

INSTALLATION INSTRUCTIONS for LPCMDL Series Accessory

READ AND UNDERSTAND ALL INSTALLATION INSTRUCTIONS BEFORE INSTALLING FIXTURE!

SAVE THESE INSTRUCTIONS

CATALOG # : LPCMDL4 & LPCMDL6

Outdoor Installation for Covered Ceiling Mount only (Damp or Wet Location)

• **Danger:** Always disconnect power before wiring, or maintenance. Fixture must be installed by a qualified electrician. Do not install in locations where water collects and/or stands for prolonged periods of time. Fixture must always be installed according to local and national electrical codes, rules & regulations. Fixture must be installed on a circuit protected by Ground Fault Circuit Interrupter (GFCI).

• **Warning:** The joint MUST be sealed between the mounting surface (e.g., wall, ground, ceiling, etc.) and the fixture with an appropriate sealing / caulking compound to provide a watertight seal. Seal all conduit opening(s) and opening(s) from water entry. Before service ensure fixture is cool to touch. Always ensure that all gaskets and sealing surfaces are free of dirt and debris.

LED fixture(s), LED driver(s) and LED electrical components are more precise electrically than standard non LED products (e.g. Incandescent, Compact Fluorescent, H.I.D., etc.). Please follow the following guidelines /requirements when

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Important: Please read and understand all instructions completely before installing this fixture.

WARNING: Fixture installation (and use) and all electrical connections must be in accordance with local and National Electrical Codes (N.E.C.) rules, regulations and standards. If you are unfamiliar with installing fixture(s), accessories and/or electrical wiring have a qualified licensed electrician install this fixture for you. Fixture should be installed by a qualified electrician.

WARNING: RISK OF SHOCK. House electric current can cause painful shock or serious injury. **WARNING:** Always disconnect power before fixture installation, wiring, or maintenance.

WARNING: Before starting the wire connections, disconnect the power by turning off the circuit breaker or removing the fuse at the fuse panel. Turning the power off using the light switch is not sufficient to prevent electrical shock.

This luminaire must be connected with supply wire/conductors rated at 90°C. Most dwellings built before 1985 have supply wire rated at 60°C; consult a qualified electrician before installing.

WARNING: Before service insure fixture is cool to touch.

WARNING: Check fixture for input voltage before connecting power to fixture.

installing LED fixture(s)/LED driver(s).

1. Install LED fixture(s) and/or LED driver(s) only on their own circuit. Do not mix any other non LED products/fixtures (e.g., Incandescent, Compact Fluorescent, H.I.D., etc.) with LED fixture(s)/LED driver(s) on a single circuit.
2. Do not use any other electrical equipment (e.g., surge protectors, photocells, etc.) that is not (rated) for use with LED fixture(s)/LED driver(s) on the same circuit as LED fixture(s)/LED driver(s).
3. Use GFCI's (by others) on each circuit (per installation instructions) appropriate for the installation.
4. Install remote surge protector(s) (by others, goes on the circuit with nothing between the surge protector and the LED fixture(s)/LED driver(s)), if the fixture is not already installed with a surge protector, to help remove power surges that may harm LED fixture(s), appropriate for the installation. Periodically check and make sure that your remote surge protector(s) are in good working order.

WARNING: RISK OF SHOCK. This fixture is suitable for dry and damp locations. For covered ceiling mount only.

WARNING: Do not install any fixture or assembly (etc.) closer than 6" from any curtain, or similar combustible material.

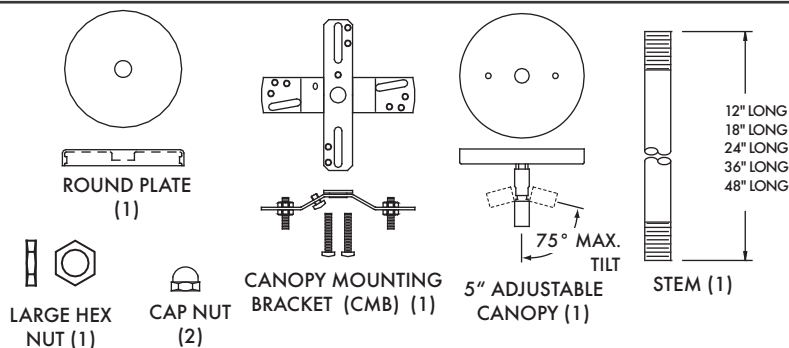
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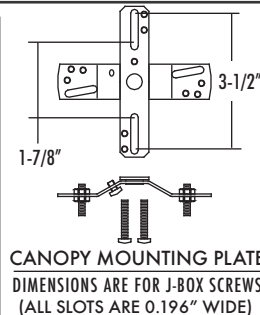
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Components / Parts (LPCMDL4 only)

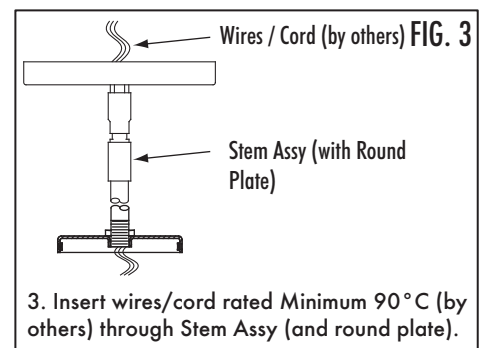
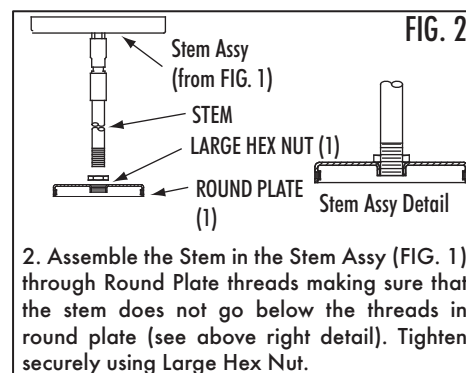
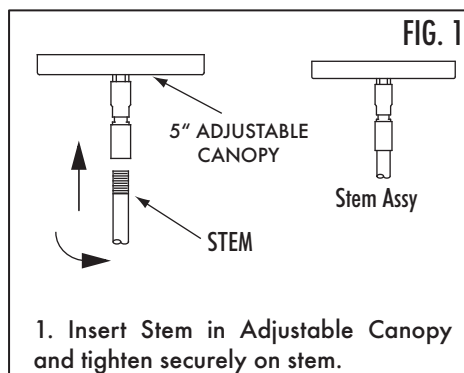


Components Dimensions

Tools Required



- Phillips Head Screwdriver
- Wire Connectors/Cord (Rated at 90°C minimum temperature)
- Hardware (screws, nuts, etc.)
- DO NOT USE POWER TOOLS.
- ONLY USE HAND TOOLS.



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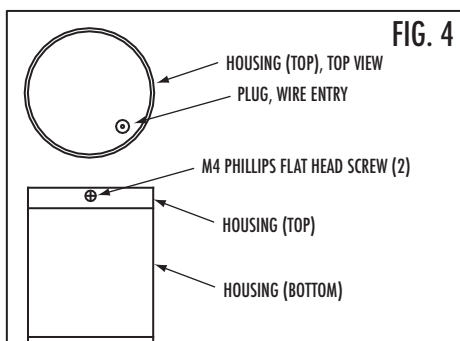


FIG. 4

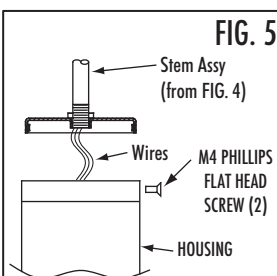


FIG. 5

WARNING: Check fixture for input voltage (and write/record input voltage down) before continuing to step #9 below.

9. Place fixture housing over Mounting Plate (MP) and align both holes in housing with tapped holes in Round Plate.

10. Tighten Phillips head screw through housing in 3-1/4" Round Plate (with screwdriver) until screw is tight in housing. Do not over tighten screws.

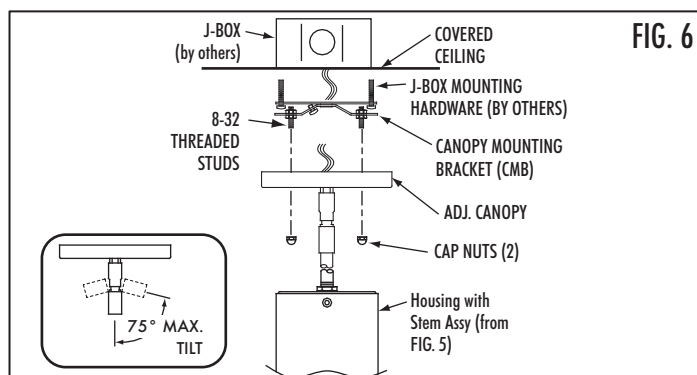


FIG. 6

WARNING: Check fixture for input voltage before connecting power to fixture. Connect wiring in j-box.

11. Connect the power supply wiring (from j-box) to fixture wiring (in Stem Assy) in j-box. See 11a-11e below.
 - 11a) Connect ground wire (green or bare copper/aluminum) from the supply circuit to the ground wire (green or bare copper) /screw/connector from the luminaire.
 - 11b) Connect the neutral (common) wire from the power supply to the neutral wire from the luminaire.
 - 11c) Connect the main voltage supply wire (line/lead) from the power supply to the line (lead) wire from the luminaire.
 - 11d) Secure connection using UL Listed wire nuts/connectors and then with UL Listed Electrical tape (by others), as required, appropriate for the connection.
 - 11e) For Dimming wiring see Liton web site.
12. Secure Canopy Mounting Bracket (CMB) to Covered Ceiling J-BOX (by others) using J-BOX hardware (by others).
13. Secure Stem Assy (with DL340 attached) to Canopy Mounting Bracket (CMB) by putting Adjustable Canopy up through 8-32 threaded studs in Canopy Mounting Bracket (CMB) and secure tightly with supplied two (2) Cap Nuts. Hang fixture straight down. J-box can be on a ceiling sloped/tilted to 75° maximum.

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