

SAVE THESE INSTRUCTIONS

CATALOG # : DLQ360

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

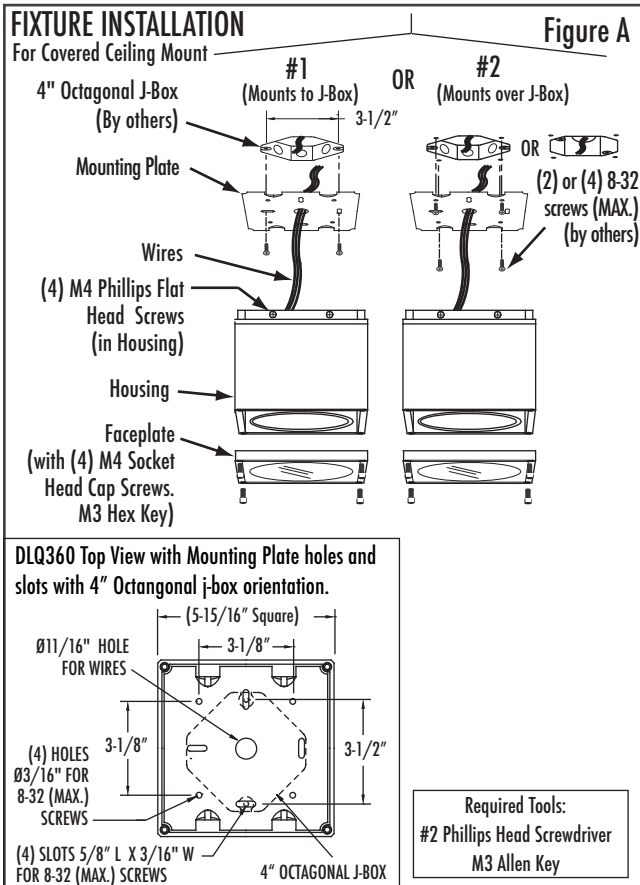
1. Install LED fixture(s) and/or LED driver(s) only on their own circuit. Do not mix any other non LED products/fixtures (e.g., Incandescent, Compact Fluorescent, H.I.D., etc.) with LED fixture(s)/LED driver(s) on a single circuit.

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.



Fixture Installation: (For Covered Ceiling Mount)

1. Make sure supply wiring is in place before mounting fixture.
2. Mounting Plate installs directly to a 4" octagonal j-box. Make sure that mounting surface and/or j-box (etc.) can support fixture before installing fixture on mounting surface.
3. Remove Mounting Plate from Housing top by loosening the (4) screws (approximately 7-9 turn) in Housing to expose slots and holes on (and space behind) Mounting Plate (FIGURE A).
4. Connect the supply wiring to the fixture wiring in the j-box. See "Wiring Fixture" instructions below.
5. Use existing slots in Mounting Plate and mount Mounting Plate to a 4" octagonal j-box (by others) with (2) OR (4) 8-32 screws (Maximum, by other, FIGURE A, #1) and tighten securely. If using existing holes (or drilling new holes) in Mounting Plate to mount Mounting Plate directly to a mounting surface (or to a different j-box, FIGURE A, #2) make sure hardware (by others) does not interfere with anything in the top of the Housing and Mounting Plate sits flat in the top of the Housing when secured to Housing by (4) screws. Cover newly exposed metal on the Mounting Plate with an outdoor paint to protect it from the elements (appropriate for the application).
6. Mount Housing securely on Mounting Plate and secure with four (4) flat head M4 screws in Housing and tighten securely with screwdriver.
7. Seal all holes/openings from water entry to junction box, wires, and/or fixture (e.g., Mounting surface and Housing, etc.).

Wiring Fixture:

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

1. 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.
2. Connect the neutral (common) wire from the power supply to the neutral wire from the luminaire.
3. Connect the main voltage supply wire (line/lead) from the power supply to the line (lead) wire from the luminaire.
4. Secure connection using UL Listed wire nuts/connectors and then with UL Listed Electrical tape (by others), as required, appropriate for the connection.
5. For Dimming wiring see Liton web site.

Tightening reflector (WFL only)

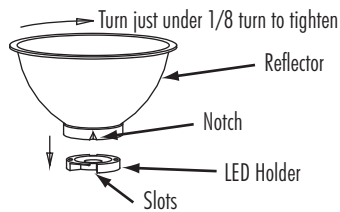
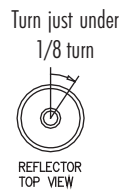


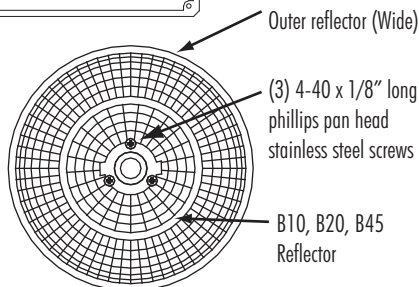
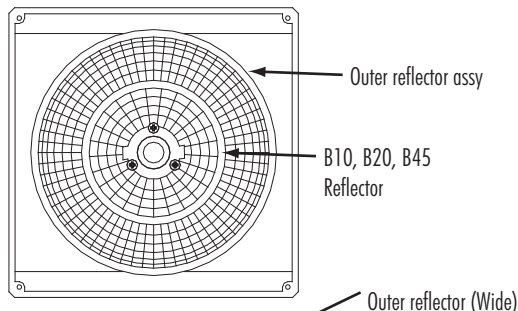
FIG B



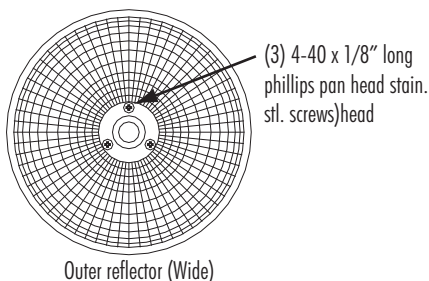
Tightening reflector (Wide Flood reflector only) (FIG B):

1. If reflector is loose in fixture remove faceplate from fixture by removing (4) screws (see FIGURE A) with M3 allen key.
2. Make sure reflector is sitting flat on LED holder. If reflector is off LED holder align notch on reflector to slot on LED Holder and gently press reflector on LED holder.
3. Turn reflector gently to the right (just under 1/8 turn) on LED holder until reflector is snug. Do not over tighten.
4. Replace faceplate on fixture with (4) screws. Tighten screws to prevent water entry. Do not over tighten screws.

FIG C



Outer reflector assy
(includes outer reflector (Wide) and B10, B20 or B45 reflector)



B10, B20, B45 Reflector

Replacing B10, B20 or B25 reflector only (FIG C):

1. Remove faceplate from fixture by unscrewing faceplate (FIG A).
2. Remove Outer Reflector Assy (with B10, B20 or B45 reflector secured inside) from LED holder (FIG B) by turning reflector gently the reflector assy to the left (just under 1/8 turn) and pulling reflector straight and gently out of the fixture.
3. Loosen (but do not remove from the reflector) the (3) 4-40 x 1/8" long screws from the Outer Reflector Assy (FIG C).
4. Gently twist the B10, B20 or B45 reflector and remove it from the Outer Reflector (Wide) (FIG C).
5. Replace old B10, B20 or B45 reflector with new B10, B20 or B45 reflector and slide into place under the screw heads of the (3) 4-40 screws and hand tighten the screws in place, do not over tight the 4-40 screws.
4. Replace the Outer Reflector Assy in the fixture and replace the faceplate on the fixture by reversing steps 1 and 2. Make sure to tighten the faceplate (with gasket in place) on the fixture to seal out water.

Indoor Installation for Covered Ceiling Mount only (Dry or Damp Location)

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.

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.

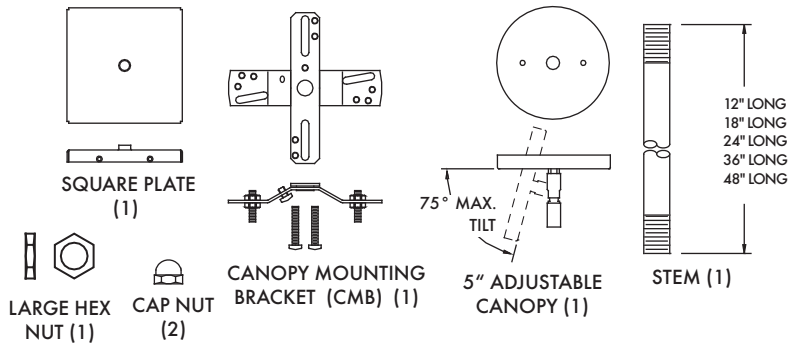
Fixture must be installed on a circuit protected by Ground Fault Circuit Interrupter (GFCI).

Install LED fixture(s)/LED driver(s) only on their own circuit. Do not mix any other products (Incandescent, Compact Fluorescent, H.I.D. products/fixtures, etc...) with LED fixture(s)/LED driver(s) on a single circuit.

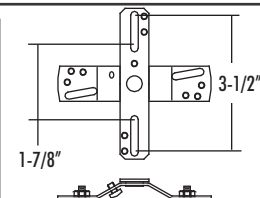
Do not use any other electrical equipment (example: surge protector photocell, etc.) that is not (rated) for use with LED fixture(s)/LED driver(s) on the same circuit as LED fixture(s)/LED driver(s).

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.

Components / Parts (LPCMDLQ6 only)



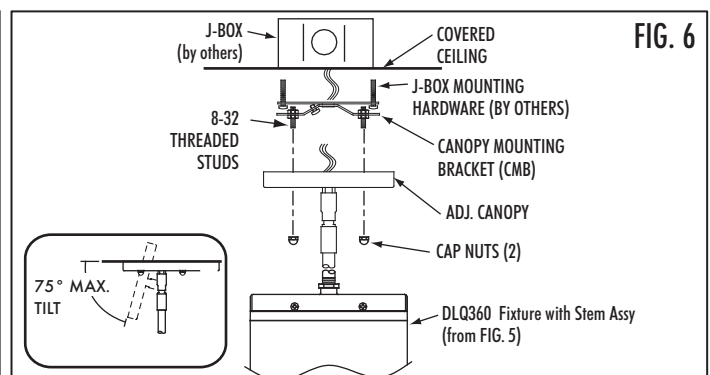
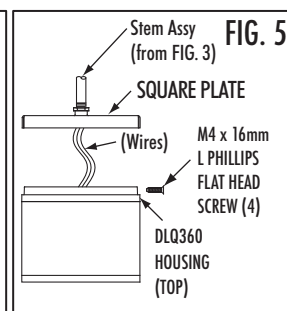
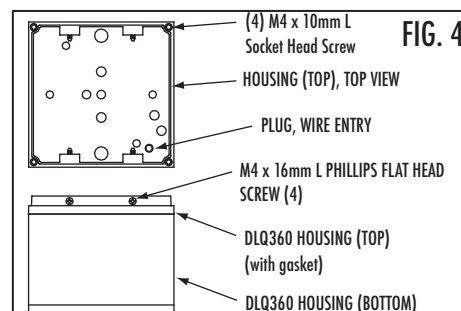
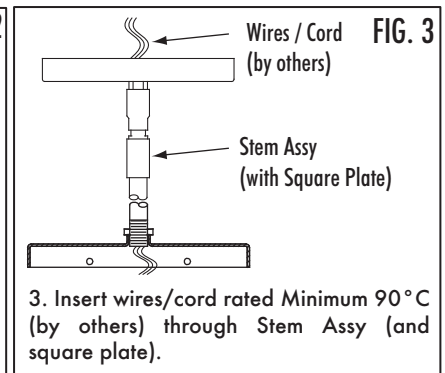
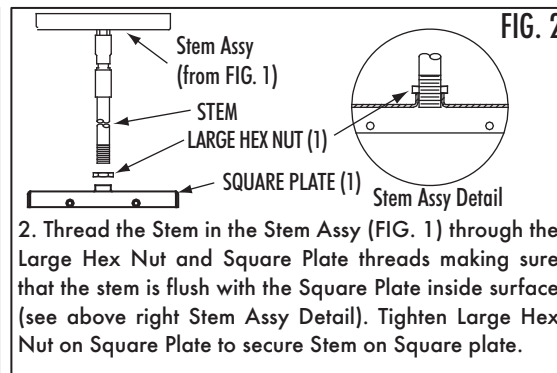
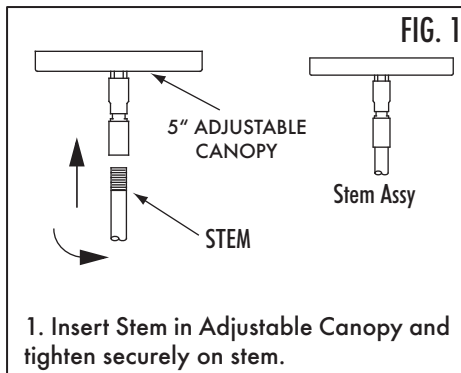
Components Dimensions



CANOPY MOUNTING PLATE
DIMENSIONS ARE FOR J-BOX SCREWS
(ALL SLOTS ARE 0.196\"/>

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.



WARNING: Check fixture for input voltage before connecting fixture wires to wires in the stem.

4. Loosen (4) M4 x 10 mm L screws from DLQ360 Housing (TOP) with M3 Allen Key (by others) and remove DLQ360 Housing (TOP) from DLQ360 Housing (BOTTOM).

5. Feed wires/cord from Stem Assy (FIG 3) through Plug in Housing (TOP).

6. Connect wire/conductors in the stem assembly to the fixture wires (ground wire green or bare copper to screw/connector from the fixture, neutral (common) wire in the stem to the neutral wire from the fixture and the line/lead wire in the stem to the line (lead) wire from the fixture). For Dimming wiring see Liton web site.

7. Secure connection using UL Listed wire nuts/connectors and then with UL Listed Electrical tape (rated minimum 90°C) (by others, as required), appropriate for the connection.

8. Replace M4 x 10mm L socket head screws through Housing (TOP) (& keep gasket in place) into Housing (BOTTOM) and tighten securely with M3 Allen Key (by others) to seal out water entry into fixture. Do not over tighten screws.

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

9. Place Square Plate over DLQ360 Top Housing and align (4) holes in Square Plate with tapped holes in DLQ360 Top Housing.

10. Tighten Phillips head screw through Square Plate into top Housing (with screwdriver) until screws are tight in housing. Do not over tighten screws.

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 DLQ360 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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