

PREMIUM FLOODLIGHT

Installation Instructions

Please read the user manual carefully and follow it. This will help to prevent damage of the producprolong its lifespan; And it will be helpful for your normal use and maintenance, to ensure that your life safety. Please keep the manual properly.

Parameters

SKU No.	Input Voltage	CCT	Power	Rated	Bracket
A-FL60/60/100W-NV-345K-567DS	120-277V 50-60HZ	3000/4000/5000K	60/60/100W	0.49/0.66/0.84A	Slipfitter
A-FL60/60/100W-NV-345K-567DT	120-277V 50-60HZ	3000/4000/5000K	60/60/100W	0.49/0.66/0.84A	Trunnion
A-FL80/100/150W-NV-345K-567DS	120-277V 50-60HZ	3000/4000/5000K	80/100/150W	0.77/1.03/1.32A	Slipfitter
A-FL80/100/150W-NV-345K-567DT	120-277V 50-60HZ	3000/4000/5000K	80/100/150W	0.77/1.03/1.32A	Trunnion



Protect yourself. Before installing, read the entire instructions carefully and save them for future reference.

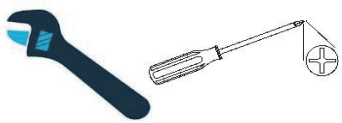
Date installed: _____

Failure to follow any of these instructions could void product warranties. Assumes no responsibilities for claims arising out of improper or careless installation or handling of its products. Upon receipt of fixture, thoroughly inspect for any freight damage. All damage should be reported to the delivery carrier. Compare the catalog description listed on the packing slip with the fixture label on the inside of the housing to be sure you have received the correct merchandise.

Mounting Hardware Required Purchase Separately

REQUIRED TOOLS:

Description: 3/16 Allen wrench
M8 Allen wrench
Adjustable wrench
PH2 Cross screwdriver
SL8 Slotted Screwdriver



READ AND FOLLOW THESE SAFETY INSTRUCTIONS!

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards please read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precau ons.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.

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- For Residential installa on: If you are unsure about the installa on or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.
 - Maintenance of the luminaires should be performed by person(s) familiar with the luminaires' construc on and opera on and any hazards involved. Regular fixture maintenance programs are recommended.
 - This fixture is intended to be connected to a properly installed and grounded UL listed junc on box.
 - It will occasionally be necessary to clean the outside of the refractor/ lens. Refractor/lens should be washed in a solu on of warm water and any mild, non-abrasive household detergent, rinsed with clean water and wiped dry. Should op al assembly become dirty on the inside, wipe refractor/lens and clean in above manner, replacing damaged gaskets as necessary.
 - DO NOT INSTALL DAMAGED PRODUCT! This luminaire has been properly packed so that no parts should have been damaged during transit. Inspect to confirm. Any part damaged or broken during or a er assembly should be replaced.
 - These instruc ons do not purport to cover all details or varia ons in equipment nor to provide every possible con gency to meet in connect on with installa on, opera on, or maintenance.
- CAUTION**
RISK OF PRODUCT DAMAGE
- ▶ Never connect components under load.
 - ▶ Do not mount or support these fixtures in a manner that can cut the outer jacket or damage wire insula on.
 - ▶ Unless individual product specifica ons deem otherwise: Never connect an LED product directly to a dimmer packs, occupancy sensor, ning device, or other related control devices. LED fixtures must be powered directly off a switched circuit.
 - ▶ Unless individual product specifica ons deem otherwise: Do not restrict fixture ven on. Allow for some volume of airspace around the fixture. Avoid covering LED fixtures with insula on, foam, or other material that will prevent convec on or cooling.
 - ▶ Unless individual product specifica ons deem otherwise: Do not exceed fixtures maximum ambient temperature.
 - ▶ Only use fixture in its intended loca on.
 - ▶ LED products are Polarity Sensi e. Ensure proper Polarity before installa on.
 - ▶ Electrosta c Discharge (ESD): ESD can damage LED fixtures. Personal grounding equipment must be worn during all installa on or servicing of unit.
 - ▶ Do not touch individual electrical components as this can cause ESD, shorten lamp life, or alter performance.
 - ▶ Always read the fixtures complete installa on instruc ons prior to installa on for any addi onal fixture specific warnings.

- CAUTION**
RISK OF FIRE
- ▶ Keep combus ile and other materials that can burn, away from lamp/ lens.
 - ▶ Do not operate in close proximity to persons, combus ile materials or substances affected by heat.
- WARNING**
RISK OF ELECTRIC SHOCK
- ▶ Disconnect or turn off power before installa on or servicing.
 - ▶ Verify that supply voltage is correct by comparing it with the label informa on.
 - ▶ Make all electrical and grounded connect ons in accordance with the Na onal Electrical Code (NEC) and any applicable local code requirements.
 - ▶ All wiring connect ons should be capped with UL approved wire connectors.
- CAUTION**
RISK OF INJURY

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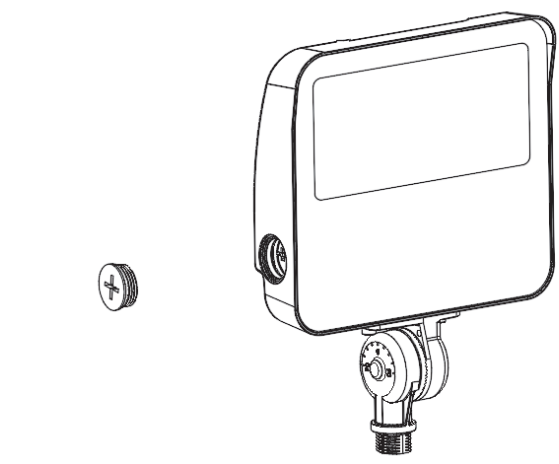


Figure 1

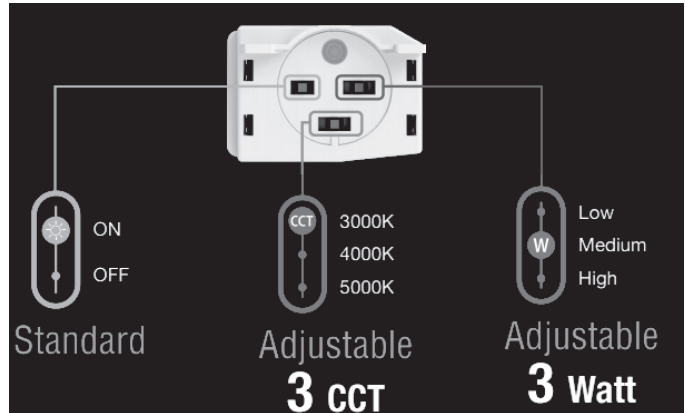


Figure 2

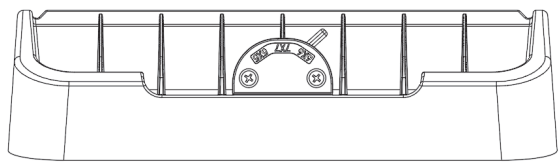
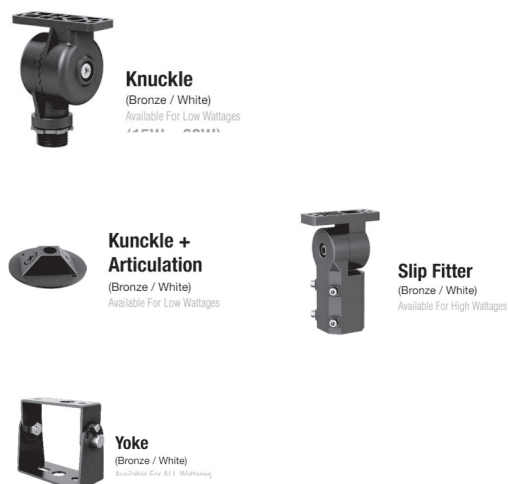


Figure 3

Installation instructions for different supports

- Remove fixture components and parts pack. Check to ensure all parts are included. **Note:** Account for small parts and destroy packing material, as these may be hazardous to children.



Fixture Wiring

Note: Fixture Driver provides 0-10V dimming output for a er market controls. As shown in Figure A.

1. Connect wiring per the wiring diagram and standard wiring prac ces.
2. If 0-10V wiring is not used, make sure wires are capped.
3. Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.

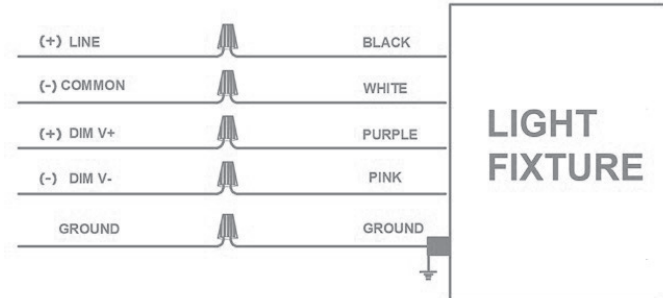


Figure A

KNUCKLE MOUNT

- The knuckle is the factory bracket of lamps, users can be modified on the basis of the corresponding accessories, the knuckle mount does not provide installa on
- The knuckle mount applies to 60W installa ons.

KNUCKLE + ARTICULATION MOUNT

- The knuckle articula on mount applies to 35W , 60W installa ons.
- Thread Moun ng Plate (3) onto Knuckle (2) and nten locknut to secure or thread knuckle into a 1/2 NPS hole in a compa ile moun ng apparatus. Note: Seal arm thread using Teflon tape or silicone sealant. Refer to wiring instruc ons for power connect on.
- Use moun ng screws (4) to secure Moun ng plate to junc on

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box.

- To adjust the tilt angle of the fixture, loosen the 1/4-20 Socket Cap Screw in the Knuckle with a 3/16 Allen wrench, rotate fixture to the desired angle and re-tighten screw to min. 2.2 lbs (3Nm) to max. 2.5 lbs (3.5Nm). See Figure B.
- To ensure weatherproof seal, apply weatherproof silicone sealant around the edge of the junc on box (not supplied). This is especially important with an uneven wall surface.

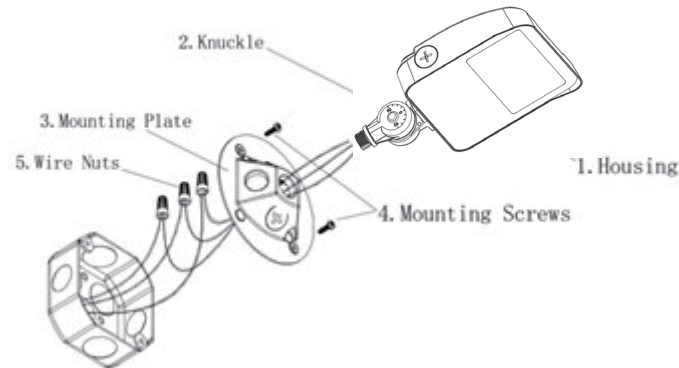
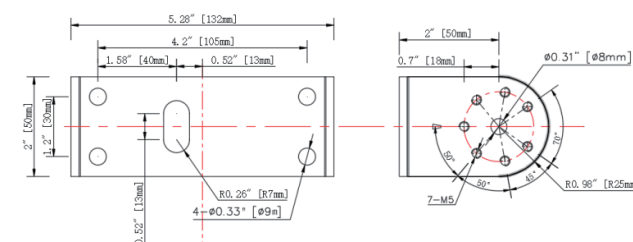
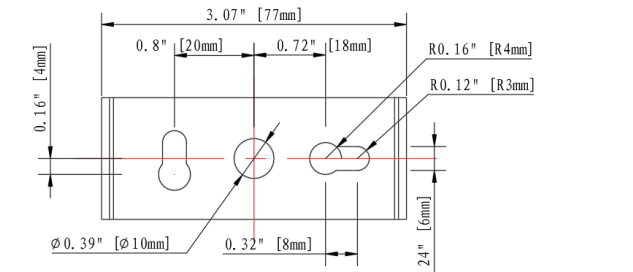
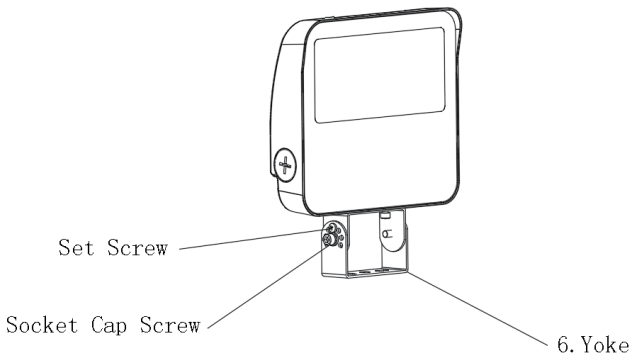


Figure B

YOKE MOUNT

- The knuckle plug mount applies to all power installa ons.
- **1: The following steps are for 35W , 60W lamps**
- 1 If Yoke mount is desired, remove Knuckle and install Yoke.
- 2 To install Yoke mount
- 3 Remove Knuckle from Fixture using 3/16" Allen wrench to remove two 1/2" 1/4-20 Socket Cap Screws and pull Knuckle gently off cord.
- 4 Thread cord through center hole in upper sec on of Yoke (6).
- 5 Secure Yoke to housing with Socket Cap Screws removed earlier.
- 6 Tighten to min. 2.2 lbs (3Nm) to max. 2.5 lbs (3.5Nm) Mount fixture to the desired bracketry with 10#-24 bolts, lock washer, and nut (not provided). See Figure B for template of yoke bracket hole pa ern.
- 7 To adjust the angle of the fixture, use 3/16" Allen wrench to loosen the 1/4-20" Socket Cap screws on both sides of the yoke. While holding weight of fixture, use a 9/64" cross screwdriver #8-32 Cross Recessed Pan Head Machine Screws, adjust to desired angle and reinstall set screw in appropriate matching hole. Re-n tighten screws to min. 2.2 lbs (3Nm) to max. 2.5 lbs (3.5Nm) to secure. See Figure C.
- **2: The following steps are for 100W, 150W lamps.**
- 1 If Yoke mount is desired, remove slip fitter and install Yoke.



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Figure C

SLIP FITTER MOUNT

- Insert the lamp body into the lamp pole, and then use the M8 hex wrench to screw the four M8 screws (with a nut) into the rotary arm to nten and secure it. As shown in Figure E.
- The knuckle articula on mount applies to 100W, 150W installa ons.

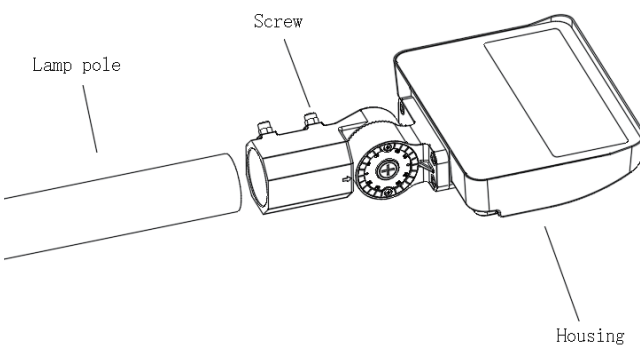
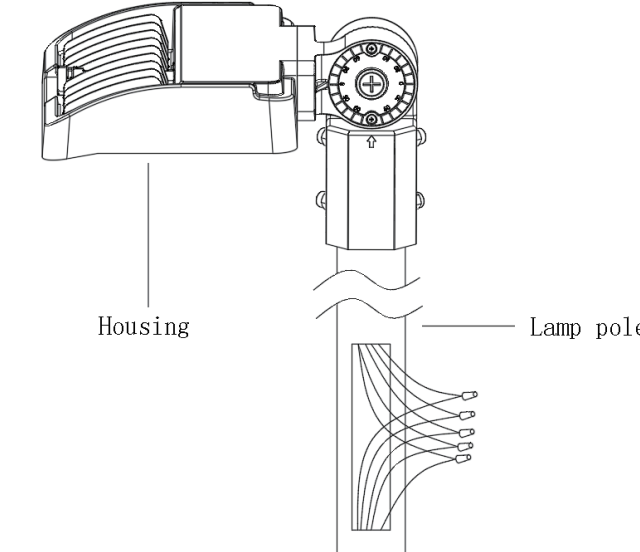


Figure D

Check Wiring

- SLIP FITTER MOUNT allow for the inspec on of branch circuit connect ons a er installa on. Use a cross screwdriver to unscrew the four screws on bracket cover to check the wiring, as shown in Figure F



KNUCKLE + Tenon mount

- The knuckle Tenon mount applies to 35W , 60W installa ons.
- Make the wiring connect on and tread luminaire into the tenon. Mount the tenon on desired loca on. Remove set screw, adjust angle, nten set screw. Maximum torque 8N.m.

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