

# PARKING LOT /FLOOD LIGHT INSTALLATION INSTRUCTIONS



## IMPORTANT

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

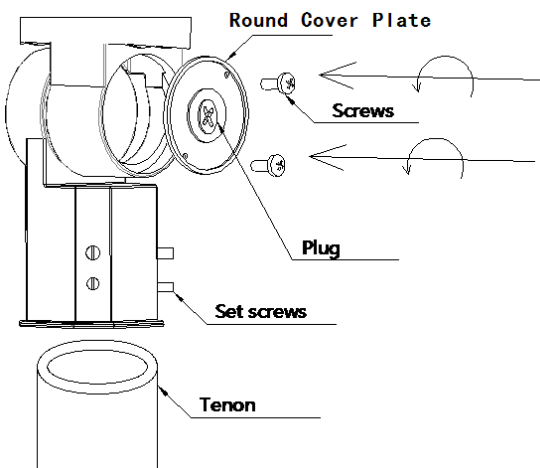
Fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON

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.**

## SLIPFITTER MOUNTING

1. The slipfitter mounting fits a 2 3/8" O.D. **Tenon**. Place the slipfitter over the **Tenon** and secure the fixture with the **Set Screws** (2) on the side of the slipfitter.
2. Remove two screws on side of **Round Cover Plate**. Remove the **Round Cover Plate** and adjust the angle of the fixture.
3. Loosen the **Locking Bolt** and swivel fixture to desired angle.
4. Tighten the **Locking Bolt** and re-attach **Round Cover Plate**.

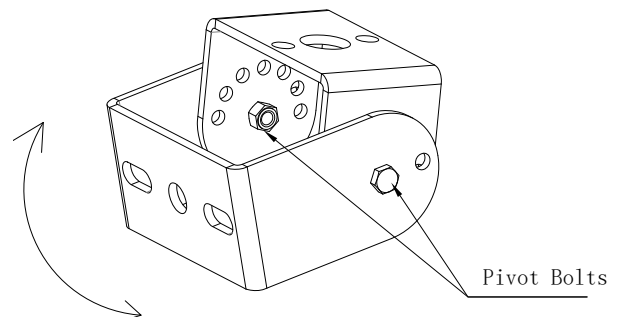


## TRUNNION MOUNTING

**CAUTION:** UL and C-UL listed or CSA certified liquid tight cord grip suitable for use with three 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.



## NON-ADJUSTABLE ARM MOUNTING

1. Remove the hardware from the Straight Arm.
2. Place hardware aiming at drilled hole as shown. Tighten screws.(See FIG.1) An adapter is necessary for Round pole installation(See FIG.2)
2. Feed supply wire from Pole thru Drilled hole. Connect fixture wire and supply wire.
3. Slide fixture with straight arm horizontally on the hardware. Screw and make sure straight arm and hardware are tighten together.

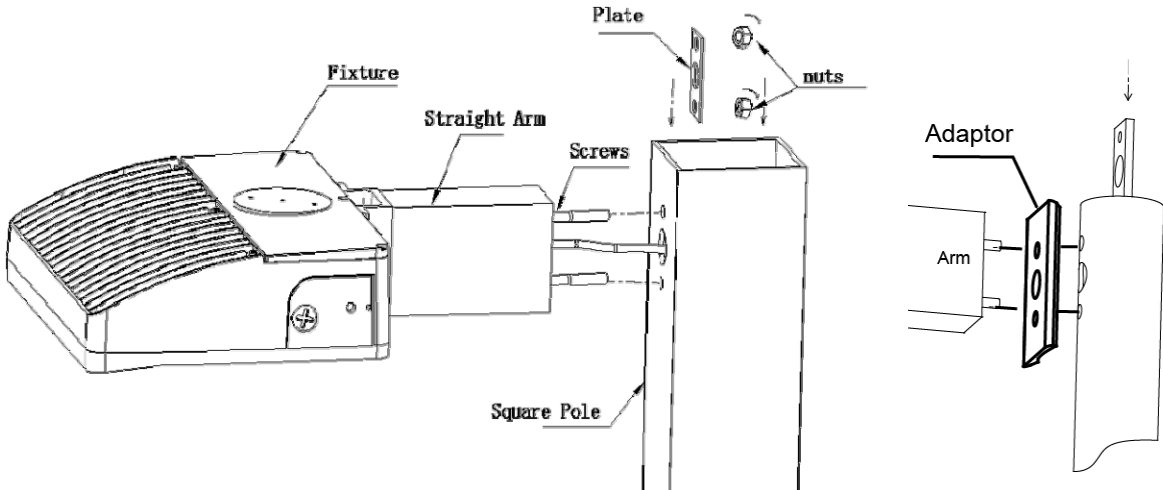


FIG.1

FIG.2

## ADJUSTABLE ARM MOUNTING

1. Open the PC cover and install the arm base on the pole(See FIG.1), Need to make the base arc-shaped to fit the round pole(See FIG.2)

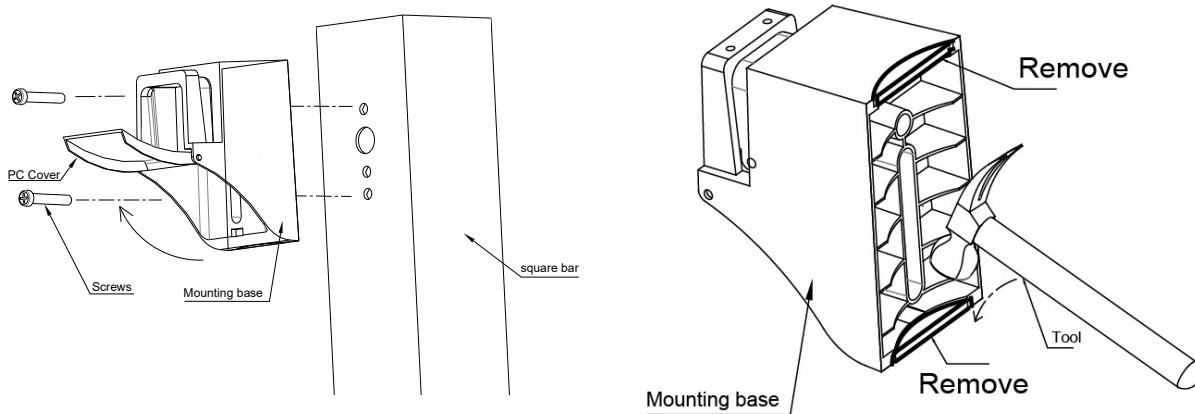
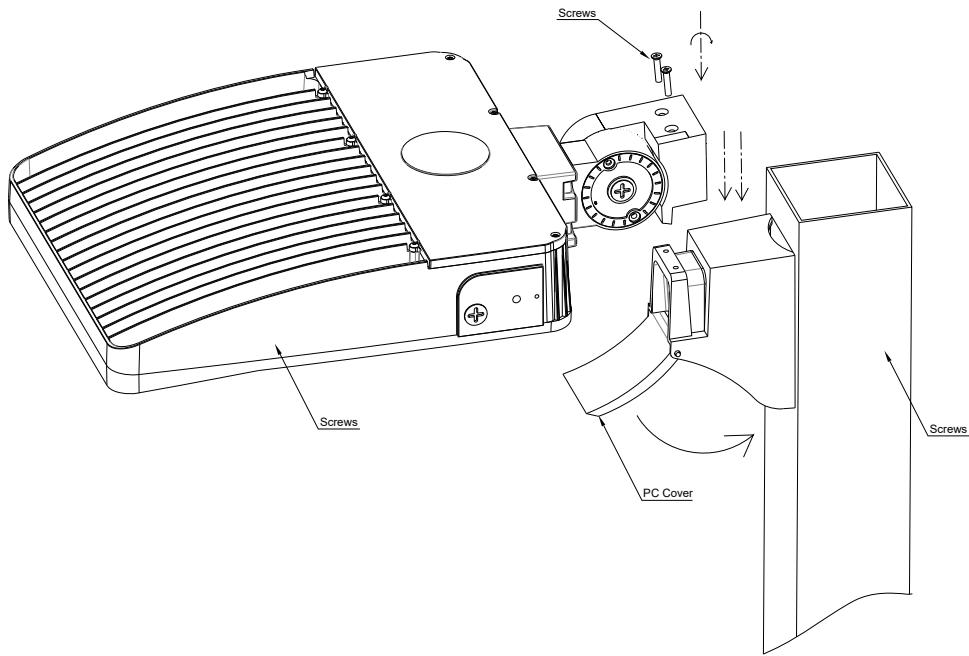


FIG.1

FIG.2

- 2.Connect the wires correctly
- 3.Slide down the fixture into the arm base and screw the two safety screws(FIG3)

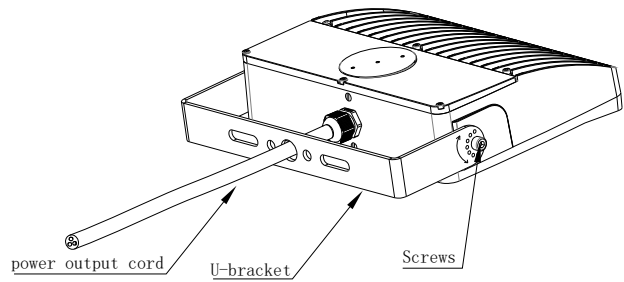


**FIG.3**

## **U-BRACKET MOUNTING**

To adjust the angle of the fixture using the bracket:

1. Loosen the angle locking screw.
2. Adjust fixture to desired angle.
3. Tighten angle locking screw.



## WIRING

Universal voltage driver permits operation at 120V to 277VAC, 50 or 60 Hz **except fixtures factory ordered with a (PC)**

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

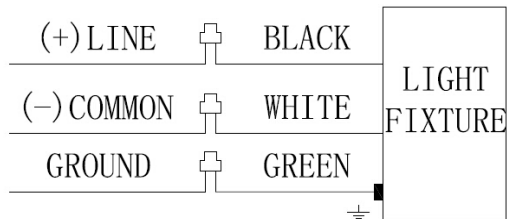


Fig.1 Without photocell

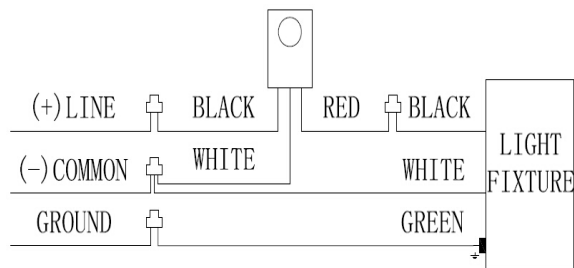


Fig.2 With photocell

## 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. 3.

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.

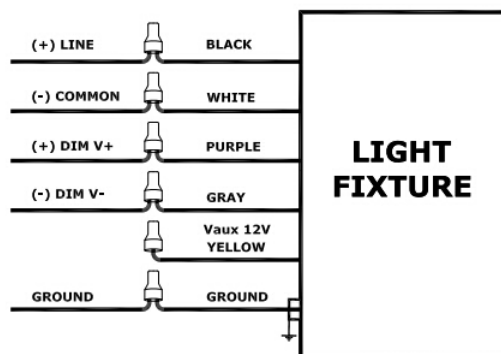


Fig.3 0-10V Dimming

## CLEANING&MAINTENANCE

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

1. Clean lens & fixture 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?

***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.***

**INSTALLATIONS INSTRUCTIONS FOR MOUNTING THE 85333-SU TRUNNION KIT TO THE 75W, 85322-SU; 150W, 85323-SU; 200W, 85324-SU; AND 300W, 85325-SU STREET LIGHT FIXTURES.**

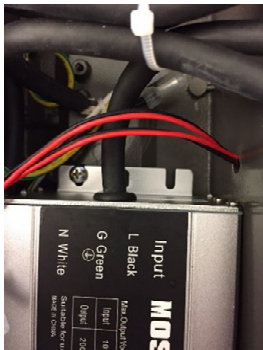
Remove metal plate to get access to driver and mounting bolts. Use a tamper-proof Torx head screw driver to remove the (8) screws. Save and re-use the screws later.



To remove the split fitter and install the trunnion, the driver needs to be moved out of the way.



Remove first screw holding down the driver.



Remove the second screw holding down the driver on the other end. Keep both screws to re-install the driver back in place later.



Carefully relocate the driver and wires to get access to the (2) hex bolts.



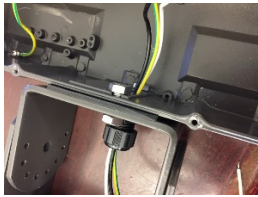
Carefully pull the driver power leads out of the split fitting.



Undo the two bolts and remove the slip fitting. Install the trunnion bracket as shown and reuse the two bolts and/or rubber washer, but use two hex nuts provided in the kit hardware bag.



Re-run the power leads through the threaded hole for indoor dry location applications or use the short length of power supply cable and water-tight strain relief provided in the trunnion kit for outdoor wet location applications.



Re-install the driver back into place making sure not to pinch any wires and re-install the metal plate using the (8) tamper-proof Torx head screws from earlier.



The assembly and installation is now complete. Mount the trunnion and light to a flat surface with the proper means to support the weight of the entire fixture and trunnion assembly. (Note that the hardware for mounting the fixture to a support is not provided).

