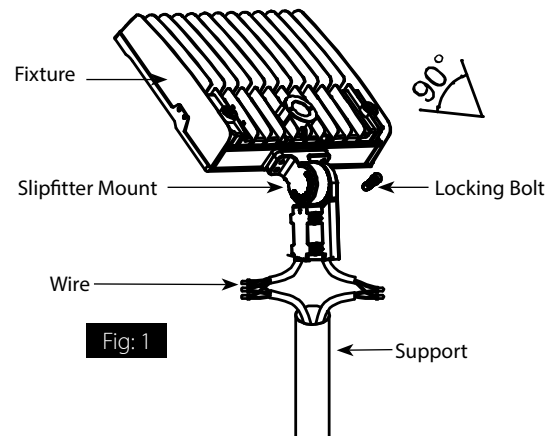
**WARNING: Min 75°C SUPPLY CONDUCTORS.**

**ATTENTION: If the Photocell function is not required, the Shorting Cap (*provided*) must be installed in place of the Photocell.**

### SLIPFITTER MOUNT

*(suitable for 205W, 330W)*

1. Place the **Slipfitter** over the **Tenon** and secure the **Fixture** with the **Screws** on the side of the **Slipfitter** as shown in **Fig. 1**.
2. Make appropriate wire connections per NEC in an approved enclosure (*not included*) see **Fig. 6**.
3. Loosen the **Locking Bolt** and swivel **Fixture** to desired angle.
4. Tighten the **Locking Bolt**.



### TRUNNION MOUNT

*(suitable for 205W, 330W)*

To adjust the angle of the **Fixture** using the **Trunnion** (*Fig. 2*):

1. Loosen the **Pivot Bolts** and **Angle Locking Screws**.
2. Make appropriate wire connections per NEC in an approved enclosure (*not included*) see **Fig. 6**.
3. Adjust fixture to desired angle.
4. Tighten **Pivot Bolts** and **Angle Locking Screw**.

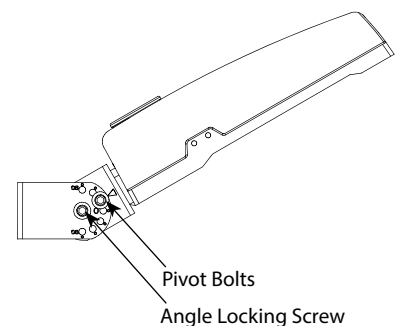


Fig. 2

# INSTRUCTIONS

## X17™ XFU FIELD-ADJUSTABLE INSTALLATION



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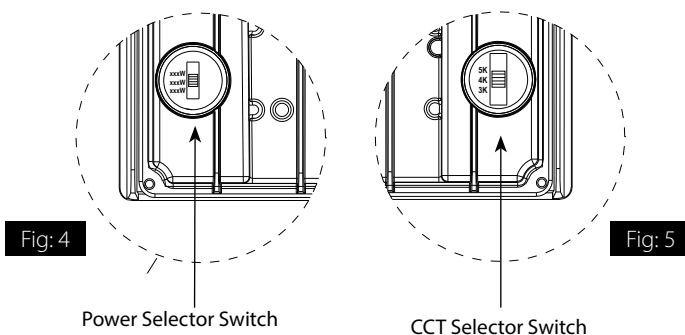
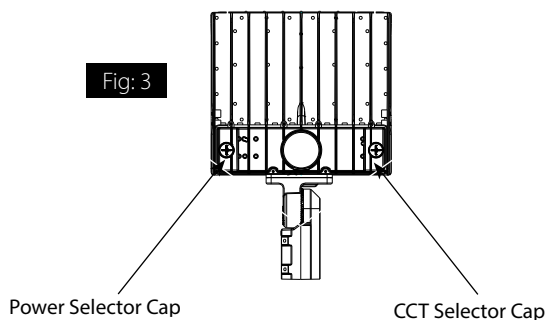
### FIELD ADJUSTMENT

Follow instructions below to change Power (**W**) and Fixture Color Temperature (**CCT**) from factory settings.

**Factory Settings:** X17XFU205 - 4000K (CCT), 205W

X17XFU330 - 4000K (CCT), 330W

1. Remove **Selector Switch Caps** by turning counterclockwise using a flat head screwdriver (**Fig. 3**).
2. Locate the **Selector Switches** on the fixture (**Fig. 4, 5**).
3. Select Power (**W**) and Color Temperature (**CCT**) by sliding the respective switch to the desired value.
4. Replace **Selector Switch Caps** and tighten using a flat head screwdriver.



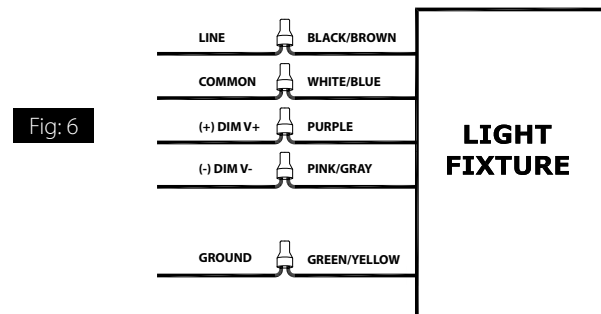
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### DIMMABLE WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz, 1-10V Dimming. Units ordered with /480 suffix are 480V, 50 or 60 Hz, 0-10V Dimming.

Follow the wiring directions as shown in **Fig. 6**.

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 pink/gray fixture lead to the DIM V- lead.
6. 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 polycarbonate 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.



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## X17™ FA FIELD ADJUSTABLE INSTALLATION



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

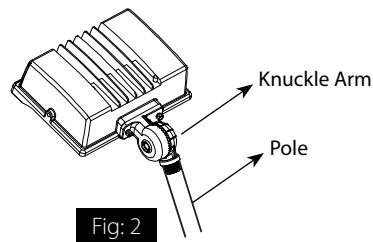
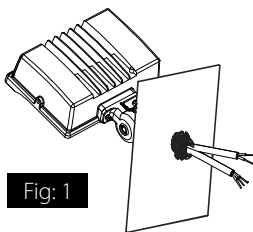
**WARNING: Min 75°C SUPPLY CONDUCTORS.**

### KNUCKLE MOUNT

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

To ensure weatherproof seal, apply weatherproof silicone sealant around the edge of the junction box (*not supplied*). This is especially important with an uneven wall surface.

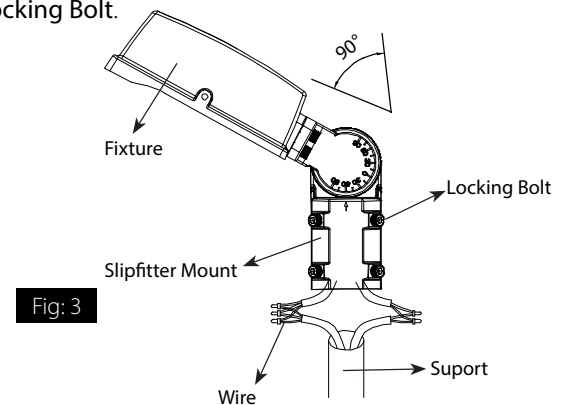
1. Secure the fixture to a 1/2" NPS hole in the junction box or landscape post as shown in Fig. 1. Seal arm thread using Teflon® tape or silicone sealant.
2. Make appropriate wire connections per NEC in an approved enclosure (*not included*) see Fig. 8.
3. The **Knuckle Arm** allows 180° of vertical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



### SLIPFITTER MOUNT

*(suitable for 60W, 80W, 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**.

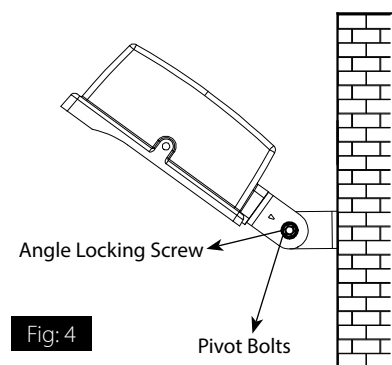


### TRUNNION MOUNT

*(suitable for 60W, 80W, 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**.



# 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](mailto:marketing@rablighting.com)

### 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.

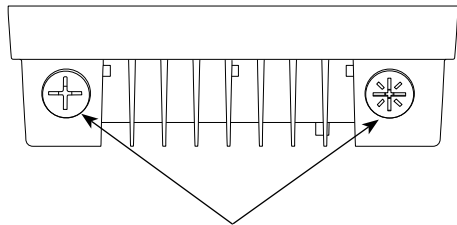


Fig: 5

Selector Switch Caps

15W, 35W, 60W

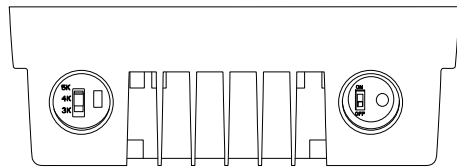


Fig: 6

CCT Selector Switch

Photocell Selector Switch

105W, 140W

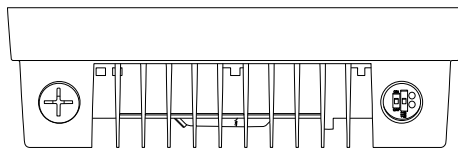


Fig: 7

Photocell Selector Switch

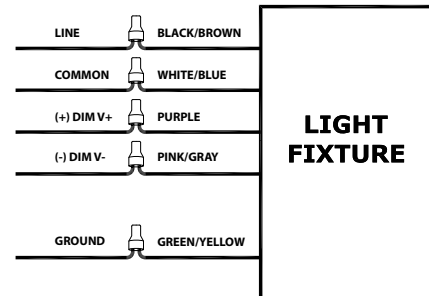
CCT Selector Switch

### 0-10V DIMMABLE WIRING

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



#### Easy Answers

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# INSTRUCTIONS

## X17™ PA POWER ADJUSTABLE INSTALLATION



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X17 PA 450/350/250W Slipfitter



X17 PA 450/350/250W Trunnion

### 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.**

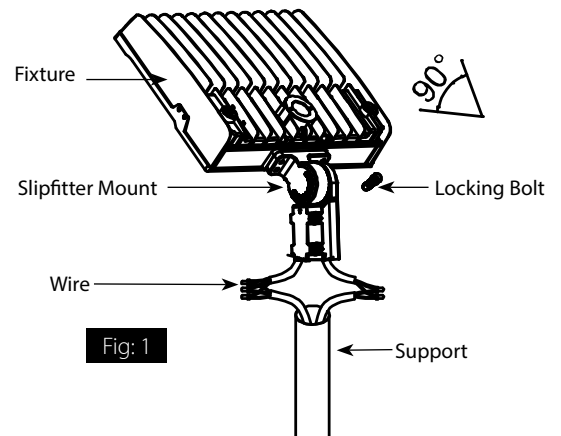
**WARNING: Do not use an electric generator to test LED fixtures.**

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

**ATTENTION: If the Photocell function is not required, the Shorting Cap (provided) must be installed in place of the Photocell.**

### SLIPFITTER MOUNT

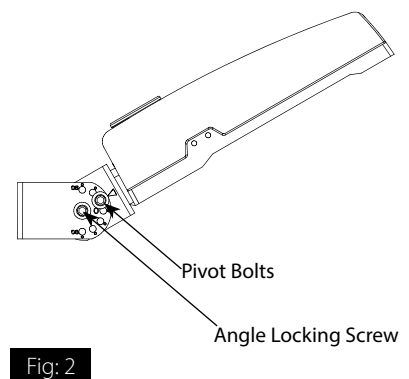
1. Place the **Slipfitter** over the **Tenon** and secure the **Fixture** with the **Screws** on the side of the **Slipfitter** as shown in **Fig. 1**.
2. Make appropriate wire connections per NEC in an approved enclosure (*not included*) see **Fig. 5**.
3. Loosen the **Locking Bolt** and swivel **Fixture** to desired angle.
4. Tighten the **Locking Bolt**.



### TRUNNION MOUNT

To adjust the angle of the **Fixture** using the **Trunnion** (**Fig. 2**):

1. Loosen the **Pivot Bolts** and **Angle Locking Screws**.
2. Make appropriate wire connections per NEC in an approved enclosure (*not included*) see **Fig. 5**.
3. Adjust fixture to desired angle.
4. Tighten **Pivot Bolts** and **Angle Locking Screw**.



# INSTRUCTIONS

## X17™ PA POWER ADJUSTABLE INSTALLATION



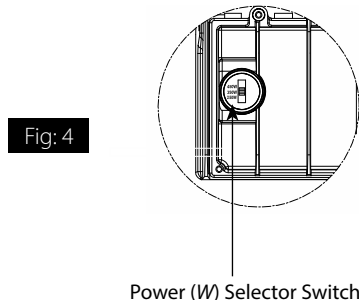
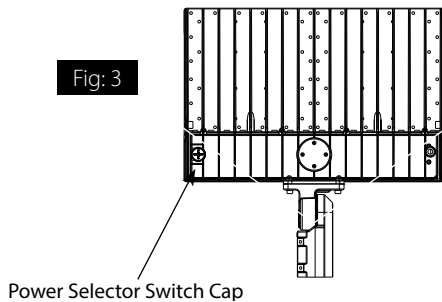
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### FIELD ADJUSTMENT

Follow instructions below to change Fixture Power (**W**) from factory settings.

**Factory Settings:** 450W

1. Remove **Power (W) Selector Switch Cap (Fig. 3)** by turning counterclockwise using a flat head screwdriver.
2. Select **Power (W)** by sliding **Power (W) Selector Switch** to the desired value.
3. Replace **Selector Switch Cap** and tighten using a flat head screwdriver.



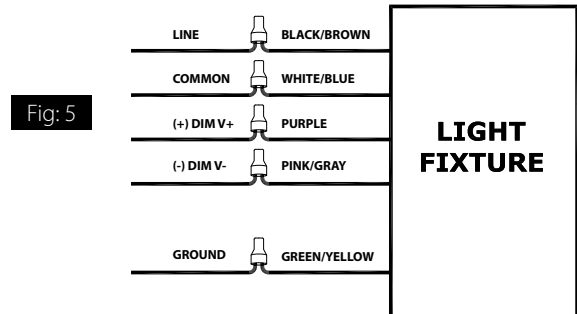
**Note:** These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation, operation or maintenance.

### DIMMABLE WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz, 1-10V Dimming. Units ordered with /480 suffix are 480V, 50 or 60 Hz, 0-10V Dimming.

Follow the wiring directions as shown in **Fig. 5**.

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 pink/gray fixture lead to the DIM V- lead.
6. 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 polycarbonate 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.



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