Architectural Floodlight – Lumen and CCT Selectable

Instruction Number: P-INT-X-255
Product Series: Harris FLGA4

Use these standard install instructions for the FLGA4 fixture.

Components

1 FLGA4 Fixture

Tools Required for Installation

-Cordless drill or Philips Screwdriver and Flat Head Screwdriver
-Wire stripper/cutter

WARNING!

1. Field installers are responsible for recognizing specific site requirements and making adjustment to ensure a complete, functional installation.
2. Electrical connections must be made by a qualified electrician and in accordance with NEC and local codes.
3. Make all power connections using UL listed components.
4. Make sure the supply voltage is the same as the rated voltage of the luminaire.
5. Proper grounding is required to ensure safety.
6. Please wear gloves to avoid injury before installation.
7. Check if there is any damage during shipping. If so, contact manufacturer immediately.
8. Read the installation instruction carefully to check whether all the accessories are included. After confirmation, then install the fixture according to installation steps.
9. Appropriate safety equipment needed during installation, to be determined by installer and per applicable safety standards and precautions.
10. Risk of fire or electrical shock. DO NOT cover fixture with insulation or similar material.
11. DO NOT install on unstable or easily breakable surface.
12. Please turn off the power before installation or maintenance.
13. Proper earth grounding is required to ensure safety.

MIN 75 °C SUPPLY CONDUCTORS 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 SUITABLE FOR OPERATION IN AMBIENT NOT EXCEEDING 50°C.

LES FILS D'ALIMENTATION 75 °C MINCE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS PEUT ÊTRE UTILISÉ À UNE TEMPÉRATURE AMBIANTE N'EXCÉDANT PAS 50°C.

Field Adjustable Lumens , CCT, and Photocell

End users can adjust the lumens and color temperature (CCT) to the desired level by the dip switch located on the back of the Floodlight housing. The Photocell can be turned ON or OFF.
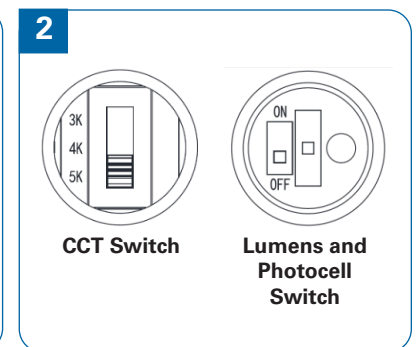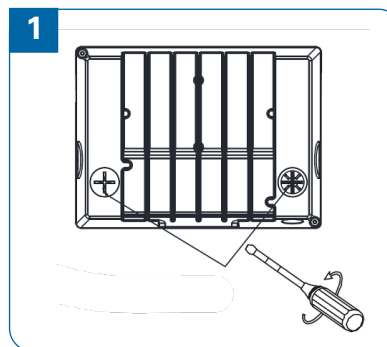
Default Setting:

Max Lumens

5000K – CCT

Photocell - ON

1 Turn off power supply.

2 Open the metal plug and plastic plug counterclockwise with a screwdriver. (Figure 1)

3 Slide the switch up and down to adjust lumens, CCT, and photocell. (Figure 2)

4 After selection, tighten the metal plug and the plastic plug clockwise.

5 Restore power to fixture and test.

CCT Switch   Lumens and Photocell Switch

FCC Statement: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

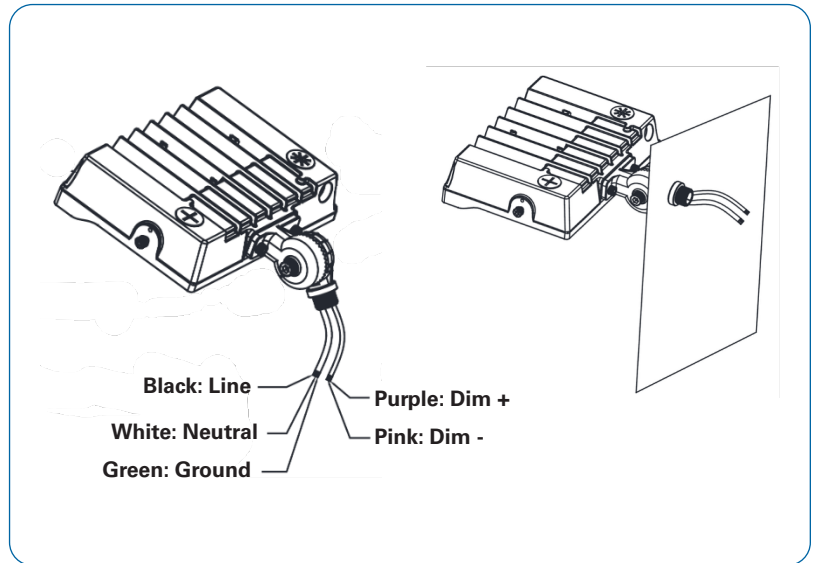## Architectural Floodlight – Lumen and CCT Selectable

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FLGA4 – A1 / B1, ½" NPS Knuckle Mounting

1 Turn off power supply.

2 Install the fixture by knuckle bracket on the weatherproof Junction Box (supplied by others), and secure it by ½" locknut.

3 Make electrical connections from the supply ground (L/N/GND) lead to fixture ground (L/N/GND) lead respectively, making sure to follow all National Electrical Code and all applicable local codes and ordinances.

4 Aim fixture by loosening center screw on knuckle and rotating fixture to desired tilt angle. Re-tighten screw.

5 While making electrical connections, ensuring water does not enter fixture through 1/2" fitting.
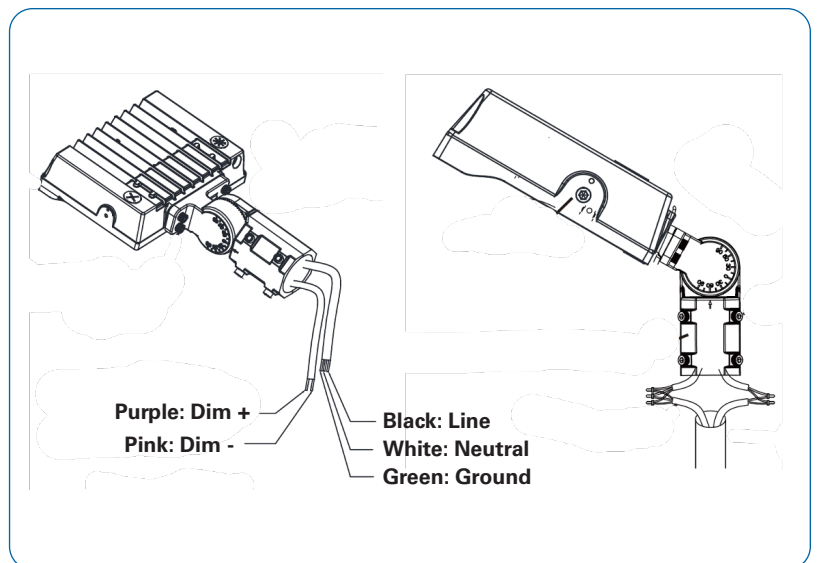
6 Restore power to fixture and test.

CAUTION: Seal the 1/2" NPS thread using weatherproof silicone sealant while installing. This is especially important.

Black: Line — Purple: Dim +
White: Neutral — Pink: Dim -
Green: Ground

FLGA4 – C1, Slipfitter Mounting

NOTE: This slipfitter can adapt to maximum 2 3/8" OD tenon.

1 Turn off power supply.

2 Remove the set screws (4x) provided.

3 Make electrical connections from the supply ground (L/N/GND) lead to fixture ground (L/N/GND) lead respectively, making sure to follow all National Electrical Code and all applicable local codes and ordinances.

4 Route power supply cable inside pole and slide floodlight assembly in place.

5 Insert the M8 set screws (4x). Ensure set screws are fully tightened.

6 Aim fixture by loosening center screw on slipfitter and rotating floodlight to desired tilt angle. Re-tighten screw.

7 Restore power to fixture and test.

Purple: Dim + — Black: Line
Pink: Dim - — White: Neutral
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Architectural Floodlight – Lumen and CCT Selectable
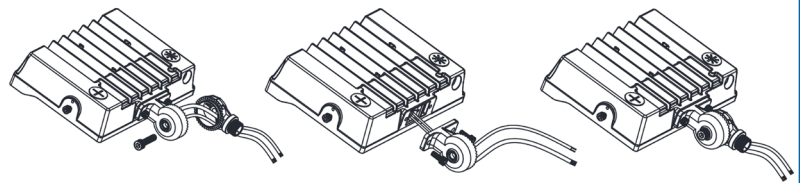
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Yoke Mounting Installation
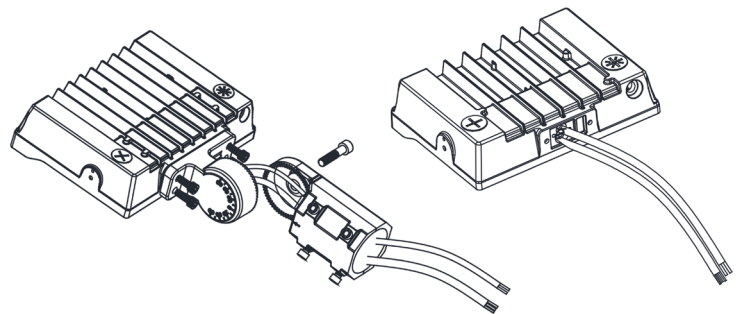
FLGA4 – A1 / B1
Remove pre-installed Knuckle mount

1 Turn off power supply and disconnect electrical connections.

2 Loosen knuckle center screw and remove one half of the knuckle.

3 Loosen the two screws to remove knuckle mounting base from the fixture.
   CAUTION: Carefully slide electrical cables and avoid damaging the outer black jacket material.

4 Proceed to yoke bracket installation below.

FLGA4 – C1
Remove pre-installed Slipfitter mount

1 Turn off power supply and disconnect electrical connections.

2 Loosen slipfitter center screw and remove one half of the slipfitter.

3 Loosen the four screws to remove slipfitter mounting base from the fixture.
   CAUTION: Carefully slide electrical cables and avoid damaging the outer black jacket material.

4 Proceed to yoke bracket installation below.

Install Yoke mount bracket

1 Turn off power supply.

2 Slide the yoke to the holes on each side of the fixture. Assemble the yoke to fixture with screws (provided).

3 Drill holes into mounting surface at desired location.

4 Mount fixture using suitable screws and anchors for the type of wall material and fixture weight.

5 Route power and dimming cable into weatherproof Junction Box (supplied by others).

6 Make electrical connections from the supply (L/N/GND) to fixture (L/N/GND) lead respectively, making sure to follow all National Electrical Code and all applicable local codes and ordinances.

7 Aim fixture by loosening screws on yoke and rotating floodlight to desired tilt angle. Re-tighten screws.

8 Restore power to fixture and test.

Purple: Dim +
Pink: Dim -
Black: Line
White: Neutral
Green: Ground