



WARNING: RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

12301-6ND INSTALLATION INSTRUCTIONS FOR: 6" LED Cylinder Ceiling Light

Safety Precautions:

- **Read Carefully:** Read and understand all instructions completely before installing this fixture. Keep these instructions in a safe place for future reference.
- **Qualified Installation:** Fixture installation, wiring, and all electrical connections must be performed by a qualified/licensed electrician in accordance with national and local electrical codes (N.E.C.). Always disconnect power at the circuit breaker or fuse panel— turning off the light switch alone is not sufficient — before installation, wiring, or maintenance.
- **Avoid Wet Conditions:** This fixture is suitable for dry and damp locations only, for use with a covered ceiling mount. Do not install within 6" of curtains or other combustible material.
- **Verify Power Source:** Check the fixture's rated input voltage before connecting power. This luminaire must be connected with supply wire/ conductors rated at 90°C; most dwellings built before 1985 have supply wire rated at only 60°C, so consult a qualified electrician before installing.
- **Risk of Shock:** House electric current can cause painful shock or serious injury. Ensure the fixture is cool to the touch before servicing.
- **Dedicated Circuit:** Install LED fixture(s)/driver(s) only on their own circuit, protected by a Ground Fault Circuit Interrupter (GFCI). Do not mix incandescent, compact fluorescent, or H.I.D. products/fixtures with LED fixture(s)/driver(s) on the same circuit.
- **Compatible Equipment Only:** Do not use electrical equipment not rated for LED fixtures/drivers (e.g., surge protectors, photocells) on the same circuit as the LED fixture(s)/driver(s).
- **Surge Protection:** If the fixture is not already installed with a surge protector, install a remote surge protector (by others) with nothing between it and the LED fixture/driver, to help remove power surges that may cause harm. Periodically check that remote surge protectors are in good working order.



Mounting Method A: Canopy & Cable Mount

Installation Steps:

1. Assemble the cable assembly (see diagram) and tighten securely. Adjust the cable length through the gripper to the desired length and secure. Use cable ties (approx. every 1 ft.) to secure the cord to the cable.
2. Check the fixture's input voltage before connecting the fixture wires to the wires in the stem. Connect the wire/conductors in the stem assembly to the fixture wires: ground wire (green or bare copper) to the screw/connector from the fixture, neutral (common) wire in the stem to the neutral wire from the fixture, and line/lead wire in the stem to the line (lead) wire from the fixture.
3. Secure the connection using UL Listed wire nuts/connectors, then wrap with UL Listed electrical tape rated at 90°C (by others, as required), as appropriate for the connection.
4. Secure the UMP in the 12301-6ND housing by placing the three (3) tabs at the top of the housing securely into the UMP clips. Make sure the top of the UMP is at the top of the 12301-6ND fixture (see FIG. 14).
5. Check the fixture's input voltage before connecting power to the fixture. Connect the wiring in the j-box: connect the power supply wiring (from the j-box) to the fixture wiring (in the stem assembly). See "Wiring" instructions, page 1.
6. Secure the Canopy Mounting Bracket (CMB) to the covered ceiling j-box (by others) using j-box hardware (by others). Then secure the 1/4-20 screw through the canopy into the cable coupler.
7. Secure the stem assembly (with 12301-6ND housing) to the Canopy Mounting Bracket (CMB) by putting the canopy up through the 8-32 threaded studs in the CMB and securing tightly with the two (2) supplied cap nuts. Hang the fixture straight down; the j-box can be on a sloped/tilted ceiling.



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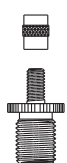
Components / Parts (Cable Extension Kit only)



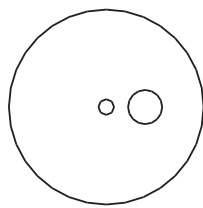
U BRACKET (1)



CANOPY MOUNTING
BRACKET (CMB) (1)



GRIPPER (1)



5" ROUND
CANOPY (1)



STRAIN RELIEF (1)



CABLE (1)

Components Dimensions

• 72" LONG

• 120" LONG

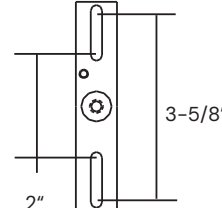


• 72" LONG

• 120" LONG

CORD (1)

Tools Required



CANOPY
MOUNTING PLATE
DIMENSIONS ARE FOR
J-BOX SCREWS
(ALL SLOTS ARE
0.215" WIDE)

- Phillips Head Screwdriver
- Hardware (screws, nuts, etc.)
- DO NOT USE POWER TOOLS.
- ONLY USE HAND TOOLS.

FIG. 12

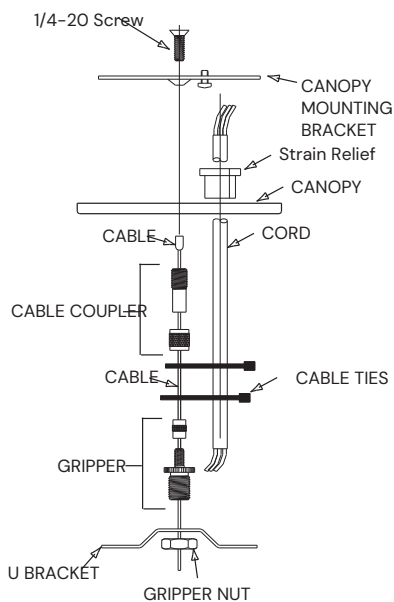


FIG. 13

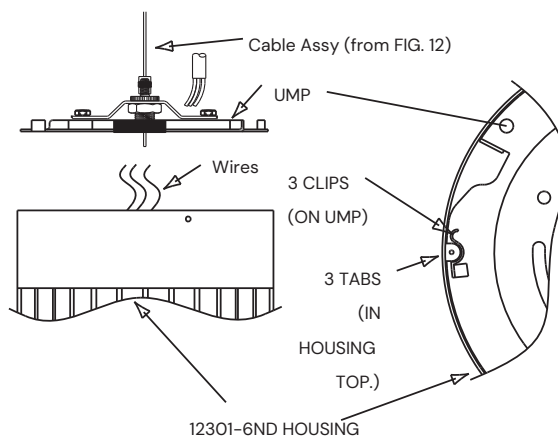
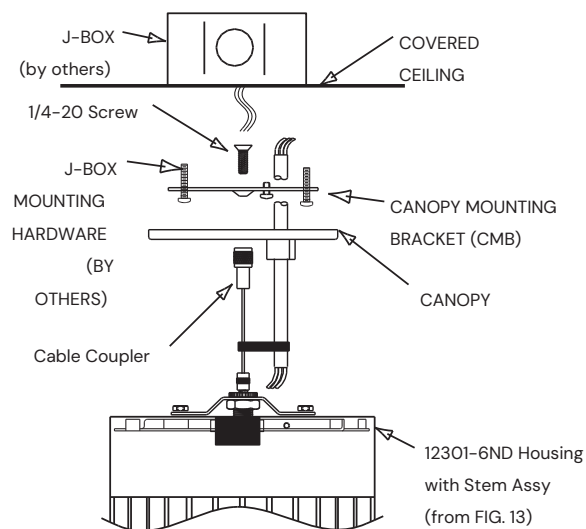


FIG. 14





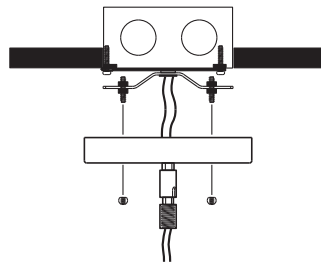
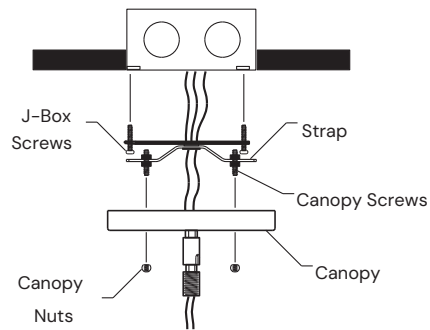
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Mounting Method B: Canopy & Stem Mount (1 of 2)

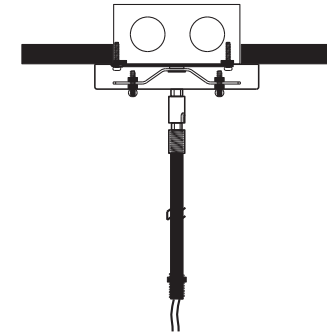
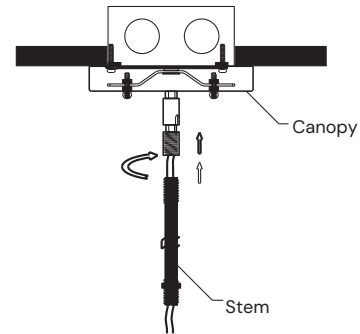
1. Install the Canopy Strap

Secure the strap to the junction box using the provided screws.



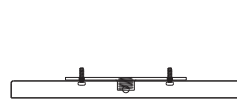
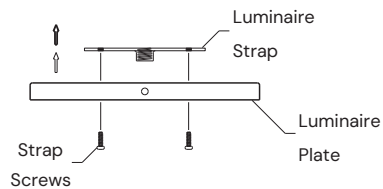
2. Install the Stem

Thread and tighten the stem into the canopy strap.



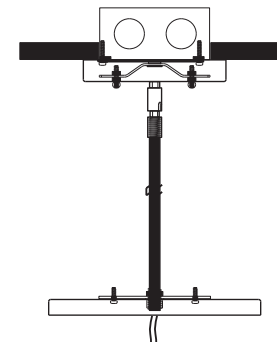
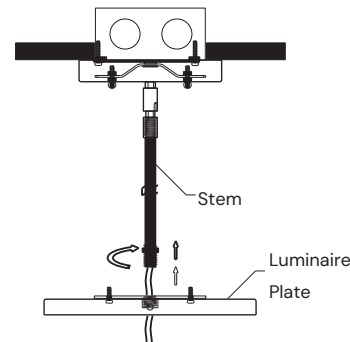
3. Attach the Luminaire Strap

Connect the strap to the stem according to the figure.



4. Mount the Luminaire Plate

Position and fasten the plate securely in place.





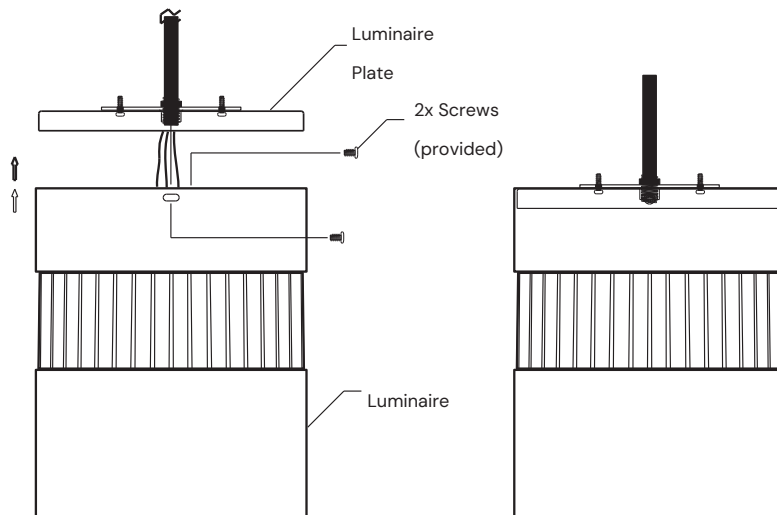
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12301-6ND INSTALLATION INSTRUCTIONS FOR: 6" LED Cylinder Ceiling Light

Mounting Method B: Canopy & Stem Mount (2 of 2)

5. Install the Luminaire Fixture

Connect electrical wires and physically mount the fixture as shown.



6. Complete Final Installation

Double-check alignment, tighten any remaining screws, and ensure a secure fit.

