

INSTALLATION INSTRUCTIONS

Read instruction manual carefully to ensure proper installation.
Keep this instruction manual.

WARNING:



RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

WARNING:



To avoid the risk of fire or electric shock, this product must be installed, inspected, and maintained only by a qualified electrician. Installation must be performed by an individual familiar with the construction and operation of the luminaire. Installation must comply with national and local building and electrical codes.

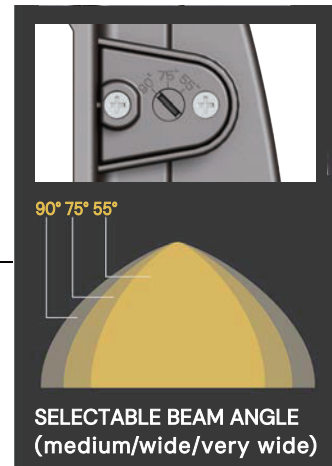
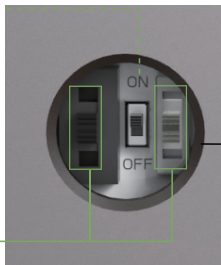
WARNING

Please read all instructions before attempting installation.

- To prevent personal injury or product damage, installation must be performed by a licensed electrician only.
- To avoid electric shock or component damage, disconnect power before installation or servicing.
- This product must be installed in accordance with the National Electrical Code (NEC) and all applicable federal, state, and local electrical codes and safety standards.
- Disconnect power and allow the product to cool before servicing.
- Alteration or modification of this product is strictly prohibited; it may cause serious personal injury, death, property damage, and/or product malfunction.
- To prevent product malfunction and/or electric shock, this product must be properly grounded.
- Suitable for operation in ambient temperatures ranging from -40°C to 40°C.
- 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.
- Minimum 75°C supply conductors required.
- Suitable for mounting within 1.2 m (4 ft) of the ground.
- Not suitable for special environments such as those containing corrosive gas, liquids, or high-pressure water vapor.

STRUCTURAL DESIGN

Photocell: Integrated dusk-to-dawn photocell automatically turns the fixture on at night and off at daylight to conserve energy and extend service life. The photocell can be enabled or disabled via an internal DIP switch.



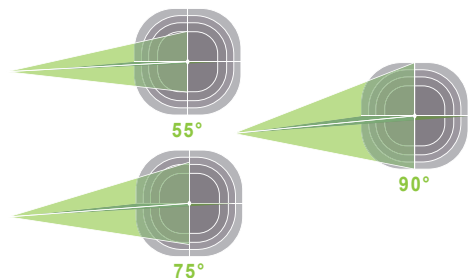
CCT & Wattage Field Selectable

This fixture offers field-selectable lumen output and color temperature, allowing on-site configuration to meet specific project requirements.

Wattage Selectable Options:

30W / 24W / 18W / 12W
60W / 48W / 36W / 24W
90W / 72W / 54W / 36W
120W / 96W / 72W / 48W
150W / 120W / 90W / 60W

CCT Selectable: 3000K, 4000K, 5000K

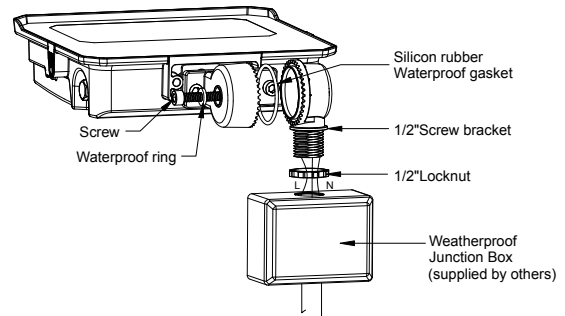


1/2" NPS Knuckle Mount

Applicable to: optional ground stake mount, pole top fitter mount

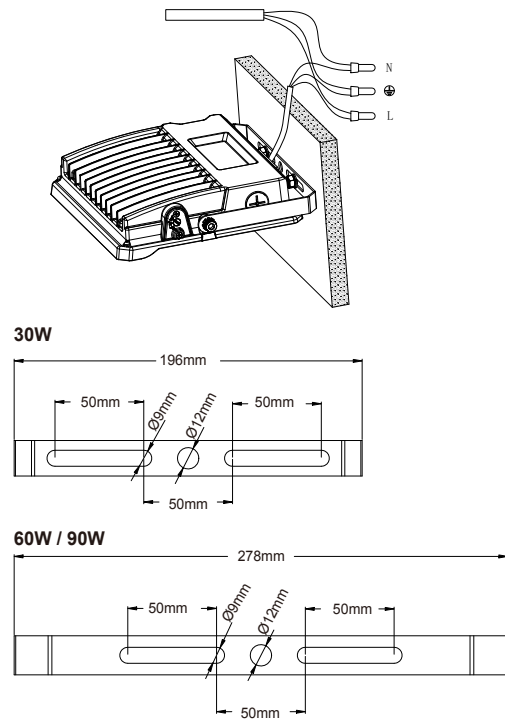
1. Install the fixture onto the weatherproof junction box (supplied by others) using the knuckle bracket, and secure with a 1/2" locknut.
2. Connect the supply leads (L/N/GND) to the corresponding fixture leads (L/N/GND), in accordance with the National Electrical Code and all applicable local codes and ordinances.
3. Aim the fixture by loosening the screw on the fitter knuckle and rotating the fixture to the desired tilt angle. Re-tighten the screw.
4. When making electrical connections, ensure water does not enter the fixture through the 1/2" fitter.
5. Installation and servicing must be performed by a qualified, licensed electrician.

CAUTION: Seal the 1/2" NPS thread with weatherproof silicone sealant during installation. This step is critical.



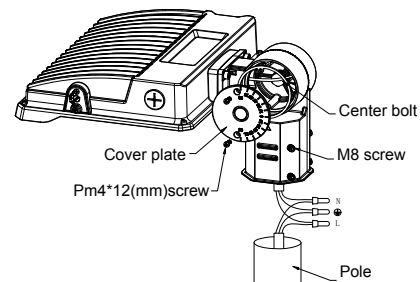
Trunnion Mount

1. Mount the fixture onto the surface using the hole pattern provided on the trunnion bracket.
2. Connect the supply leads (L/N/GND) to the corresponding fixture leads (L/N/GND), in accordance with the National Electrical Code and all applicable local codes and ordinances.
3. Aim the fixture by loosening the screw on the fitter knuckle and rotating the fixture to the desired tilt angle. Re-tighten the screw.
4. When making electrical connections, ensure water does not enter the fixture through the 1/2" fitter.
5. Installation and servicing must be performed by a qualified, licensed electrician.



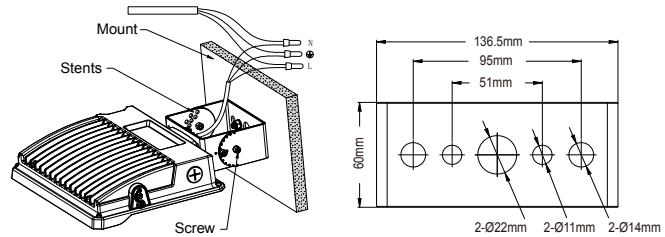
Slipfitter Mount

1. Connect the wires to L / N / GND.
2. Remove the cover and adjust the bracket to the desired angle.
3. Install the bracket on the pole and secure it with the screw.



Trunnion Mount

1. Connect the wires to L / N / GND.
2. Mount the fixture to the surface using the hole pattern provided on the trunnion bracket.
3. Loosen the center bolts and set screw.
4. Rotate the fixture to the desired aiming position and tighten the center bolts.
5. Tighten the set screw.
6. Refer to the wiring diagram for the power connection.



Wattage and CCT Selectable Version

1. To access the power and CCT adjustment controls, remove the 3/4" screw plug on the back (30W) or on the right side (60W/90W/120W/150W) of the fixture.
2. Use the white switch for wattage adjustment, the middle switch for photocell control, and the black switch for CCT adjustment.
3. Replace the 3/4" screw plug and tighten.

Beam Angle Adjustment

Change the beam angle of the fixture according to the instructions below.

Options: 55° / 75° / 90°

Factory setting: 90°

1. Choose the desired beam angle by rotating the angle adjustment device on the side of the housing.
2. Use an appropriate flat-head screwdriver or tool to adjust the beam angle.

TROUBLESHOOTING

Change the Turn off power before continuing.

Light does not come ON.

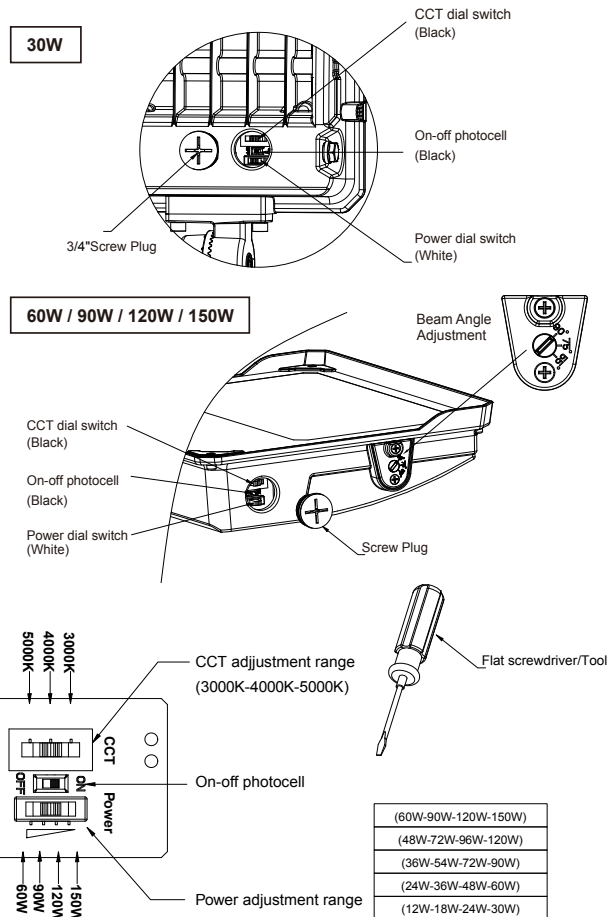
- A. Check if the circuit breaker is tripped.
 - B. Confirm the wall switch is ON.
 - C. Check if the wiring to the unit is loose.
 - D. Ensure the fixture is connected to line voltage.
 - E. Confirm wiring is properly secured.
- Light cycles ON and OFF continuously.

A. Check if the photocell is sensing reflected light.

Light stays ON.

A. Be sure the photocell, if used, is functioning properly.

If the light still does not work after troubleshooting, contact customer service. tool to adjust the beam angle.



WIRING DIAGRAM

For 0-10V dimming version, please check wiring diagram below.

