

LAL 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.

*** 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 latch closure 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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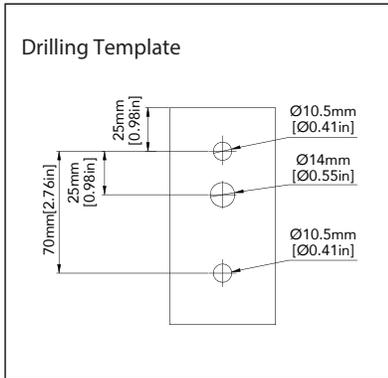
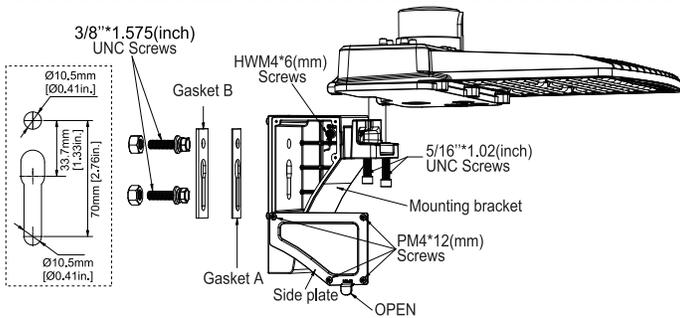


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Square/Round Pole Mount

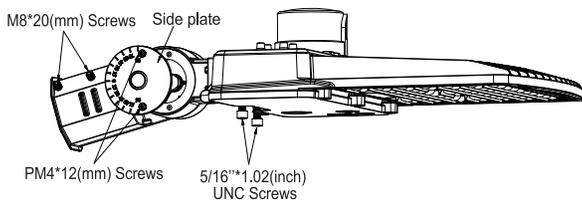
1. Remove the side plate from mounting bracket.
2. Fix the bracket to the pole with 2pcs 3/8 screws.
3. Route the cord into mounting bracket through the hole for wiring, slide the fixture onto the bracket and tighten 2pcs bottom screws.
4. Slightly drag the wires to make sure the hole on bracket is sealed by silicon gasket.
5. Make wiring connection as per wire diagram below, replace the side plate and fasten screws.

Silicone gasket usage instructions:
First, only use silicone gasket A while using a round pole, Second, you need to use two silicone gaskets at the same time while using a square pole.



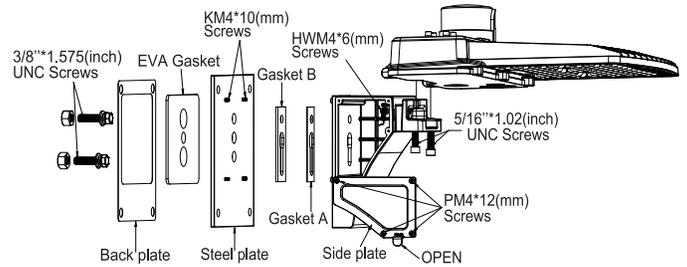
Slipfitter Mount

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 fix it with screws



Wall Mount

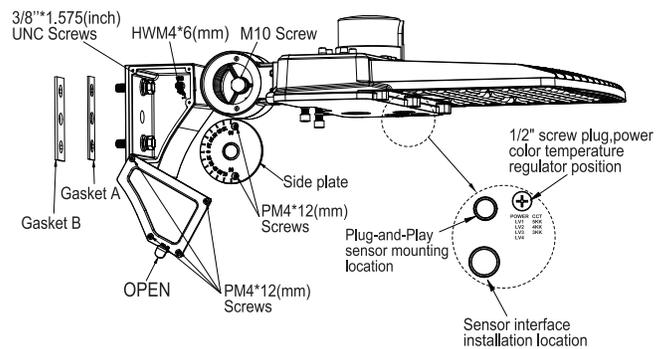
1. Remove the side plate by loosen the screws.
2. Fix the steel plate onto the mounting bracket with KM4*10 screws provided.
3. Use the back plate provided to locate footprint on the wall to drill the holes, then fix the bracket on the wall with screws.
4. Route the power cord into wall mount bracket, slide the fixture onto the mounting bracket, then tighten 2pcs bottom screws.
5. Make wiring connection inside of bracket and replace the side plate with screws.



Adjustable Arm Mount

1. Remove the bracket cover 6 pcs PM4*12 screws.
2. Fix the bracket to the light pole with 2 pcs 1-3/8 screws.
3. Loosen the screws of M10 and adjust the appropriate angle.
4. Thread the fixture input wire through the bracket.
5. Install the fixture on the bracket and lock the screws.
6. Complete the wiring according to the wiring diagram.
7. Arrange the power cord and install 2 face covers, taking care that the power cord is not exposed and does not press the wire.

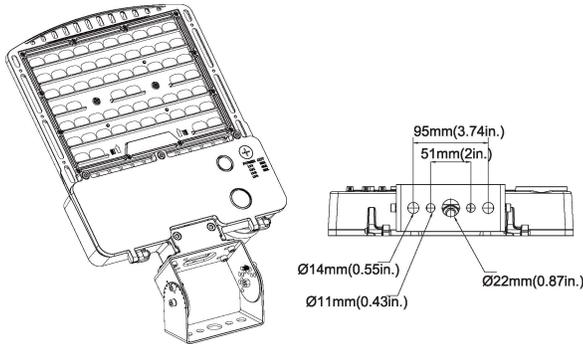
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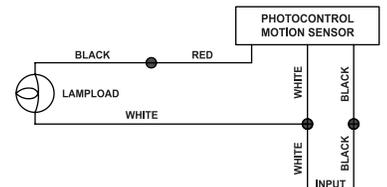
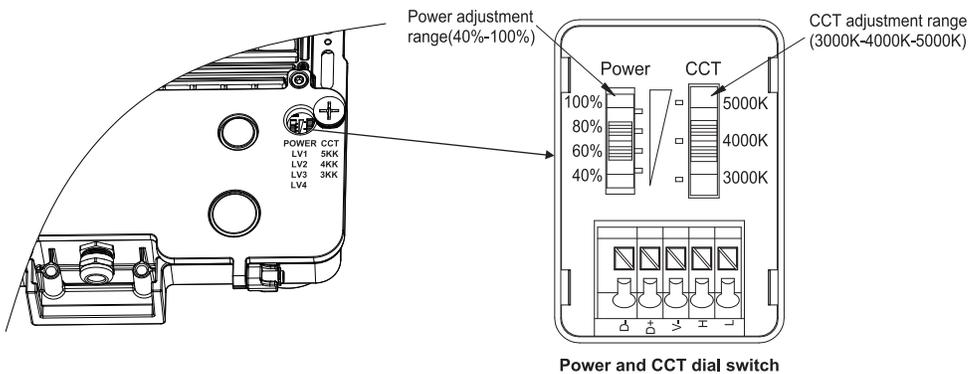
Yoke Mount

1. Mount fixture onto surface using the hole pattern provided on the trunnion bracket.
2. Loosen center bolts and set screw.
3. Rotate fixture to desired aiming position and tighten center bolts.
4. Make wiring connection as per wire diagram below.
5. After fixing the bracket at certain angle, the four Hexagon socket screws should be locked by manual wrench



Power and CCT selectable

1. Remove the 1/2" screw plug on the bottom of the fixture.
2. Select Power(White) and CCT(Black) by sliding the respective switch to the desired value according to the figure.
3. Replace the 1/2" screw plug and tighten with a flat head screwdriver.



WIRING DIAGRAM

Note: Two dimming wire in the driver box

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

