



SITE LIGHTER (SL2) INSTALLATION INSTRUCTIONS

These instructions do not purport to cover all details or variations in components nor to provide for every possible contingency to be met in connection with installation, operation, or maintenance.

Should further information be desired or should a particular problem arise which is not covered sufficiently for the purchaser's purpose, the matter should be referred to Linmore LED Labs.

Linmore does not claim liability for any installation not performed according to this guide or not by a qualified electrician.

READ AND FOLLOW ALL SAFETY INSTRUCTIONS SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

When using electrical equipment, basic safety precautions should always be followed including the following:

1. **DANGER – RISK OF SHOCK – DISCONNECT POWER BEFORE INSTALLATION**
2. **WARNING** – Risk of fire or electric shock. Installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Product must be installed in accordance with NEC or your local electrical code. If you are not familiar with these codes and requirements, contact a qualified electrician.
3. **WARNING** – Risk of fire or electric shock. Wiring and electrical parts may be damaged when drilling for installation of the LED luminaire. Check for enclosed wiring and components.
4. **WARNING** – Risk of fire or electric shock. Check the existing wiring for damage before installing. Do not install if existing wires are damaged.
5. **WARNING** – To prevent wiring damage or abrasion, do not expose wires to the edge of sheet metal or any other sharp objects.
6. Only the holes indicated in the photographs or drawings may be made or altered as a result of the kit installation. Do not leave any other holes open in a wiring enclosure or electrical component.
7. Thoroughly inspect luminaire for any freight damage upon receipt. All damage should be reported to the delivery carrier.
8. Confirm electricity has been de-energized to disconnect existing fixture from circuit and carefully unbolt and remove from pole if applicable.

MECHANICAL INSTALLATION

Straight Arm Mount (SA)

Tools required:

1. 10mm hex driver or Allen wrench for tightening the M12 mounting screws.
2. Philips screwdriver for accessing wiring compartment.
3. 5/8" and 1/2" drill bits and driver.



Installation steps:

Step 1: Loosen the four screws on the mount wire compartment and swing the cover out of the way.

Step 2: Pull the cord out through the compartment opening and cut and strip the wires to the required length. This will keep the cord out of the way while securing the fixture to the pole.

Step 3: Drill the pole with the dimensions provided. Ensure the edges are free from sharp burrs that may damage the power cord.

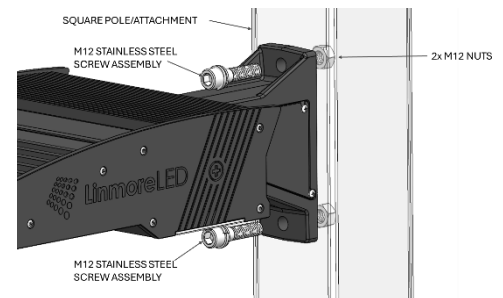
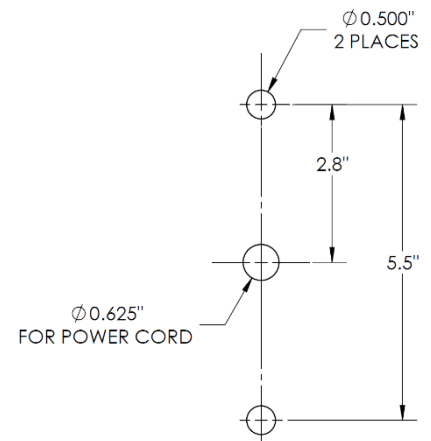
Step 4: Carefully raise the fixture to the pole and align the holes on the mount and the pole. Pass the top M12 screw assembly and secure it to the pole with the nut and washers provided.

Step 5: Install the lower M12 screw assembly and secure it to the pole with the nut and washers provided.

Step 6: Tighten both M12 screws to 50 ft. lbs. (68Nm).

Step 7: Pass the cord through the hole in the compartment and into the pole.

Step 8: Complete the wiring as instructed in the Electrical Installation section.



Notes:

- Use the SL2 Round Pole Adapter when installing on a round pole (ordered separately)
- Wet location wire connectors are recommended.

MECHANICAL INSTALLATION

Rapid Mount Bracket (RMB)

Tools required:

1. 10mm hex driver or Allen wrench for tightening the M12 mounting screws and the angle adjustment screw.
2. Philips screwdriver for accessing wiring compartment and the RMB locking screw.

Installation steps:

Step 1: Loosen the four screws on the mount wire compartment and swing the cover out of the way.

Step 2: Pull the cord out through the compartment opening and cut and strip the wires to the required length. This will keep the cord out of the way while securing the fixture to the pole.

Step 3: Drill the pole with the dimensions provided if not drilled previously. Ensure the edges are free from sharp burrs that may damage the power cord.

Step 4: Suspend RMB Nut Assembly from top of Pole using provided tether.

Step 5: Align the lower cleat slot (marked #1) with the lower nut on the RMB Nut Assembly and thread the M12 screw assembly.

Step 6: Insert the second M12 screw assembly to the upper cleat slot (marked #2) and thread the M12 screw assembly.

Step 7: Slide the cleat and nut assembly to align the center holes for the power cord. Tighten both M12 screws to 50 ft. lbs. (68Nm).

Step 8: Slide the fixture over the cleat and secure the locking screw to 3 ft. lbs. (4Nm).

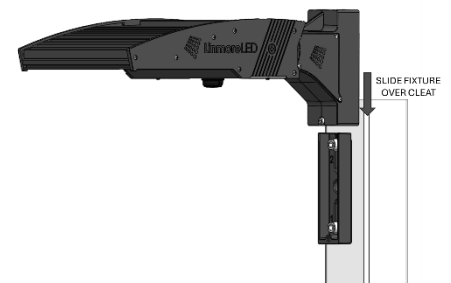
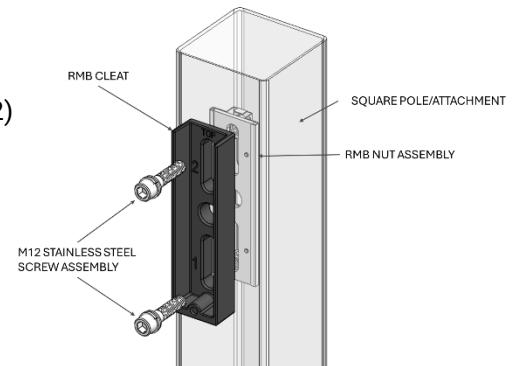
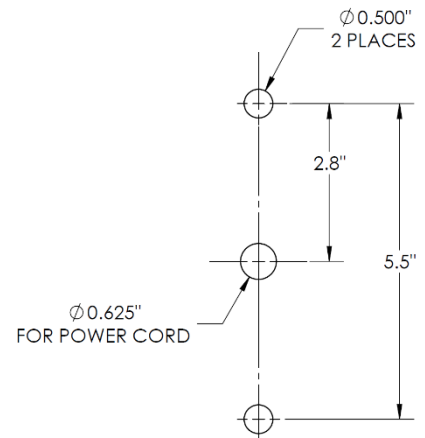
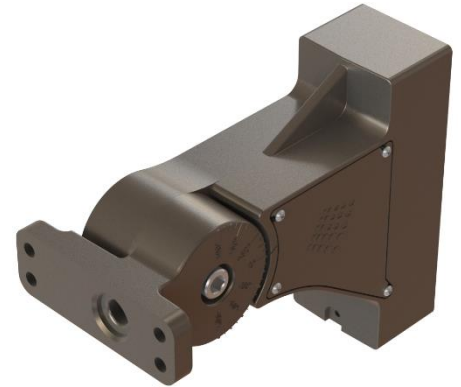
Step 9: Pass the cord through the hole in the compartment and into the pole.

Step 10: Complete the wiring as instructed in the Electrical Installation section.

Step 11: Adjust the tilt angle on the mount by loosening the M12 screw on the adjustment knuckle and setting it to the required angle. Re-tighten the screw to 50 ft. lbs. (68Nm).

Notes:

- Use the SL2 Round Pole Adapter when installing on a round pole (included in RMB kit)
- Wet location wire connectors are recommended.

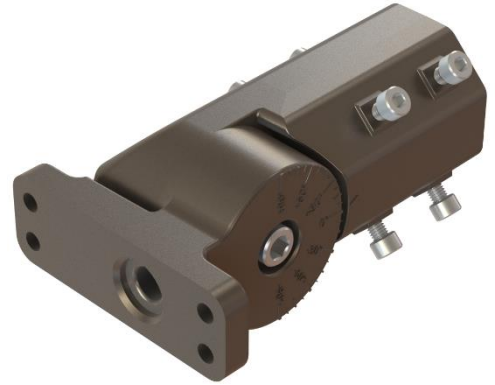


MECHANICAL INSTALLATION

Slip Fitter (SF)

Tools required:

1. 6mm hex driver or Allen wrench for tightening M8 screws on slip fitter.
2. 10mm hex driver or Allen wrench for tightening the M12 angle adjustment screw.



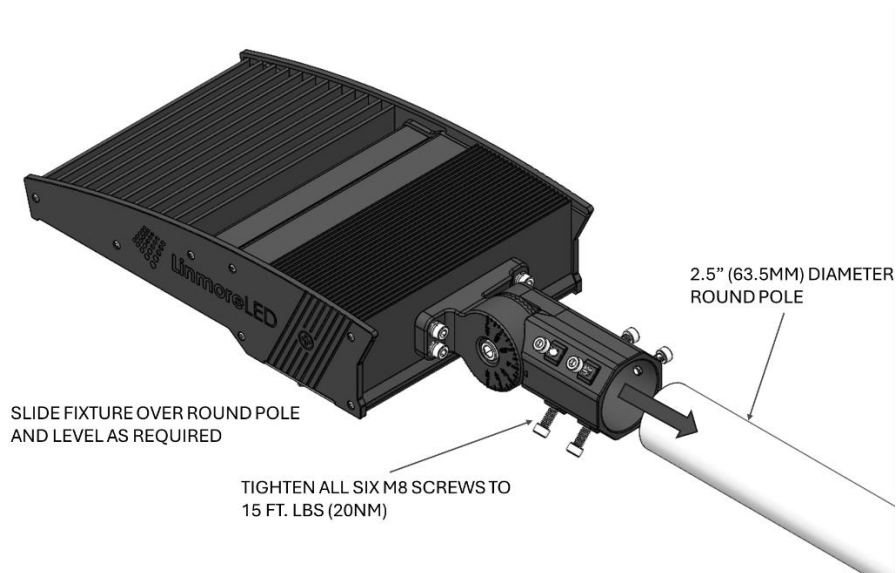
Installation steps:

Step 1: Make the electrical connections as instructed in the Electrical Installation section.

Step 2: Route the cord back into the pole and slide the slip fitter over the pole arm.

Step 3: Level the fixture as needed and tighten the six (6) M8 screws to secure the fixture to the pole. Tighten all six (6) screws to 15 ft. lbs. (20Nm).

Step 4: Adjust the tilt angle on the mount by loosening the M12 screw on the adjustment knuckle and setting it to the required angle. Re-tighten the screw to 50 ft. lbs. (68Nm).



Notes:

- Wet location wire connectors are recommended.

MECHANICAL INSTALLATION

Wall Mount (WM)

Tools required:

1. Philips screwdriver for securing the wall mount box to the plate.
2. Appropriate load rated hardware and tool(s) for securing the plate to the junction box or wall surface.



Installation steps:

Step 1: Remove the wall plate from the mount box by loosening the two M6 screws on the bottom and pulling the plate down and away from the box.

Step 2: Peel the liner on the plate gasket and stick it to the wall plate. Ensure the holes are aligned and the arrows on the gasket are towards the top end of the wall plate with the slot.

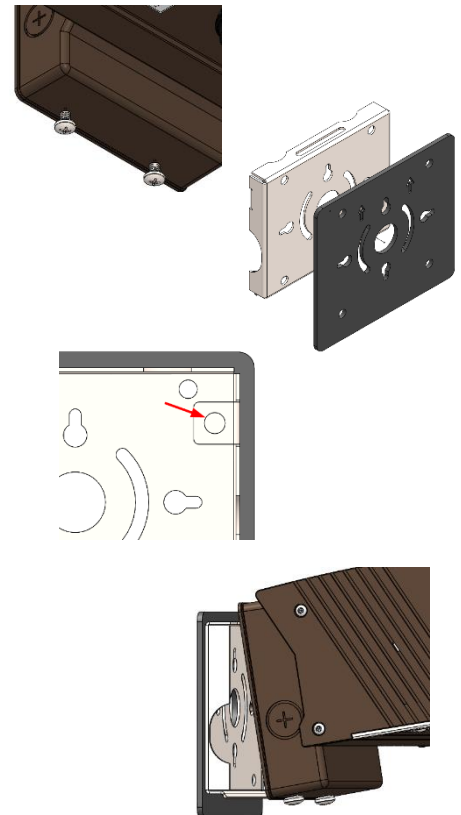
Step 3: Route the power wires through the center opening and attach the gasketed wall plate to the junction box or wall with appropriate hardware and secure as required.

Step 4: Raise the fixture close to the plate and snap the tether to the top right hole on the wall plate. This will hold the fixture in place while the wiring is completed.

Step 5: Complete the wiring as instructed in the Electrical Installation section.

Step 6: Tuck or loop the wires and tether back into the junction box and hang the fixture onto the wall plate. Ensure the tab on the box is engaged with the slot on the top of the wall plate and lower the fixture to compress the gasket.

Step 7: Tighten the two M6 screws on the bottom to lock the box onto the wall plate.



Notes:

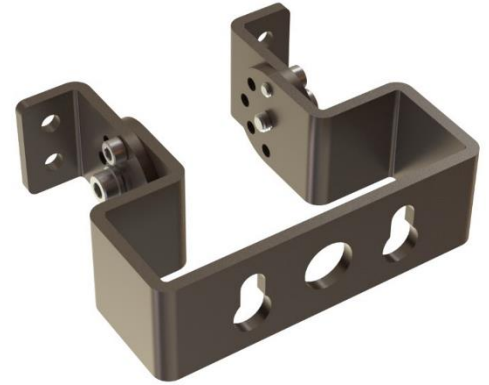
- Stainless steel hardware is recommended for mounting.
- Trim power cord length as needed.
- Wet location wire connectors are recommended.

MECHANICAL INSTALLATION

Trunnion Mount (TM)

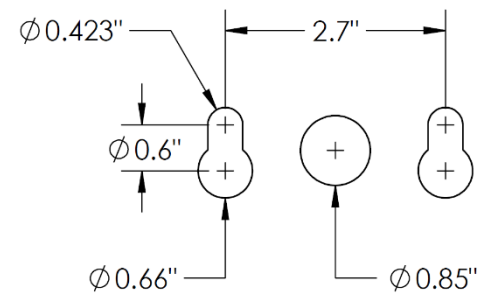
Tools required:

1. 6mm hex driver or Allen wrench for M8 screws on trunnion mount swivel.
2. 4mm hex driver or Allen wrench for M5 screws for angle adjustment.
3. Appropriate load rated hardware and tool(s) for securing the trunnion mount to wall surface.



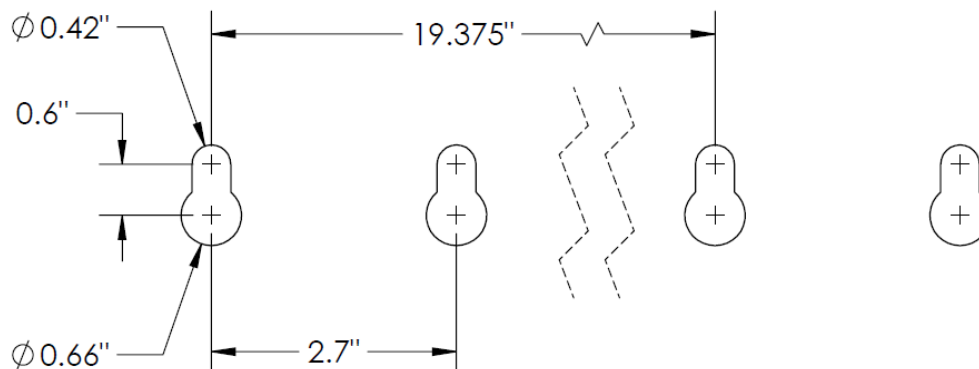
Installation steps:

- Step 1:** Install the mounting hardware to the wall surface with the keyhole dimensions provided. Ensure the installation is kept level.
- Step 2:** Install the fixture on the hardware and tighten to the recommended torque specification of the hardware.
- Step 3:** Complete the wiring as instructed in the Electrical Installation section. Wiring will be terminated at a separate exterior junction box.



Notes:

- Stainless steel hardware is recommended for mounting.
- Trim power cord length as needed.
- Wet location wire connectors are recommended.
- XXL units have two trunnion mounts with the following dimensions.



ELECTRICAL INSTALLATION

Step 1: Confirm electricity has been de-energized.

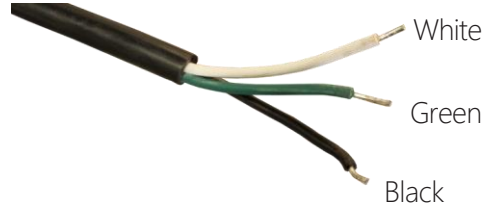
Step 2: Install the fixture by following the Mechanical Installation instructions and connect to circuit.

The power cord comes with:

A **white** neutral wire.

A **green** ground wire.

A **black** line voltage for either 120-277V or 347-480V



Notes:

- Always verify voltage at site
- Wet location wire connectors are recommended.



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