

MFL7-2G LED

INSTALLATION INSTRUCTIONS



BEFORE YOU BEGIN
Read and follow all safety instructions



WARNING

RISK OF FIRE, EXPLOSION AND ELECTRIC SHOCK

- This product should be installed, inspected, and maintained by a qualified electrician only, in accordance with the NEC (National Electric Code) and all local codes.
- Turn off electrical power before inspection, installation or removal.
- Use only UL (or other NRTL) approved wire for input/output connections.
- Make sure LEDs and drivers are cool to touch when performing maintenance. Make sure the supply voltage is the same as the rated voltage of the luminaire.
- Do not install in a hazardous atmosphere, except where the ambient temperature does not exceed the rated operating temperature of the fixture.
- Keep tightly closed when in operation



Prepare Electrical Wiring



Electrical Requirements

Must check if the local voltage range is correspond with the working voltage of the fixture. Use min. 75°C supply.



Grounding Instructions

The grounding and bonding of the overall system shall be done in accordance with NEC Article 600 and local codes.



Follow all applicable safety procedures and use Personal Protective Equipment such as hardhats, safety glasses, reflective vest, electrical safety gloves, fall protection equipment and safety toe boots during the installation, operation, and maintenance of the luminaire.

IMPORTANT-to weather-proof your outdoor installation, be sure to seal all housing. (Mounting, Conduit, Plugs, Etc.) with silicone sealant.

*** Any damage caused from improper installation will void warranty and not be accepted for RGA (Return Goods Authorization). Improper installation includes but not limited to field-drilled hole(s), improper closure/seal and any damage caused during installation.**

Contractor is responsible for adequately reinforcing ceilings to support luminaire weight. Utopia Lighting accepts no responsibility for inadequately reinforced ceilings. The information contained in this drawing is the sole property of Utopia Lighting.

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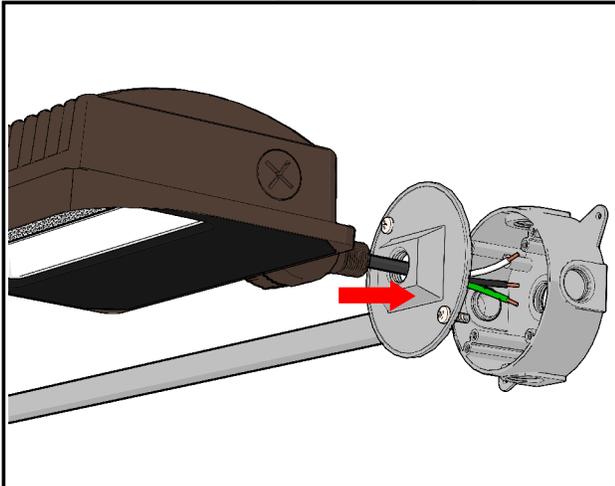
CHECK:

- Ensure that the supply power is shut off.
- Unpack the fixture and ensure that there are no damaged or missing parts.

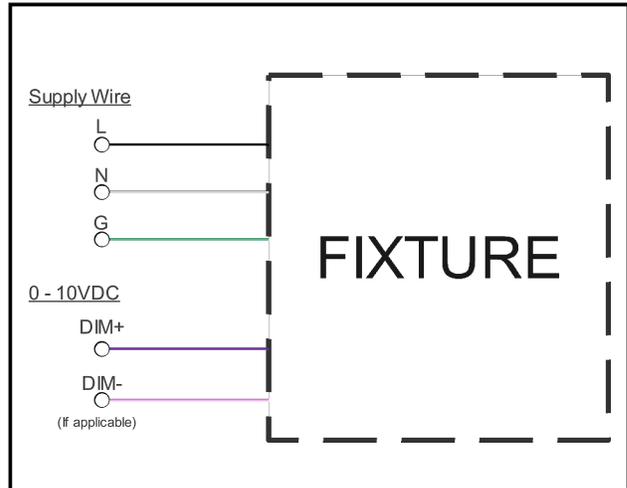
Tools Required:

- Hex Key Set
- Wire Strippers
- Wire Cutters
- Phillips screwdriver

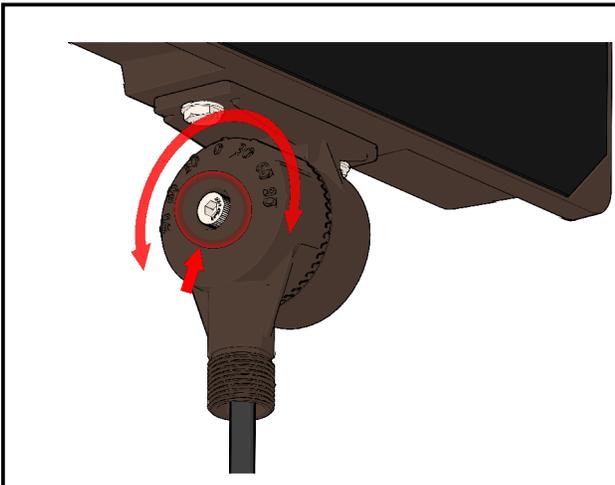
Standard Installation (Knuckle Mount)



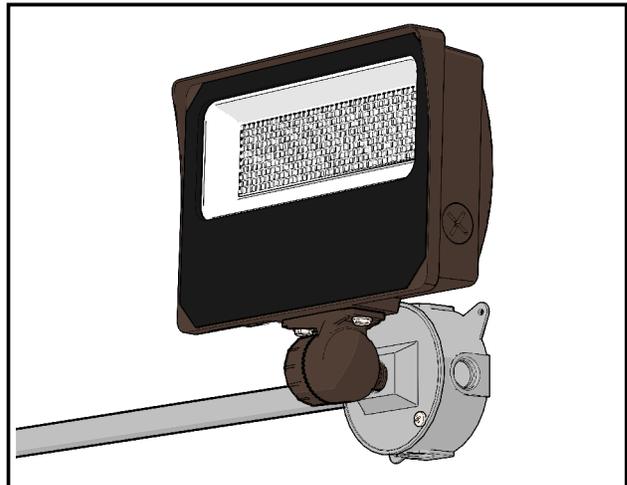
Step 1: Feed the power cord into the junction box or conduit. If j-box mounted, insert the threaded portion of the knuckle into the desired knock-out on the junction box.



Step 2: Make the wiring connections according to the diagram on Page 6. If dimming is not required, make sure the dimming leads are capped.



Step 3: To aim the fixture, use a hex key to loosen the machine screw. Move the fixture head to the appropriate position and tighten the screw to lock it in position.



Step 4: Restore power and check that the fixture is working properly.



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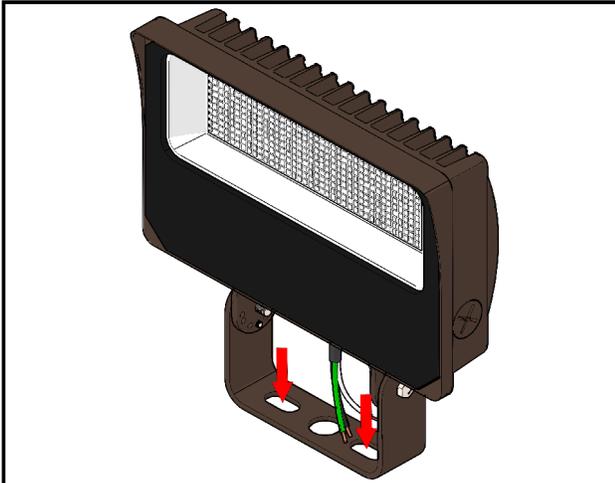
CHECK:

- Ensure that the supply power is shut off.
- Unpack the fixture and ensure that there are no damaged or missing parts.

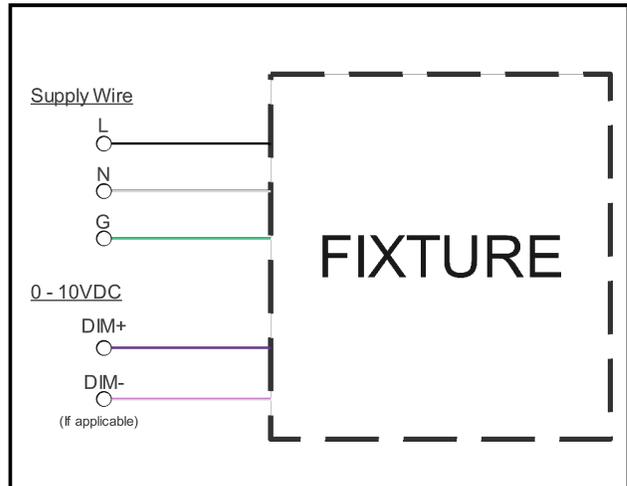
Tools Required:

Wire Strippers
Wire Cutters
Phillips
screwdriver

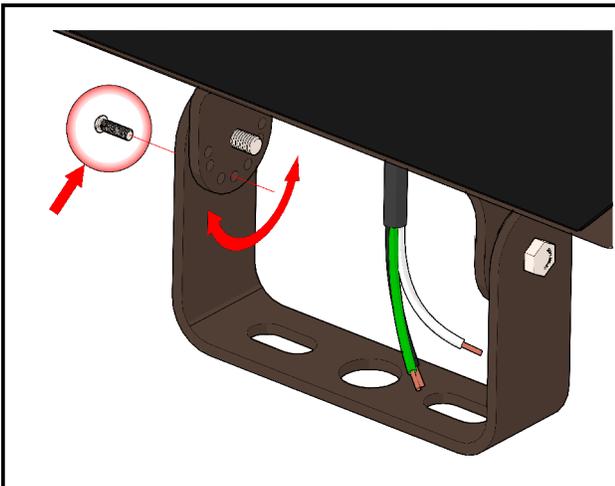
Standard Installation (Trunnion Mount)



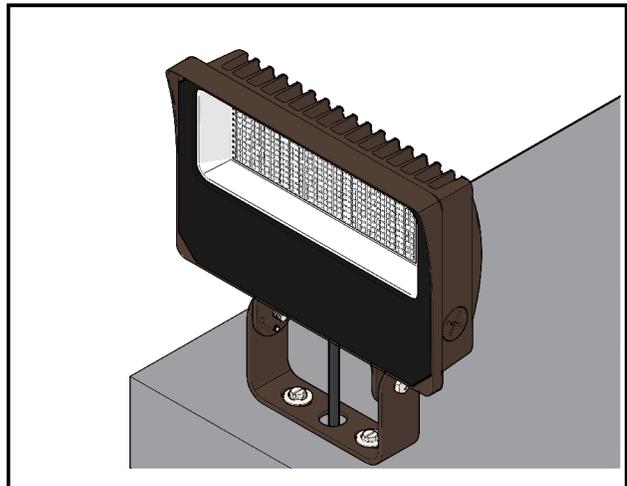
Step 1: Mount the fixture to the desired surface using the appropriate hardware (provided by others). Feed the power cable to a junction box or other wiring compartment.



Step 2: Make the wiring connections according to the diagram on Page 6. If dimming is not required, make sure the dimming leads are capped.



Step 3: To aim the fixture, use a screwdriver to loosen the machine screw. Move the fixture head to the appropriate position and tighten the screw in one of the threaded slots to lock it in position .



Step 4: Restore power and check that the fixture is working properly.



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CHECK:

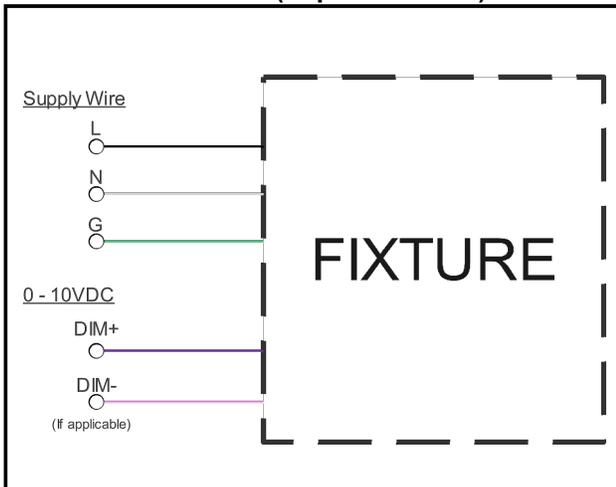
- Ensure that the supply power is shut off.
- Unpack the fixture and ensure that there are no damaged or missing parts.

Tools

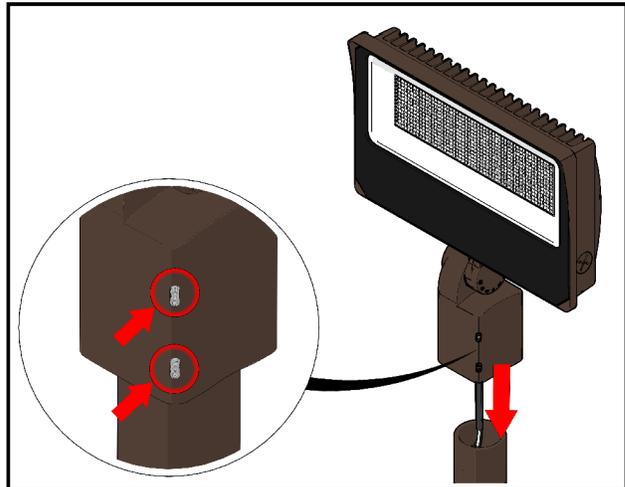
Required:

- Hex Key Set
- Wire Strippers
- Wire Cutters
- Phillips screwdriver

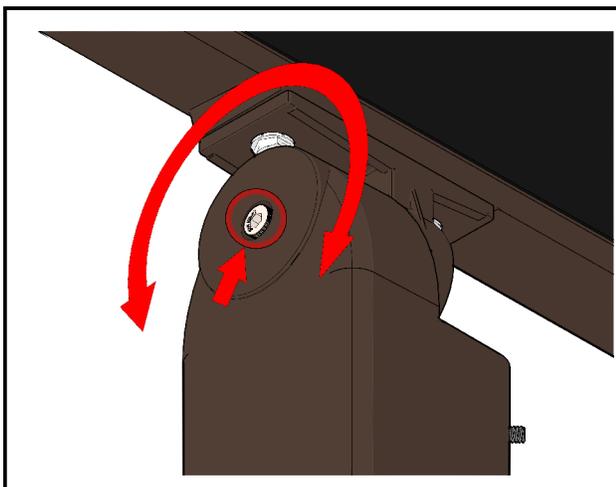
Standard Installation (Slipfitter Mount)



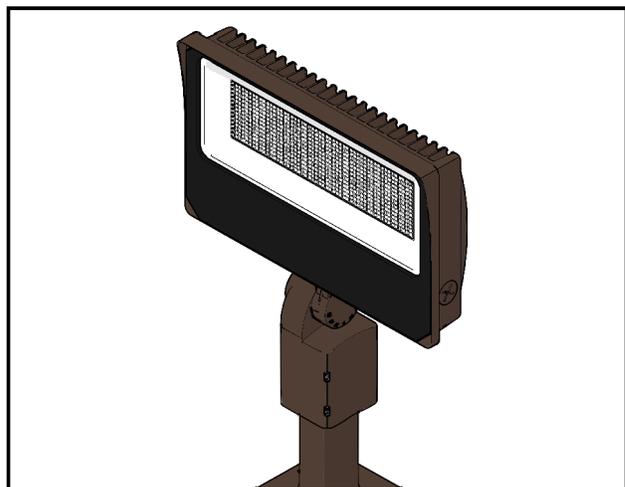
Step 1: Make the wiring connections according to the diagram on Page 6. If dimming is not required, make sure the dimming leads are capped.



Step 2: Slide the slipfitter onto the tenon or pole taking care to ensure that no wires are pinched. Tighten the set screws securely to lock the slipfitter onto the tenon or pole.



Step 3: To aim the fixture, use a hex key to loosen the machine screw on the slipfitter. Move the fixture head to the appropriate position and tighten the screw to lock it in position.



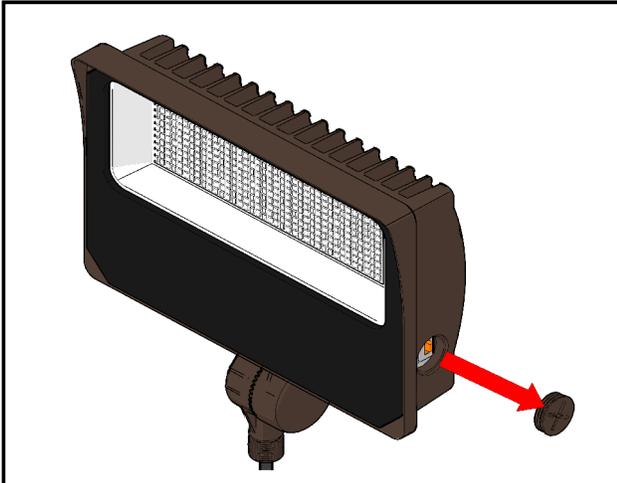
Step 4: Restore power and check that the fixture is working properly.



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Accessing the Watt / CCT switch:

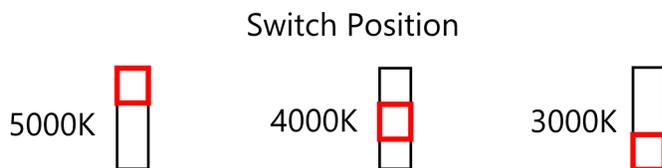


Step 1: Remove the conduit plug as shown and set to the desired wattage/CCT.

NOTE: Replace the conduit plug securely to avoid water entry into the fixture.

Color Temperature Settings

For CCT setting, adjust the three (3) position slide switch for desired CCT:



For Wattage tuning, adjust the three (3) position slide switch for desired wattage:



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Wiring Diagram

