

# FFHS/2 Series LED Flood Light Installation Sheet



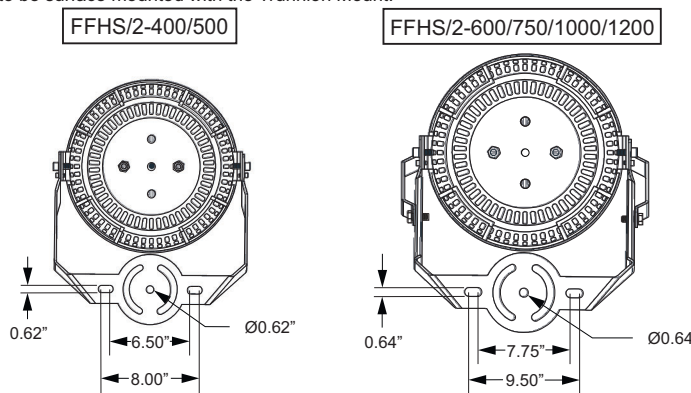
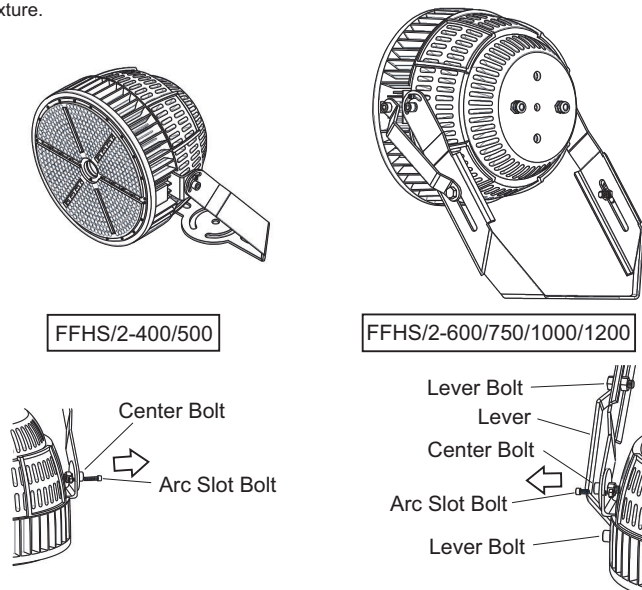
**Includes:** FFHS/2-400, FFHS/2-500, FFHS/2-600, FFHS/2-750, FFHS/2-1000, FFHS/2-1200

**CAUTION:** PLEASE FOLLOW THIS INSTRUCTION MANUAL CAREFULLY TO PREVENT ANY INJURIES OR COMPLICATIONS THAT MAY ARISE.  
**WARNING:** Before installing or maintaining the luminaire, 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 luminaires are properly secured to prevent any wire complications. This luminaire 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

**1** Each FFHS/2 Luminaire includes a Trunnion Mount. The Trunnion Mount can be adjusted to a desired tilt angle for all the FFHS/2 Series. The FFHS/2-600/750/1000/1200 have a lever on each side along with larger side brackets to support the heavy fixture.

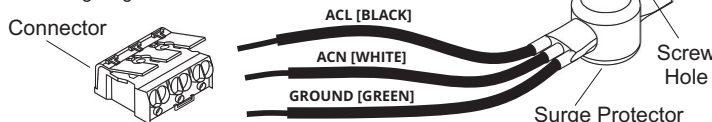
**3** FFHS/2-400/500 and FFHS/2-600/750/1000/1200 Luminaires have Trunnion Mount bolt hole dimensions as seen below. Please use the Trunnion Mount dimensions below to determine the drilling template to follow if the fixture is going to be surface mounted with the Trunnion Mount.



**2** The FFHS/2 Luminaires can be adjusted by using a wrench to loosen the center bolts and the arc slot bolts located on the sides of the FFHS/2 Luminaire. The FFHS/2-600/750/1000/1200 Luminaires will also need the lever bolts located on the sides of the FFHS/2 Luminaire to be loosened. The fixture will now be able to rotate to the desired tilt/angle. Replace the arc slot bolts and tighten all the other bolts.

## Surge Protector

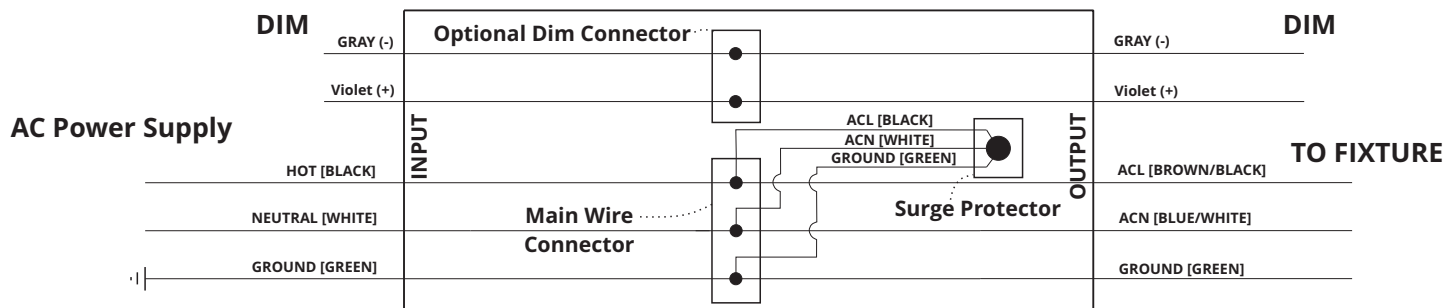
Each FFHS/2 Series fixture is provided with a Junction Box that contains wire Connectors and a Surge Protector. The Surge Protector is required! The Surge Protector is pre-installed, fastened with a screw inside the Junction Box. Please follow the wiring diagram below.



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.

**CAUTION:** PLEASE INCLUDE THE JUNCTION BOX PROVIDED.  
**WARNING:** Junction Box contains a necessary Surge Protector.

## FFHS/2 J-Box



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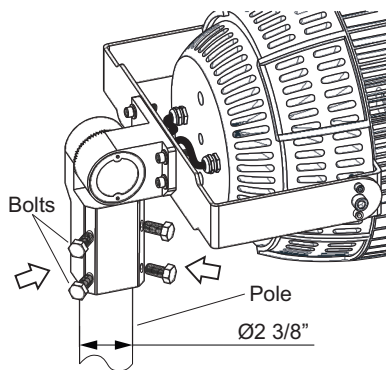
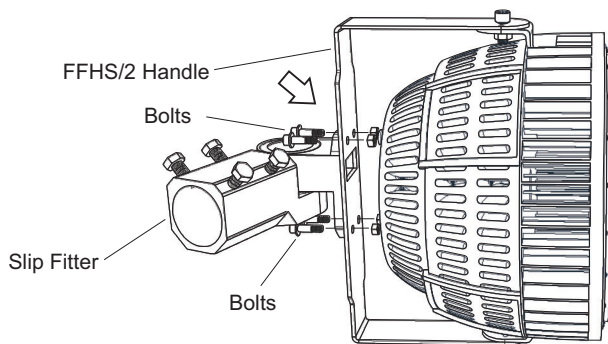
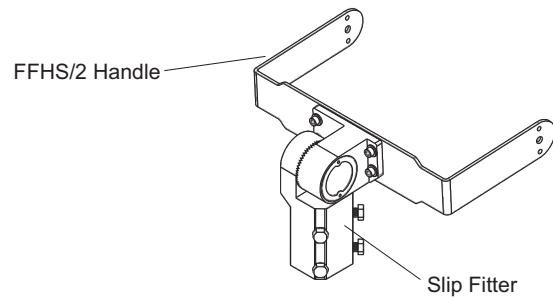
Note: Instructions are subject to change at any time without notice

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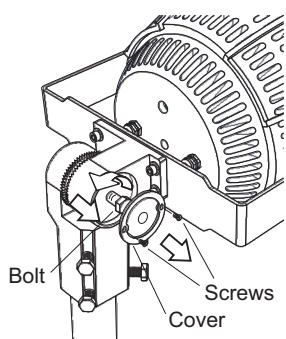
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## Optional Slip Fitter

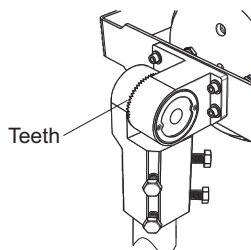
① The Optional Slip Fitter mount AC-FHS-SF provides a tilt option for the FFHS/2 Luminaire. There are several sizes for the FFHS/2 Series. The AC-FHS-SFS is for the FFHS/2-400/500 Luminaire. The AC-FHS-SFM is for the FFHS/2-600/750 Luminaire. The AC-FHS-SFL is for the FFHS/2-1000/1200 Luminaire. Align the Slip Fitter to the FFHS/2 Handle and fasten the two pieces together using the [4] Hex Head Bolts and nuts.



② Once the Slip Fitter is properly secured onto the FFHS/2 Fixture, one can then run the Power Cable from the Fixture to the inside of the pole to allow it to be powered with an AC Power Supply Cable. Follow the wiring diagram. One can then 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.

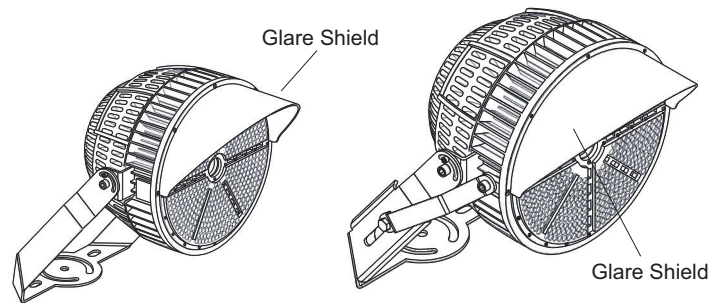
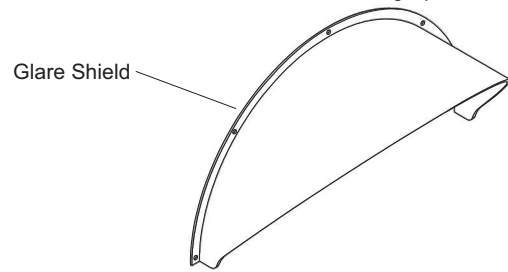


③ After properly securing the FFHS/2 Luminaire with the Slip Fitter to the pole, if needed, adjust directly at the Slip Fitter by removing the Phillips head screws, the cover, loosening the bolt with a wrench, and pulling slightly to move the parts freely from the teeth. After adjusting the Slip Fitter tilt, mate the parts at the teeth and fasten the bolt, put the cover in place, install the screws.

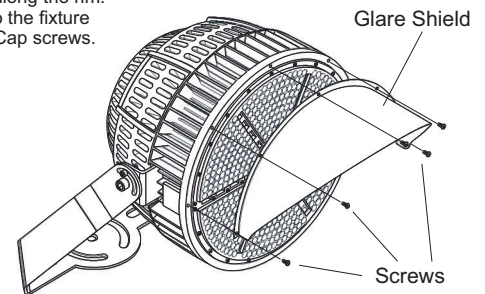


## Optional Glare Shield

① The Optional Glare Shield AC-FHS-GS provides a restriction for excess glare by the FFHS/2 Luminaire. There are several Glare Shields for the FFHS/2 Series. The AC-FHS-GSS is for the FFHS/2-400/500 Luminaire, the AC-FHS-GSM is for the FFHS/2-600/750 Luminaire, and the AC-FHS-GSL is for the FFHS/2-1000/1200 Luminaire. The Glare Shield restricts the amount of light pollution and light trespass.



② Align the Glare Shield to the front of the FFHS/2 fixture holes along the rim. Fasten the Glare Shield to the fixture with the [5] Socket Head Cap screws.



## Optional Photo Cell

The FFHS/2 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.

