



RAB X17 FIELD ADJUSTABLE FLOODLIGHT SELECTABLE PHOTOCELL Instructions

[Home](#) » [RAB](#) » RAB X17 FIELD ADJUSTABLE FLOODLIGHT SELECTABLE PHOTOCELL Instructions 

RAB[®]

INSTRUCTIONS

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



X17 XFU 80/60/40W Knuckle



X17 XFU 80/60/40W Trunnion

Contents

- 1 IMPORTANT
- 2 KNUCKLE MOUNT
- 3 TRUNNION MOUNT
- 4 TRUNNION MOUNT CONT.
- 5 FIELD ADJUSTMENT
- 6 CLEANING & MAINTENANCE
- 7 TROUBLESHOOTING
- 8 Documents / Resources
 - 8.1 References
- 9 Related Posts

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.

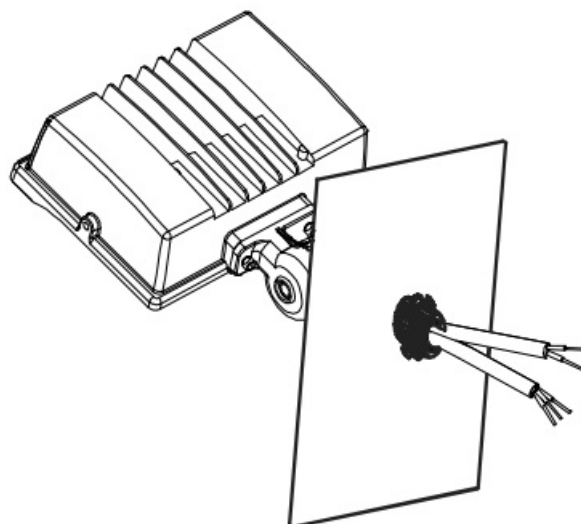
WARNING: Min 75°C SUPPLY CONDUCTORS.

KNUCKLE MOUNT

To ensure a 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.

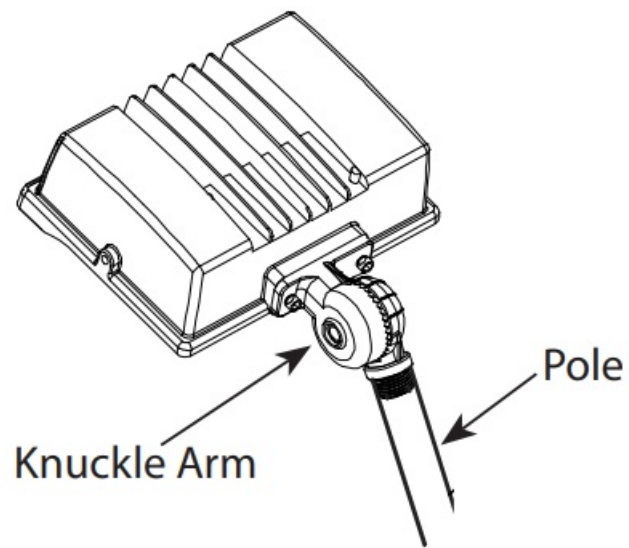
Fig: 1



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: 2



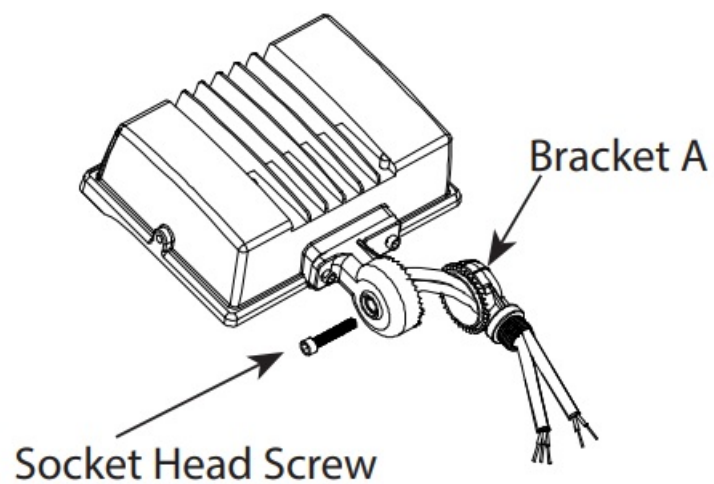
TRUNNION MOUNT

Trunnion Mount accessory included.

To Install the Trunnion:

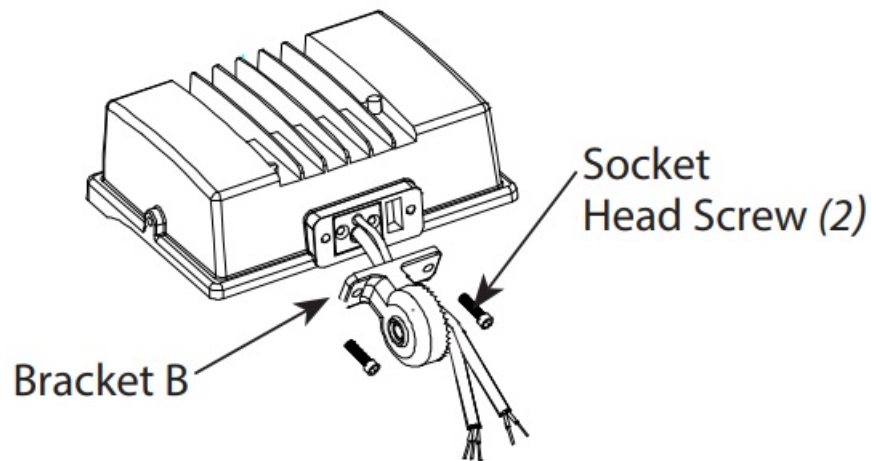
1. Remove the pre-installed Knuckle Mount by loosening the Socket Head Screw and removing Bracket A as shown in Fig. 3.

Fig: 3



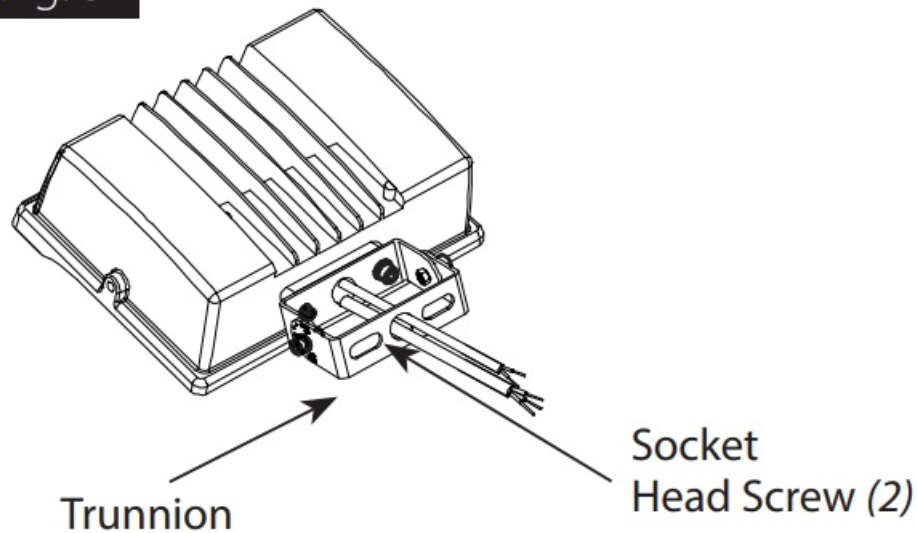
2. Loosen 2 Socket Head Screws to remove Bracket B as shown in Fig. 4.

Fig: 4



3. Insert Fixture wires through the Trunnion and align with the Fixture screw holes. Secure the Trunnion to the Fixture by tightening 2 Socket Head Screws as shown in Fig. 5.

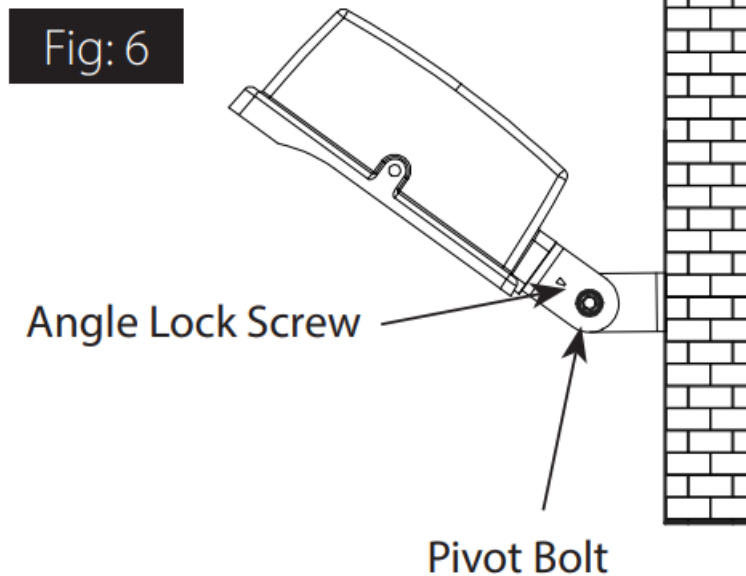
Fig: 5



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 an approved enclosure (not included) see Fig 9.
3. Adjust Fixture to desired angle (Fig. 6).



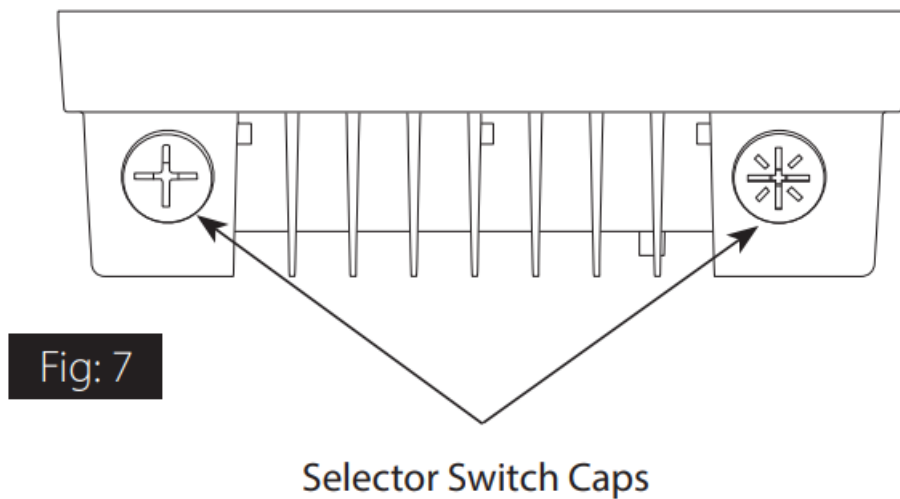
4. Tighten Pivot Bolts and Angle Locking Screws.

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 80W

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).

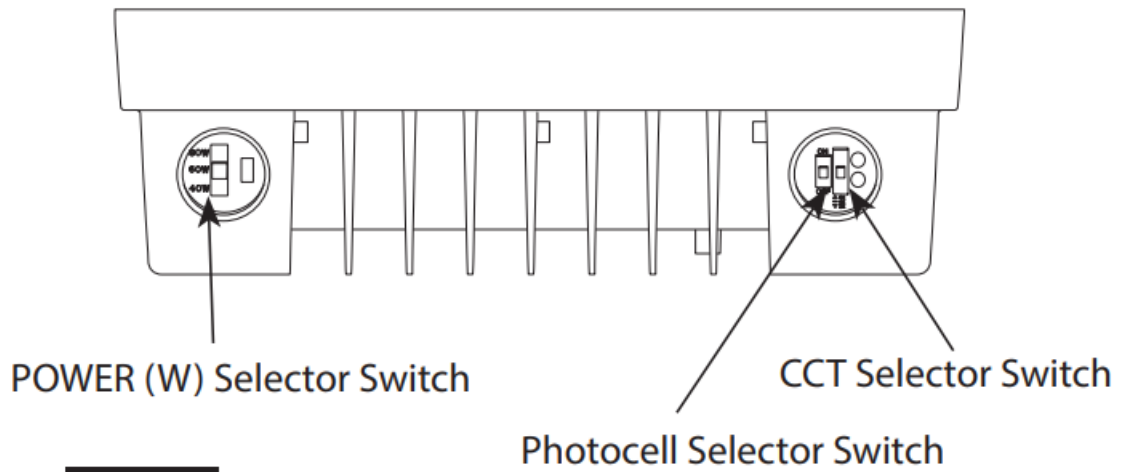


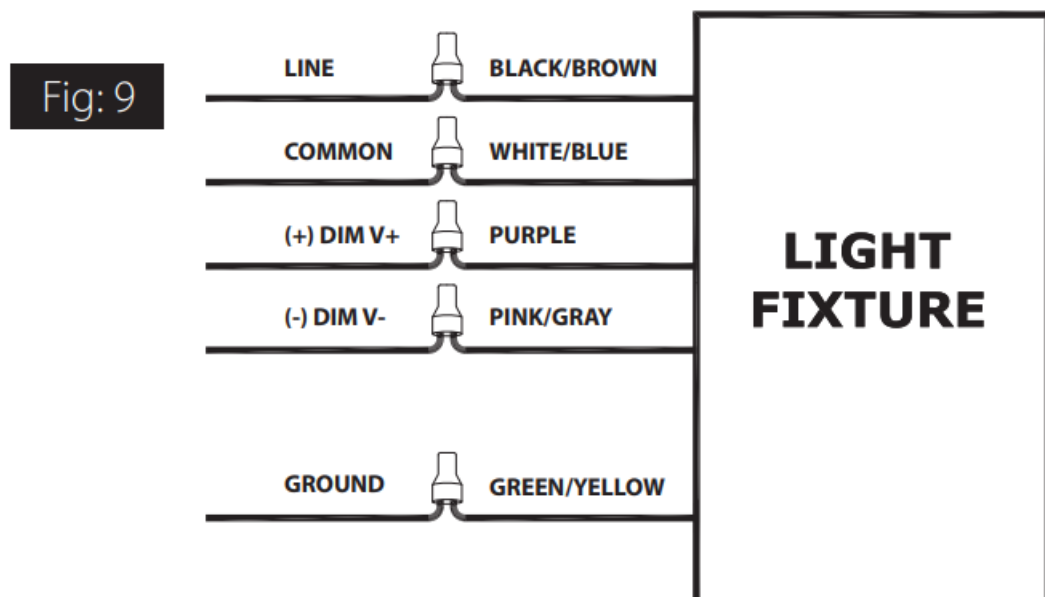
Fig: 8

3. Select Power (W) and Color Temperature (CCT) by sliding the respective switch to the desired value.
4. Select the Photocell On/Off option by sliding the respective switch to the desired value.

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 the 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

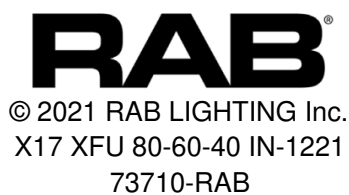
CAUTION: Be sure fixture temperature is cool enough to touch.
Do not clean or maintain while the fixture is energized.

1. Clean glass lens with a 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.



Easy Answers

rablighting.com Visit our website for product i nfo	Tech Help Line Call our experts: 888 722- 1000	e-mail Answered promptly – s ales@rablighting.com	Free Lighting Layouts Answered online or by r equest
--	---	--	---

Documents / Resources

	RAB X17 FIELD ADJUSTABLE FLOODLIGHT SELECTABLE PHOTOCELL [pdf] Instructions X17, XFU 3-WAY, FIELD ADJUSTABLE FLOODLIGHT, SELECTABLE PHOTOCELL
---	--

References

- [R Welcome to RAB](#)