

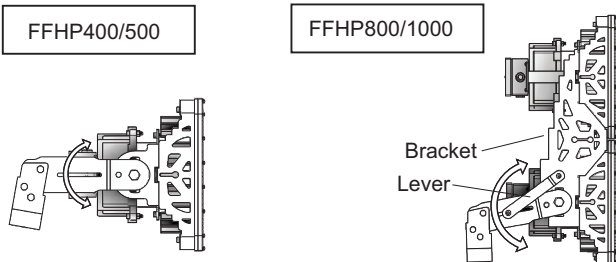
Includes: FFHP400, FFHP500, FFHP800, FFHP1000

**CAUTION:** PLEASE FOLLOW THIS INSTRUCTION MANUAL CAREFULLY TO PREVENT ANY INJURIES OR COMPLICATIONS THAT MAY ARISE.  
**WARNING:** Before installing or maintaining the luminary, make sure all powers are **TURNED OFF**.  
Verify that supply voltage is correct by comparing it with the label information on all fixtures.  
Make all connections in accordance with the NEC requirements, and make sure all luminaries are properly secured to prevent any wire complications. This luminary is to always be installed with the lens facing down and its not to exceed the maximum ambient temperature rating noted on the specification sheet.

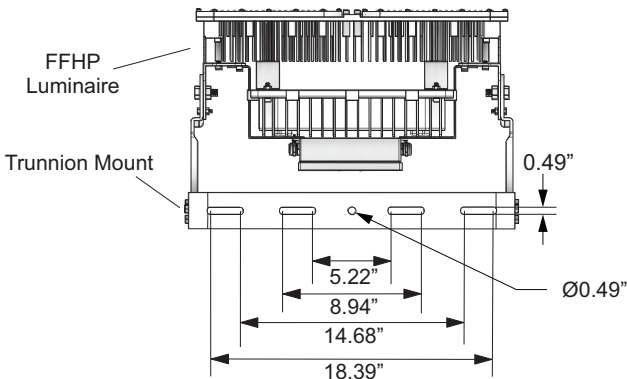
STANDARD INSTALLATION STEPS

Trunnion Mount

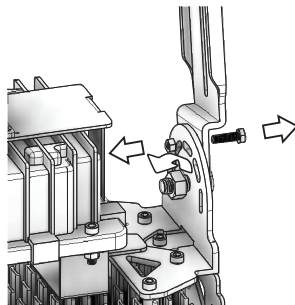
1 Each FFHP Luminaire comes with a Trunnion Mount attached to the back side of the fixture. The Trunnion Mounts can be adjusted to various different angles in a range of 180° for the FFHP 400/500 and 90° for the FFHP 800/1000. The FFHP 800/1000 have a lever on each side along with larger side brackets to hold the heavy fixture.



3 All FFHP Luminaires being installed, have the same size Trunnion Mount bolt hole dimensions. Please see the Trunnion Mount dimensions below to determine the drilling template to follow if the fixture is going to be surface mounted with the Trunnion Mount.

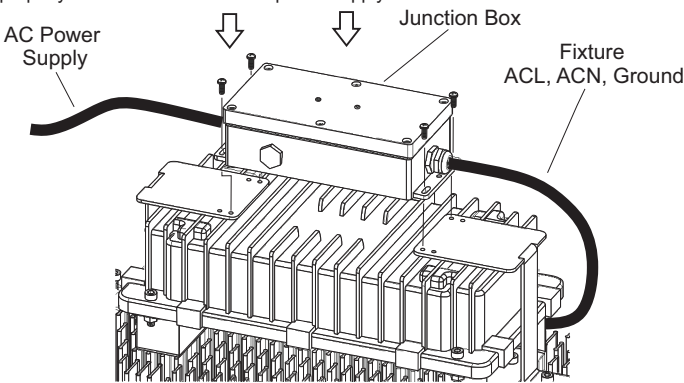


2 The FFHP Luminaire can be adjusted by first removing the locking bolts located on each side of the FFHP Trunnion Mount. Use a wrench to loosen the center bolt and remove the bolt located on the arc of holes on the sides of the FFHP Trunnion Mount. Once the bolts at the arc holes have been removed from both sides, the fixture will be able to rotate to the desired location.

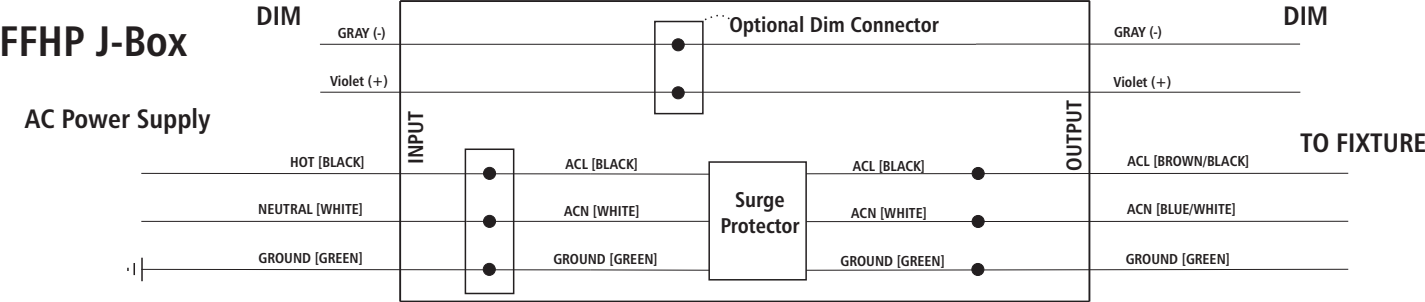


Junction Box

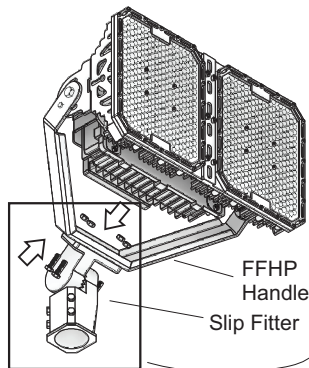
The Junction Box is provided for each FFHP Luminaire. The Junction Box will be mounted to the back of the FFHP Luminaire. Use the wiring diagram provided to properly wire the luminaire to the power supply.



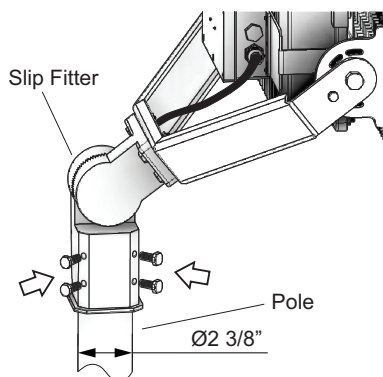
Using a J-Box, Connect the ACL and the ACN from the J-Box to the Fixture with the AC Power Supply cords. Follow the Wiring Diagram provided.



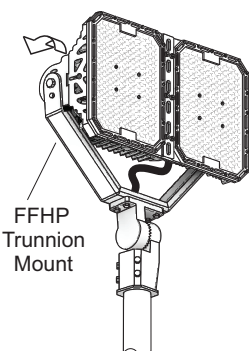
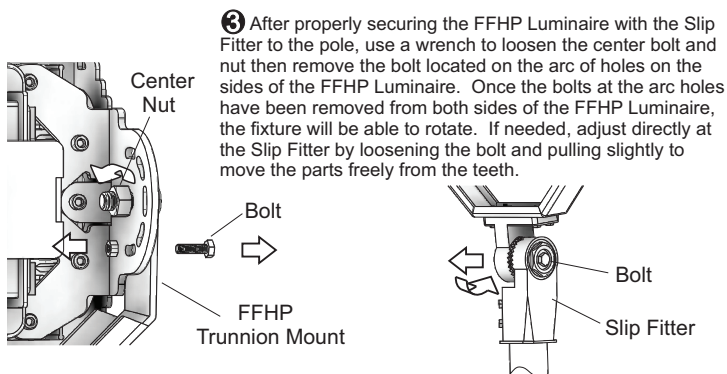
## Optional Slip Fitter Mount



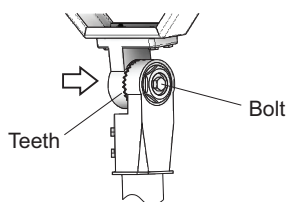
① Loosen the [4] Hex Head Bolts from the AC-FHP-SF Slip Fitter Mount. Align the Slip Fitter to the FFHP Handle and fasten the two pieces together using the [4] Hex Head Bolts and nuts. Note: The Slip Fitter option is only available for FFHP400/500 models.



② Once the Slip Fitter is properly secured onto the FFHP fixture, one can place the Slip Fitter on top of a standard 2 3/8" diameter pole, adjust the orientation and fasten the [4] Hex Head Bolts to secure the Slip Fitter to the pole. One can then run the Power Cable from the driver to the inside of the pole to allow it to be powered with an AC Power Supply Cable.

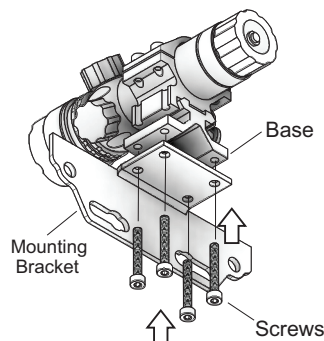
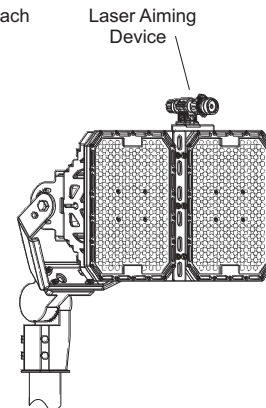
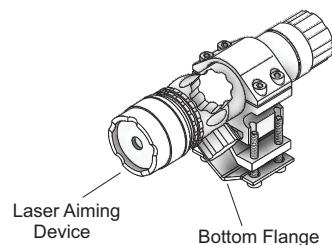


④ Adjust the tilt on the FFHP Luminaire to the desired angle/tilt from horizontal. Fasten the bolts at the arc holes at both sides of the FFHP Luminaire and finally the center bolts to the position desired. If the Slip Fitter was adjusted mate the parts at the teeth and fasten the bolt.



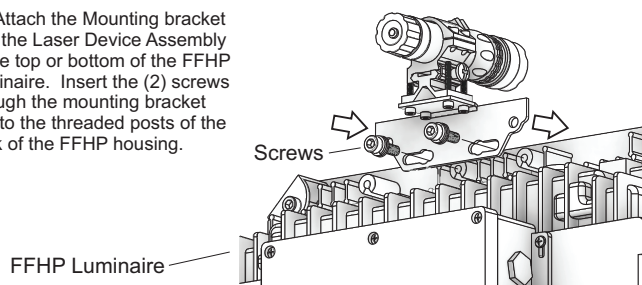
## Optional Laser Precision Aiming Device

① The Optional Laser Precision Aiming Device AC-FHP-LS provides accurate adjustments to each FFHP Luminaire. The device can be mounted temporarily to the top or bottom of the FFHP Luminaire. The device can be used to help the user to accurately point the fixture at the op tilt from horizontal and orientation from side



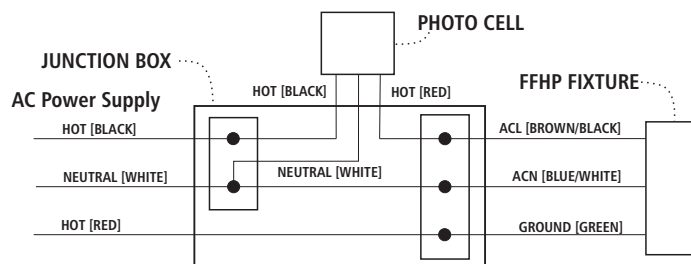
② Attach the mounting bracket to the Laser Precision Aiming Device AC-FHP-LS. Insert the (4) screws through the mounting bracket and to the base of the Aiming Device assembly. Note: The bottom flange is only needed if there is a small round or square rod.

③ Attach the Mounting bracket with the Laser Device Assembly to the top or bottom of the FFHP Luminaire. Insert the (2) screws through the mounting bracket and to the threaded posts of the back of the FFHP housing.



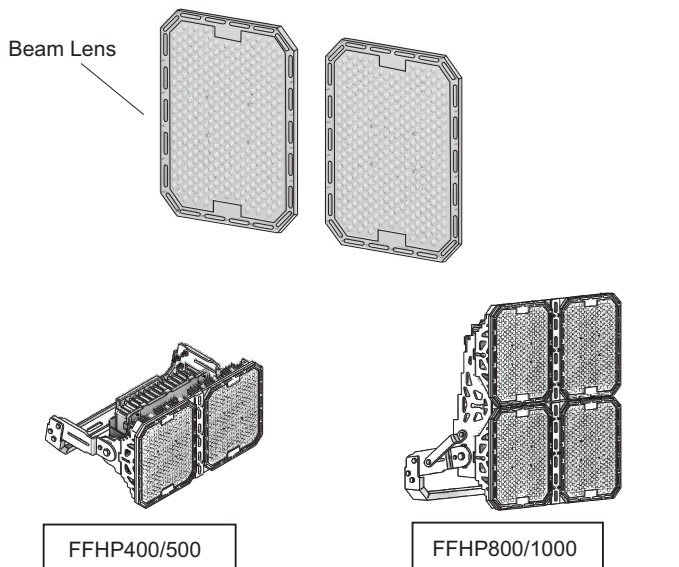
## Optional Photo Cell

The FFHP Luminaire Series have an Optional Photo Cell that can be attached to the Junction Box at the side. The Photo Cell has three wires: Neutral [White], Hot [Black], and Hot [Red]. The Neutral [White] attaches inline with the Power Supply and Fixture ACN Neutral [Blue/White] wires. The Photo Cell has an internal 'switch' with a Hot [Black] wire that attaches to the Power Supply Hot [Black] and a Hot [Red] wire that attaches to the Fixture ACL [Brown/Black] wire. Mounting is recommended in the upright position. Please follow the wiring diagram as shown.

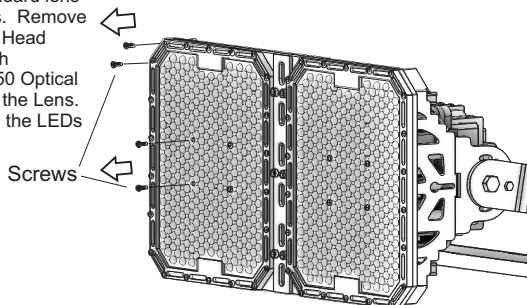


## Optional Optical Lens

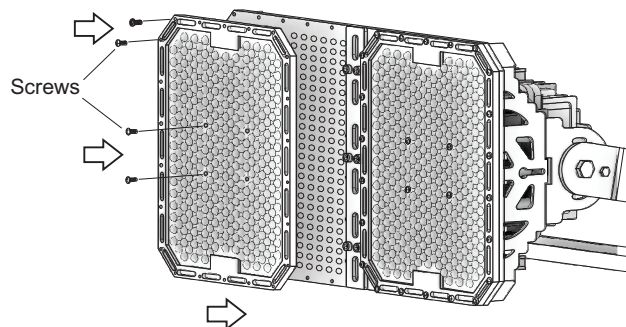
The AC-FHP-L50 (50° Beam Lens) is the standard lens for all FFHP luminaire. There are two Optional Optical Lens AC-FHP-L30 (30° Beam Lens) and AC-FHP-L100 (100° Beam Lens). The FFHP400/500 luminaire requires two lens per fixture. The FFHP800/1000 luminaire requires four lens per fixture.



① Replace the standard lens with the desired lens. Remove the [26] Phillips Pan Head screws from the each standard AC-FHP-L50 Optical Lens. Then remove the Lens. The PCB Board with the LEDs will be exposed.

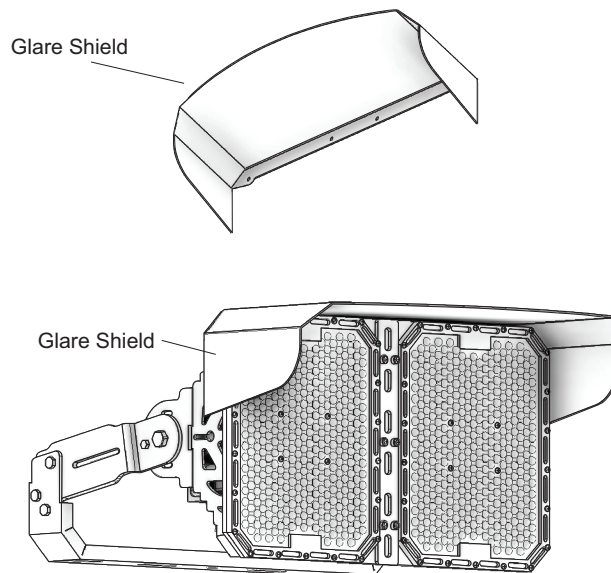


② Align the Optional Optical Lens, AC-FHP-L30 or -L100, to the FFHP Luminaire and fasten the Optical Lens using the [26] Phillips Pan Head screws.

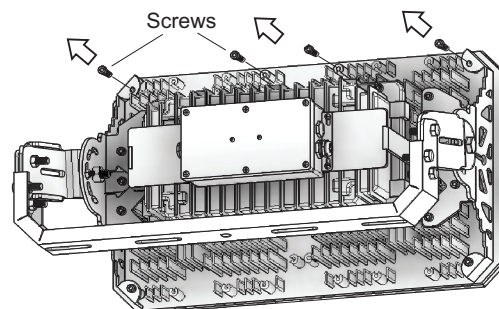


## Optional Optical Glare Shield

The AC-FHP-HD is the Optional Glare Shield for all FFHP luminaire. The Glare Shield restricts the amount of light pollution and light trespass. The installation process is also the same for all FFHP luminaire.



① Remove the Socket Head Cap screws from the back of the FFHP housing.



② Align the Glare Shield to the back of the FFHP fixture holes on the housing. Fasten the Glare Shield to the fixture with the [4] Socket Head Cap screws.

