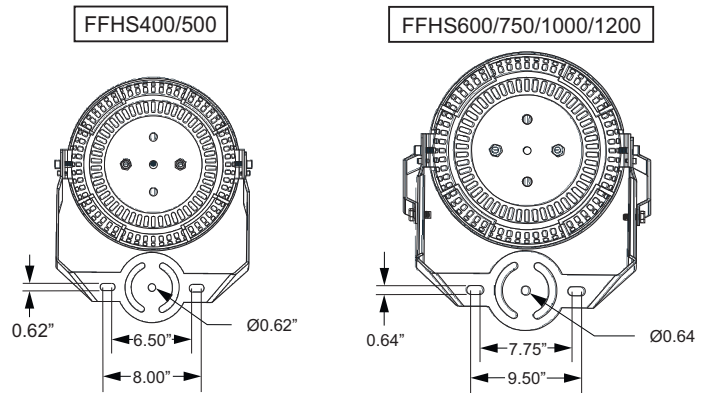# FFHS Series LED Flood Light Installation Sheet
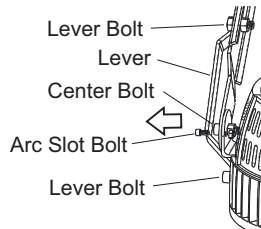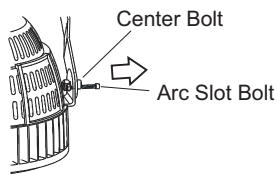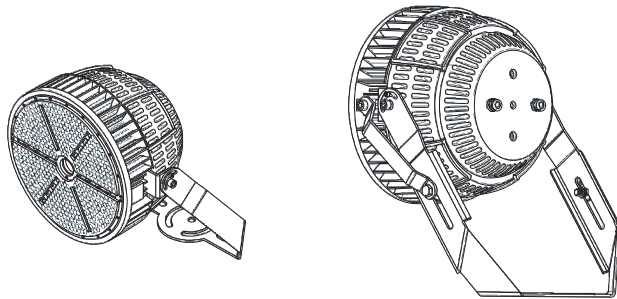
PacLights

Includes: FFHS400, FFHS500, FFHS600, FFHS750, FFHS1000, FFHS1200

⚠ **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

❶ Each FFHS Luminaire includes a Trunnion Mount. The Trunnion Mount can be adjusted to a desired tilt angle for all the FFHS Series. The FFHS600/750/1000/1200 have a lever on each side along with larger side brackets to support the heavy fixture.


FFHS400/500

FFHS600/750/1000/1200

Center Bolt
Arc Slot Bolt

Lever Bolt
Lever
Center Bolt
Arc Slot Bolt
Lever Bolt

❷ The FFHS 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 Luminaire. The FFHS 600/750/1000/1200 Luminaires will also need the lever bolts located on the sides of the FFHS 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.

❸ FFHS 400/500 and FFHS600/750/1000/1200 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.

FFHS400/500

FFHS600/750/1000/1200

0.62" 6.50" 8.00" Ø0.62"

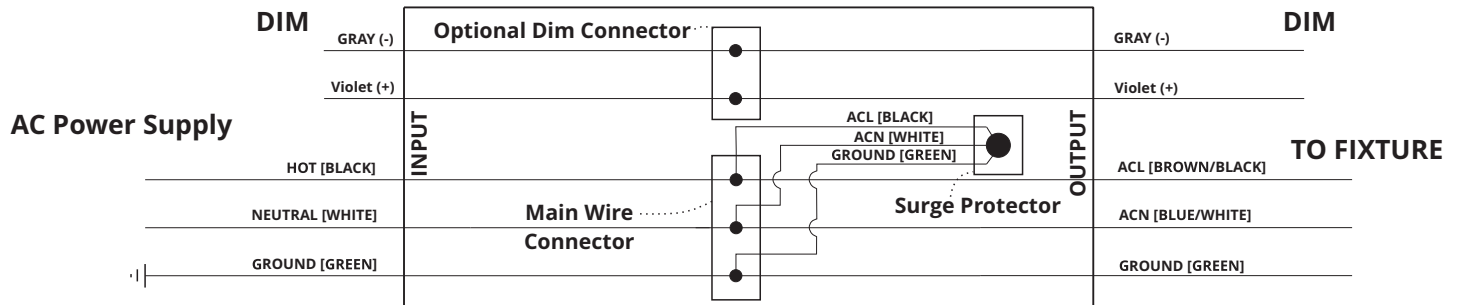0.64" 7.75" 9.50" Ø0.64

Surge Protector

Each FFHS 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.

Connector

ACL [BLACK]
ACN [WHITE]
GROUND [GREEN]

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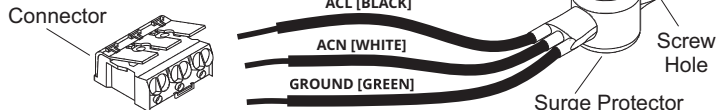
Using a J-Box, Connect the ACL and the ACN from the J-Box to the Fixture with the AC Power Supply cords. Follow the Wiring Diagram provided.

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

FFHS J-Box

DIM
GRAY (-)
Violet (+)

DIM
GRAY (-)
Violet (+)

Optional Dim Connector

AC Power Supply

INPUT

HOT [BLACK]
NEUTRAL [WHITE]
GROUND [GREEN]

Main Wire Connector

ACL [BLACK]
ACN [WHITE]
GROUND [GREEN]

Surge Protector

OUTPUT

TO FIXTURE
ACL [BROWN/BLACK]
ACN [BLUE/WHITE]
GROUND [GREEN]

# FFHS Series LED Flood Light Installation Sheet

Optional Slip Fitter

❶ The Optional Slip Fitter mount AC-FHS-SF provides a tilt option for the FFHS luminaire. There are several sizes for the FFHS Series. The AC-FHS-SF1 is for the FFHS400/500 luminaire. The AC-FHS-SF2 is for the FFHS 600/750. The AC-FHS-SF3 is for the FFHS 1000/1200 luminaire. Align the Slip Fitter to the FFHS Handle and fasten the two pieces together using the [4] Hex Head Bolts and nuts.

FFHS Handle

Slip Fitter

FFHS Handle

Bolts

Slip Fitter

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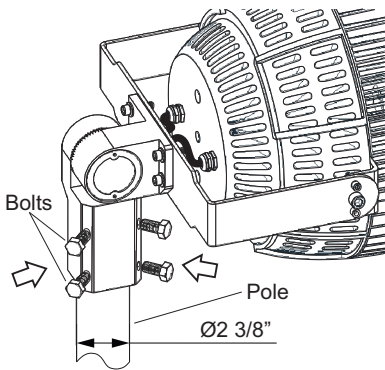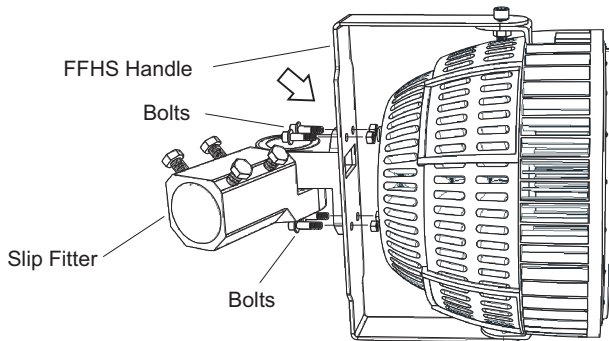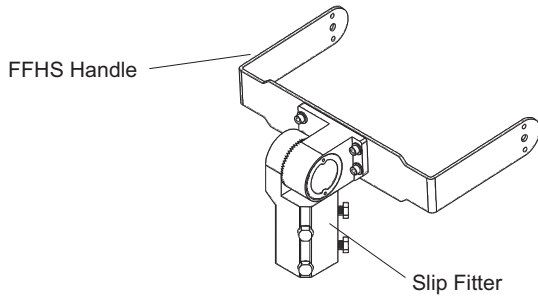
❷ Once the Slip Fitter is properly secured onto the FFHS Fixture, one can then run the Power Cable from the Fixture to the inside of the pole to allow it to be powered with an AC Power Supply Cable. Follow the wiring diagram. One can then place the Slip Fitter on top of a standard 2 3/8" diameter pole,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

Bolts

Pole

Ø2 3/8"
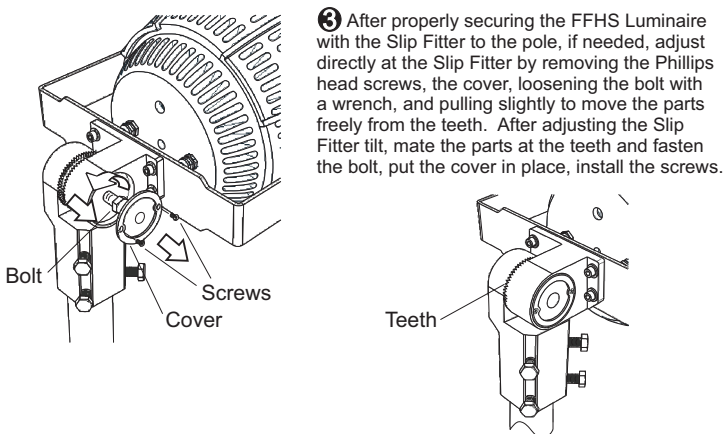
❸ After properly securing the FFHS Luminaire with the Slip Fitter to the pole, if needed, adjust directly at the Slip Fitter by removing the Phillips head screws, the cover, loosening the bolt with a wrench, and pulling slightly to move the parts freely from the teeth. After adjusting the Slip Fitter tilt, mate the parts at the teeth and fasten the bolt, put the cover in place, install the screws.

Bolt

Screws

Cover

Teeth

Optional Glare Shield

❶ The Optional Glare Shield AC-FHS-HD provides a restriction for excess glare by the FFHS luminaire. There are several glare shields for the FFHS Series. The AC-FHS-HD1 is for the FFHS400/500, the AC-FHS-HD2 is for the FFHS600/750, and the AC-FHS-HD3 is for the FFHS1000/1200 luminaires. The Glare Shield restricts the amount of light pollution and light trespass.

Glare Shield

Glare Shield
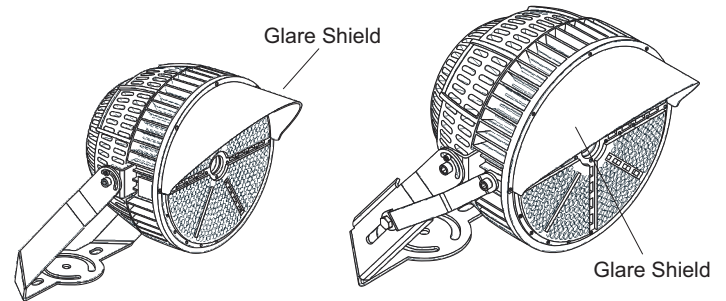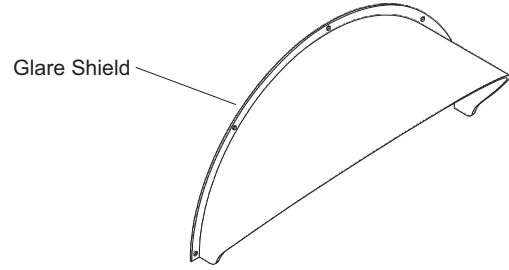
Glare Shield

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

Glare Shield

Screws
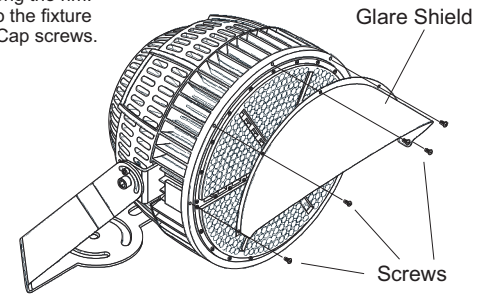
Optional Photo Cell

The FFHS 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.

PHOTO CELL

JUNCTION BOX

AC Power Supply

HOT [BLACK]   HOT [RED]

FFHS FIXTURE

HOT [BLACK]   ACL [BROWN/BLACK]

NEUTRAL [WHITE]   NEUTRAL [WHITE]   ACN [BLUE/WHITE]

HOT [RED]   GROUND [GREEN]