

LED FLOOD LIGHT

Installation Guide



WARNING

PLEASE READ ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION

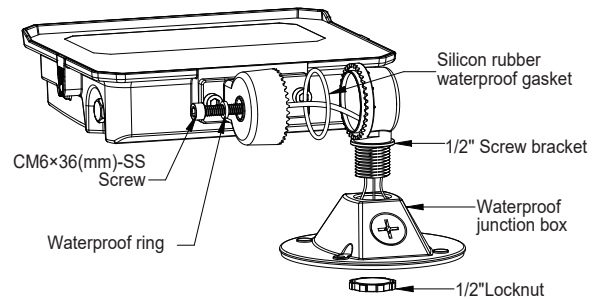
- To prevent personal injury or product damage, only licensed electricians should install.
- To avoid electric shock or component damage, disconnect power before attempting installation or servicing.
- Installation must comply with the safety standards and Electrical codes of the National Electrical Code (NEC), federal, state, and local governments.
- Disconnect product and allow cooling prior to servicing.
- Any alteration or modification of this product is expressly forbidden as it may cause serious personal injury, death, property damage and/or product malfunction.
- To prevent product malfunction and/or electrical shock this product must be properly grounded.
- Suitable for operation in ambient temperatures ranging from -40°C to 45°C (-40°F - + 113°F).
- 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.
- 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.
- Installation and service of luminaires should be performed by a qualified licensed electrician.
- Min. 75°C supply conductors.
- Suitable for mounting within 1.2 m (4 ft) of the ground
- This product is not available for several special environments, such as places with corrosive gas liquids or high pressure water vapor.

Mounting Guide

1/2" NPS Knuckle Mount

Ground stake mount or pole top fitter mount optional

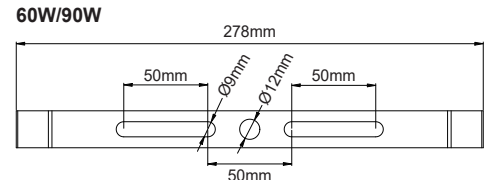
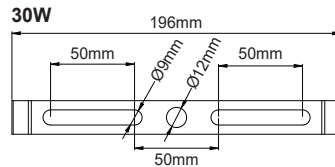
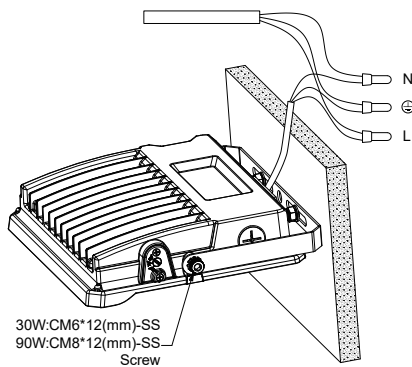
1. Install the 1/2" threaded bracket of the fixture onto the waterproof junction box (Sold separately or provided by others), and then tighten the 1/2" locking nut.
2. Connect the grounding and electrical connections separately.
While making electrical connections, ensuring water does not enter fixture through 1/2" fitting.
3. Loosen the CM6×36 screw, then select the desired angle by rotating the fixture, and finally tighten the screw.



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

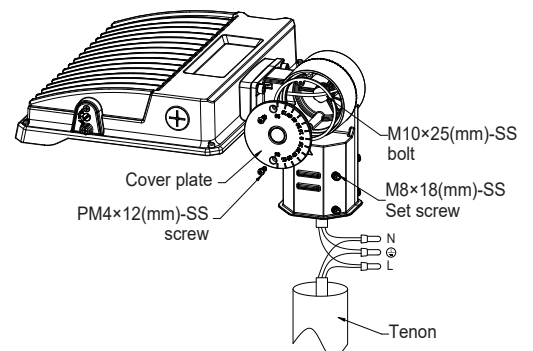
Trunnion Mounting

1. Mount fixture onto surface using the holes pattern provided on the trunnion bracket.
2. Connect the grounding and electrical connections separately.
3. Loosen the screws on the side of fixture and rotate the fixture to the desired tilt angle. Then re-tighten the screws.



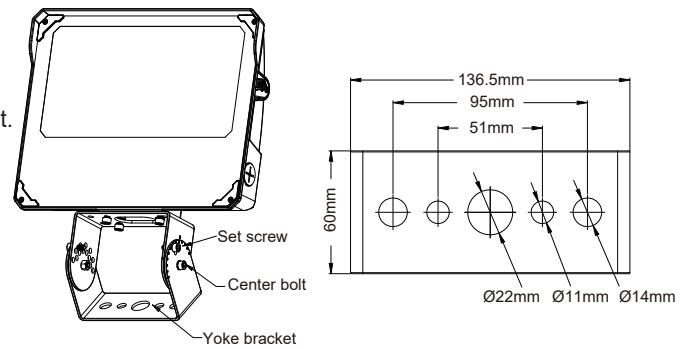
Slipfitter Mounting

1. Connect the grounding and electrical connections separately.
2. Place the slipfitter onto tenon and secure the fixture with tighten the HM8×18 set screws.
3. Loosen the two PM4×12 screws and remove the cover plate. Loosen the central bolt, select the desired angle by rotating the fixture, and finally tighten the central bolt.
4. Reinstall the cover plate properly.



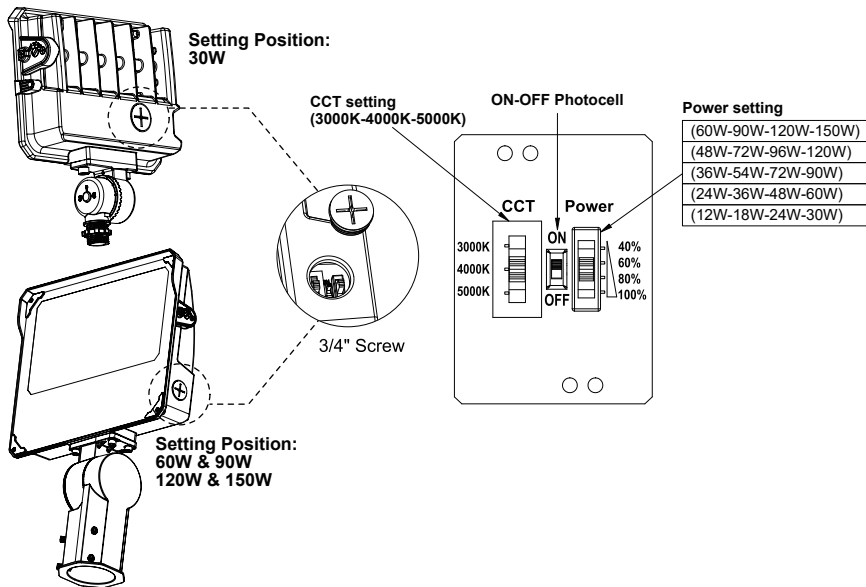
Yoke Mounting

1. Mount fixture to surface using the holes pattern provided on the yoke bracket.
2. Loosen the center bolts and remove the set screws.
3. Rotate the fixture to the desired tilt angle.
Re-tighten the center bolts and the set screws.
4. Refer to the wiring diagrams for power connection.



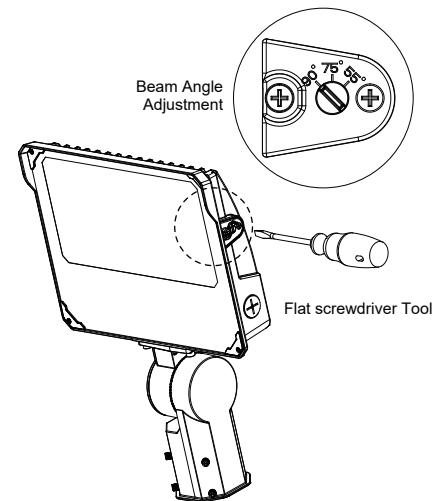
Power and CCT setting

1. To access Power and CCT Select Control, 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 setting, the middle for photocell control and the black for CCT setting.
3. Replace the 3/4" screw plug and tighten.



Beam Angle Setting

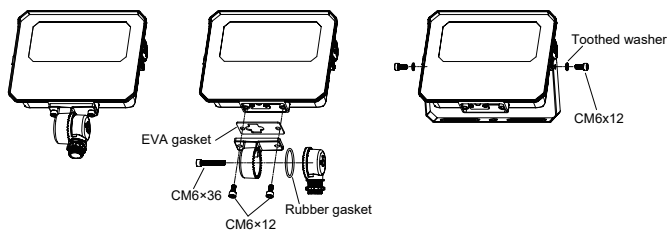
Use an appropriate flat-head screwdriver/tool to set the beam angle(55°/ 75°/ 90°).



Replacement Bracket(Optional)

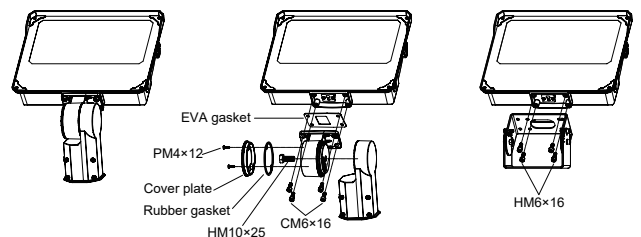
Knuckle replace Trunnion

1. Remove the CM6×36 screw and mounting screws CM6×12 of the knuckle bracket and take off the mounting bracket.
2. Install the trunnion bracket and be secured by toothed washer, CM6×12 screws (don't fully tighten it). Rotate the luminaire to the desired tilt angle. Then re-tighten the screws.



Slipfitter replace Yoke

1. Remove the two PM4×12 screws and then take off the cover plate. Remove the central bolt and the mounting screws CM6×16, and then take off the mounting bracket.
2. Install the yoke bracket and screw it on (don't fully tighten it). Rotate the luminaire to the desired tilt angle. Then re-tighten the screws.



TROUBLESHOOTING

Turn off power before continuing.

1. Light does not come ON.
 - A. Check if circuit breaker tripped.
 - B. Confirm wall switch is ON.
 - C. Check that if the wiring to the fixture is loose.
 - D. Check that the line voltage at the fixture is correct.
 - E. Confirm wiring is properly secured.
2. Light cycles ON and OFF continuously.
3. Light stays ON.

WIRING DIAGRAM

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

LED FIXTURES	Black	Line
	White	Neutral
	Green/Yellow Green	Ground
	Purple	DIM+
	Pink	DIM-