

# INSTRUCTIONS

## FIELD-ADJUSTABLE X34® INSTALLATION

# RAB®

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)



X34 250W  
SLIPFITTER/TRUNNION MOUNT



X34 350/450W  
SLIPFITTER/TRUNNION MOUNT



### IMPORTANT

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

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.**

**NOTE: No user maintenance or cleaning required.**

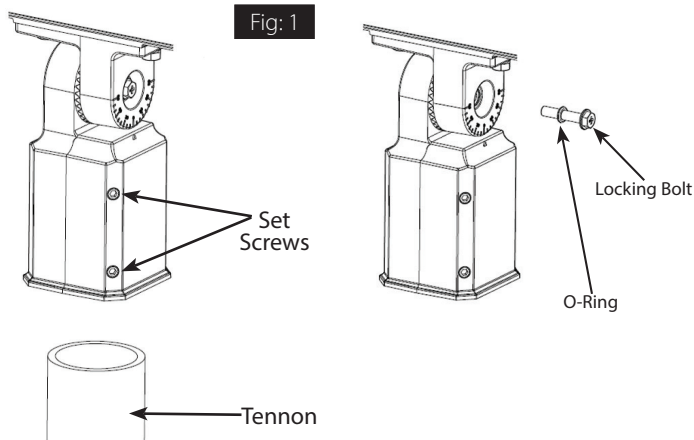
**Universal voltage driver permits operation at 120V through 277V, 50 or 60 Hz. Units ordered with /480 suffix are 480V only, 50Hz or 60Hz.**

**Suitable for wet locations. Suitable for mounting within 4ft of the ground.**

### SLIPFITTER MOUNTING

**CAUTION:** Do not mount the Slipfitter to a Tennon or Bracket that is more than 20 degrees from vertical. Mounting any angle other than 0-20 degrees increases the risk of disengagement and/or failure of the slipfitter.

1. The slipfitter mounting fits a 2 3/8" O.D. **Tennon**. Place the slipfitter over the **Tennon** and secure the fixture with the two **Set Screws** on the side of the slipfitter.
2. Loosen the **Locking Bolt** and swivel fixture to desired angle.
3. Tighten the **Locking Bolt**.

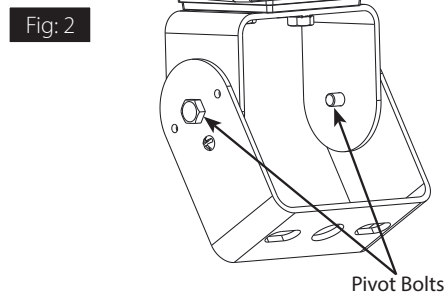


### TRUNNION MOUNTING

**CAUTION:** UL certified liquid-tight cord grip suitable for use with five-conductor-type STW flexible cord shall be used for connection to a wet location outlet box provided by others.

To adjust the angle of the fixture using the trunnion:

1. Loosen the **Pivot Bolts** & angle locking screw.
2. Adjust fixture to desired angle.
3. Tighten **Pivot Bolts** & angle locking screw.



# INSTRUCTIONS

## FIELD-ADJUSTABLE X34® 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

#### Photocell Operation:

This product is equipped with a photocell. **Photocell factory setting is set to the "OFF" position.** Should you wish to enable the Photocell "On" feature slide the center switch to the "ON" position (Fig 4). ***If the Photocell is set to the "ON" position and it is daylight, it may take up to 60-seconds for the light to turn off.***

#### Color Temperature (CCT) Selection:

This product is equipped with 5000K, 4000K or 3000K CCT color temperature selection. For maximum light output use the 4000K color temperature.

#### Power (%) Selection:

This product is equipped with 50%, 75% and 100% power output selection.

Follow instructions below to change Photocell operation, Color Temperature (CCT) and/or Power (%) from factory settings.

**Factory Settings:** 100% Power, 4000K CCT, Photocell Off

1. Locate the selector switches on side of housing as shown in Fig. 3.
2. Select **Color Temperature (CCT)**, **Power (%)** and/or **Photocell on/off** function by sliding the respective switch to the desired value (Fig. 4).

Fig: 3

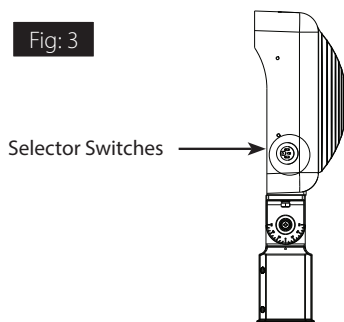
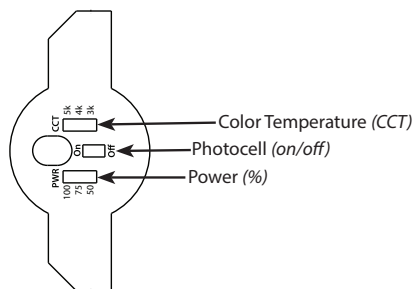


Fig: 4



### 0-10V DIMMABLE WIRING

**Note: For external dimming control set power switch to 100% and turn off Photocell switch.**

Universal voltage driver permits operation at 120V through 277V, 50 or 60Hz. Units ordered with /480V suffix are 480V only, 50 or 60Hz. For 0-10V dimming, follow the wiring instructions as shown 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. 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 fixture lead to the DIM V- lead.
6. Cap the yellow fixture lead, if present. Do NOT connect.

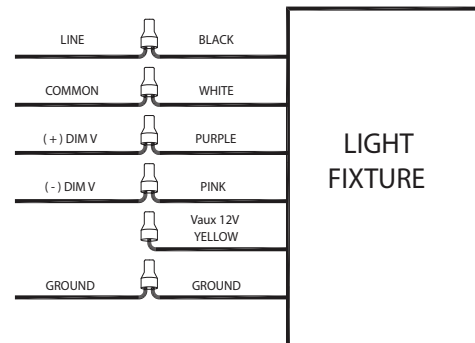


Fig: 5

### 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. 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.



© 2022 RAB LIGHTING Inc.

#### Easy Answers

[rablighting.com](http://rablighting.com)  
Visit our website for product info

**Tech Help Line**  
Call our experts: 888 722-1000

**e-mail**  
Answered promptly - [sales@rablighting.com](mailto:sales@rablighting.com)

**Free Lighting Layouts**  
Answered online or by request

X34 HO - IN - 0322  
P-100120

**RAB WARRANTY:** RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty)