

CATALOG # : DL260P : 6" ROUND CEILING DOWNLIGHT/PENDANT

SAVE THESE INSTRUCTIONS

Keep these instructions in a safe place for future use/reference.

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. Also for use with covered ceiling mount.

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).

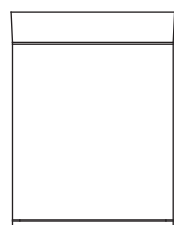
Install LED fixture(s)/LED driver(s) only on their own circuit. Do not mix any other products (Incandescent, Compact Fluorescent, H.I.D. products/fixtures, etc...) with LED fixture(s)/LED driver(s) on a single circuit.

Do not use any other electrical equipment (example: surge 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).

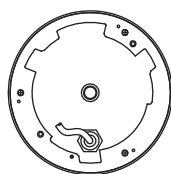
Components / Parts

Components Dimensions

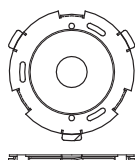
Tools Required



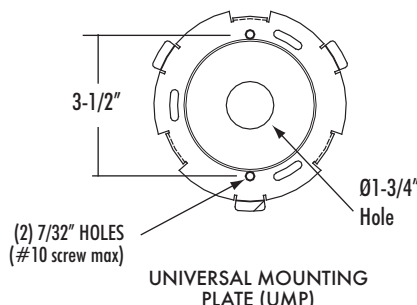
DL260P HOUSING
(SIDE VIEW) (1)



DL260P TOP VIEW
(WITHOUT UNIVERSAL
MOUNTING PLATE INSTALLED)



DL260P
UNIVERSAL MOUNTING
PLATE (UMP) (1)



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

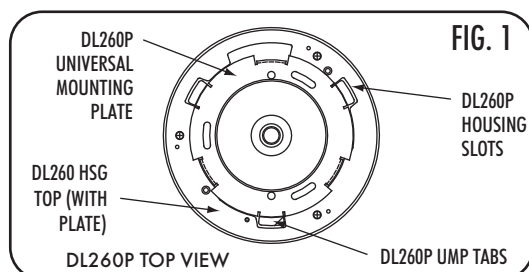


FIG. 1

DL260 FIXTURE INSTALLATION (DRY AND DAMP LOCATIONS - COVERED CEILING MOUNT)

1. Make sure j-box will fit holes on UMP (see Component Dimensions above).
2. As needed turn DL260 UMP counter clockwise in DL260P fixture. When UMP is in the position in the DL260P (FIG 1) remove (UMP) from housing top (FIG 1).
3. Install wiring and j-box in ceiling, if needed.
4. Secure Universal Mounting Plate (UMP) to j-box (by others) with appropriate hardware (by others) (FIG 2).
5. Connect the power supply wiring (from j-box) to fixture wiring in the j-box. See "Wiring" instructions below.
6. Align the 3 slots in the DL260P housing top with the 3 tabs in the UMP (FIG 1). Place fixture housing on ceiling and turn housing clockwise to secure housing tabs underneath housing top.

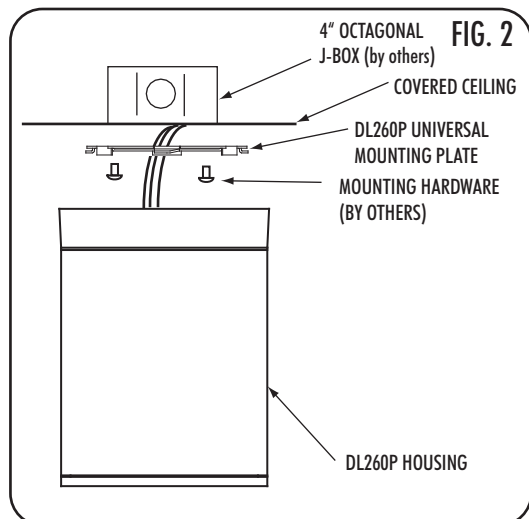


FIG. 2

RELAMPING

Return fixture to Liton for servicing/replacing LED and LED drivers.

WIRING:

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

For dimming information (wiring diagrams, chart, etc.) see DL260P website page.

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.

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CATALOG # : DL260P SURFACE MOUNT LUMEN CANNON with LPCM

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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. Also for use with covered ceiling mount.

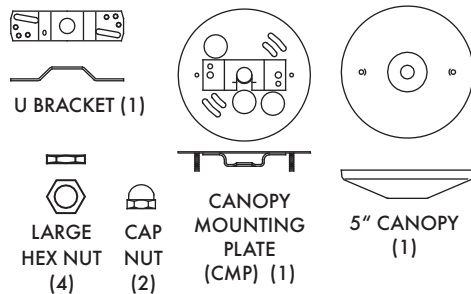
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Fixture must be installed on a circuit protected by Ground Fault Circuit Interrupter (GFCI).

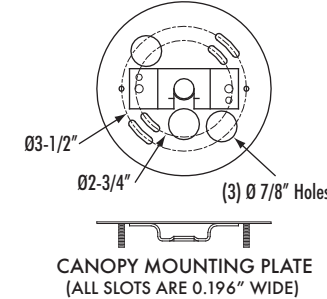
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Do not use any other electrical equipment (example: surge protectors, photocells, etc.) that is not (rated) for use with LED fixture(s)/LED driver(s) on the same circuit as LED fixture(s)/LED driver(s).

Components / Parts (LPCM only)

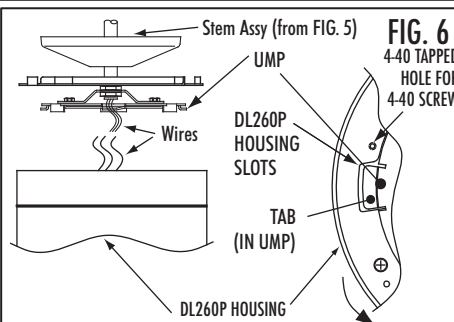
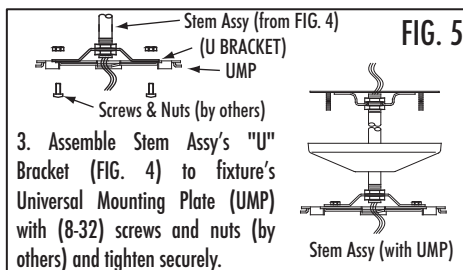
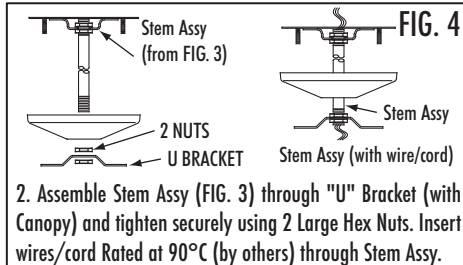
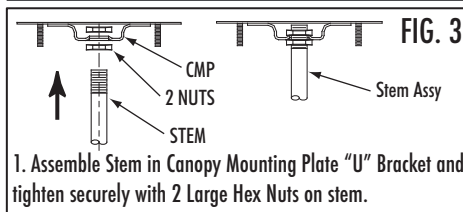


Components Dimensions



Tools Required

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



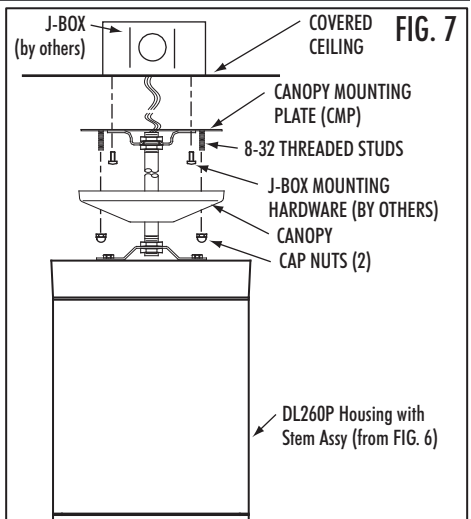
WARNING: Check fixture for input voltage before connecting fixture wires to wires in the stem.

4. 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).

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

6. Secure UMP in DL260P Housing by putting the three (3) UMP Tabs in the top of the DL260P Housing slot and rotate the housing counter clockwise until tab clears 4-40 tapped hole, see above.

7. Use screwdriver and install 4-40 x 3/8" long phillips head screw (not shown) in 4-40 tapped hole in housing top to secure Mounting Plate.



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

7. Connect the power supply wiring (from j-box) to fixture wiring in j-box. See "Wiring" instructions page 1.

8. Secure CMP (on Stem Assy with DL260P Housing) to Covered Ceiling J-BOX (by others) using J-BOX hardware.

9. Put Canopy up through 8-32 threaded studs in Canopy Mounting Plate (CMP) and secure tightly with supplied two (2) Cap Nuts.

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CATALOG # : DL260P SURFACE MOUNT LUMEN CANNON with LPCMJ

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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. Also for use with covered ceiling mount.

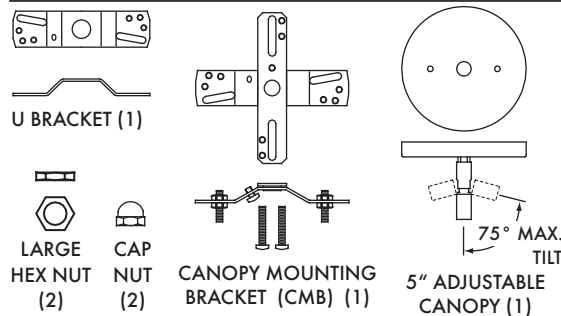
WARNING: Do not install any fixture or assembly (etc.) closer than 6" from any curtain, or similar combustible material.

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

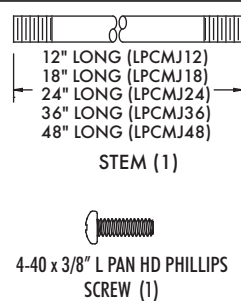
Install LED fixture(s)/LED driver(s) only on their own circuit. Do not mix any other products (Incandescent, Compact Fluorescent, H.I.D. products/fixtures, etc...) with LED fixture(s)/LED driver(s) on a single circuit.

Do not use any other electrical equipment (example: surge 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).

Components / Parts (LPCMJ only)

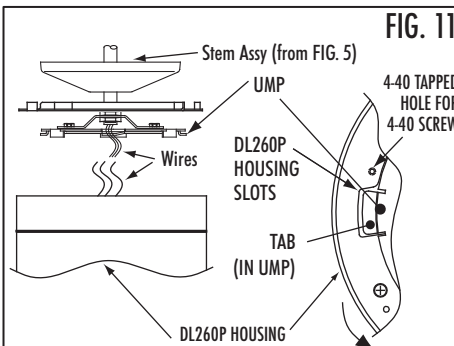
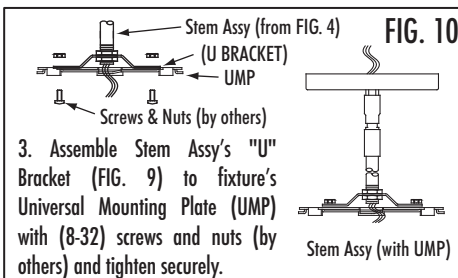
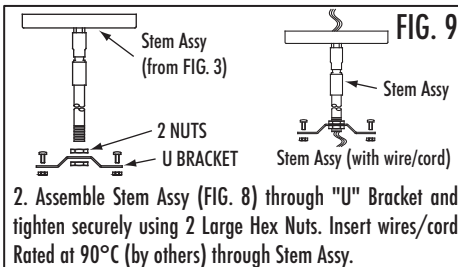
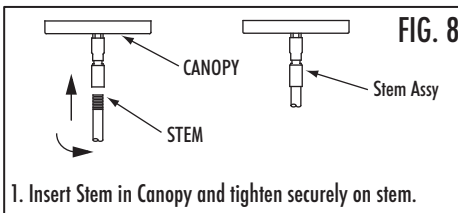


Components Dimensions



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.

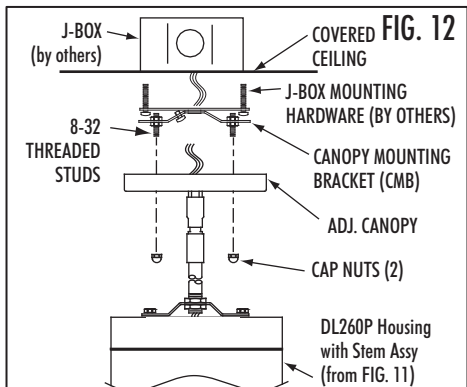


WARNING: Check fixture for input voltage before connecting fixture wires to wires in the stem.

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

6. Secure UMP in DL260P Housing by putting the three (3) UMP Tabs in the top of the DL260P Housing slot and rotate the housing counter clockwise until tab clears 4-40 tapped hole, see above.

7. Use screwdriver and install 4-40 x 3/8" long philips head screw (not shown) in 4-40 tapped hole in housing top to secure Mounting Plate.



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

7. Connect the power supply wiring (from j-box) to fixture wiring (in Stem Assy) in j-box. See "Wiring" instructions page 1.

9. Secure Stem Assy (with DL260P Housing) to Canopy Mounting Bracket (CMB) by putting 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. B-box can be on a ceiling sloped/tilted to 75° maximum.

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CATALOG #: DL260P SURFACE MOUNT LUMEN CANNON

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

WARNING: RISK OF SHOCK. This fixture is suitable for dry and damp locations. Also for use with covered ceiling mount.

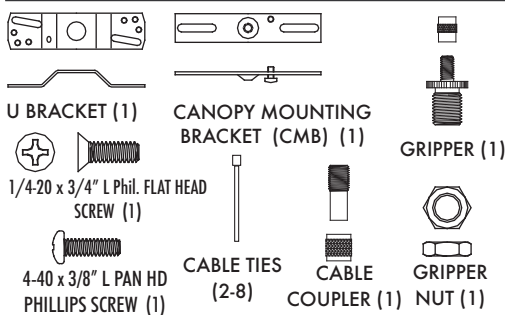
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Fixture must be installed on a circuit protected by Ground Fault Circuit Interrupter (GFCI).

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.

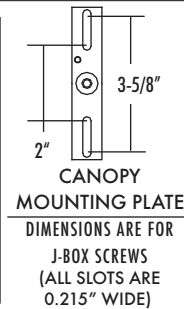
Do not use any other electrical equipment (example: surge protectors, photocells, etc.) that is not (rated) for use with LED fixture(s)/LED driver(s) on the same circuit as LED fixture(s)/LED driver(s).

Components / Parts (LPCMC only)

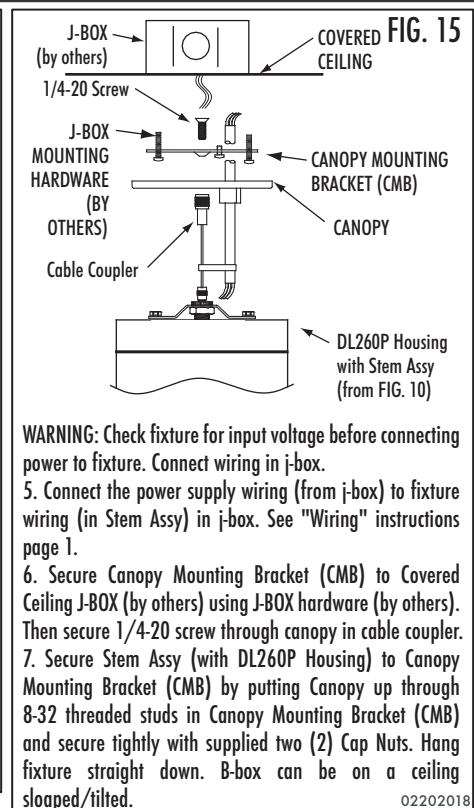
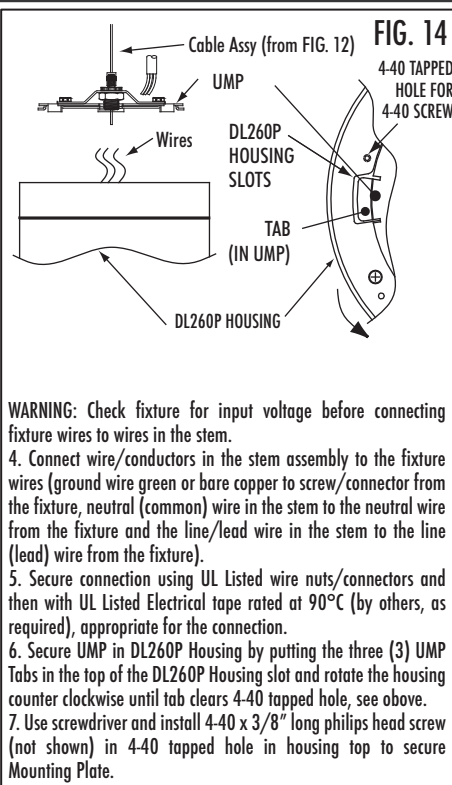
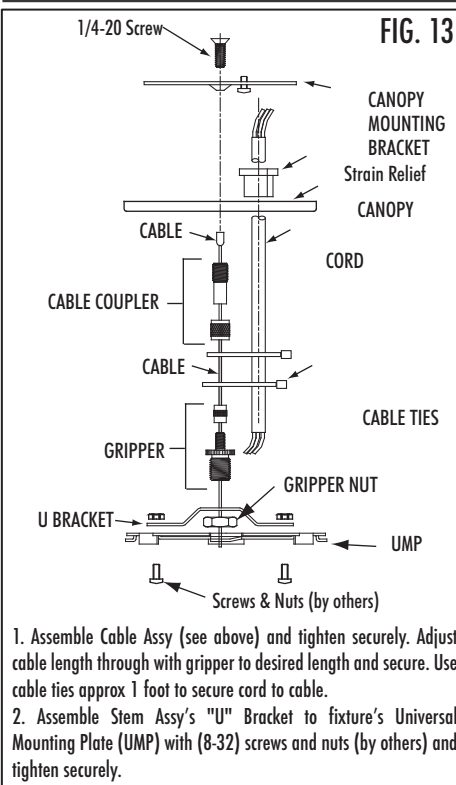


Components Dimensions

Tools Required



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



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CATALOG # : DL260P SURFACE MOUNT LUMEN CANNON with LPTM4

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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. Also for use with covered ceiling mount.

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

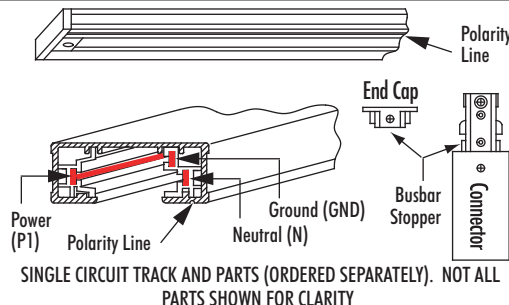
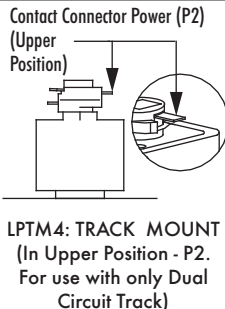
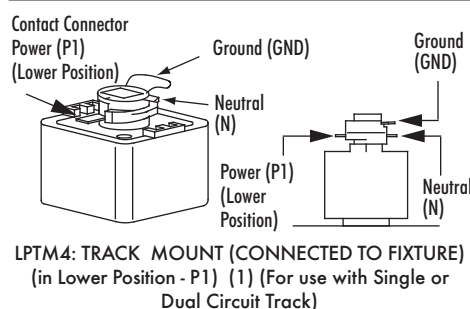
Fixture must be installed on a circuit protected by Ground Fault Circuit Interrupter (GFCI).

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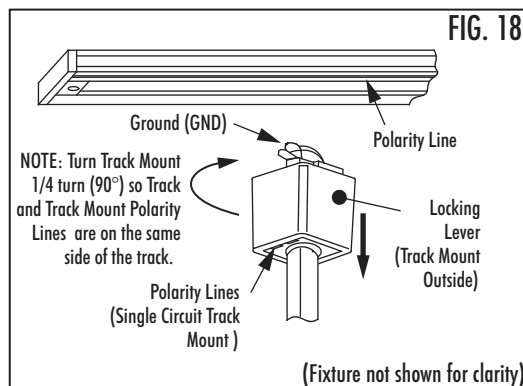
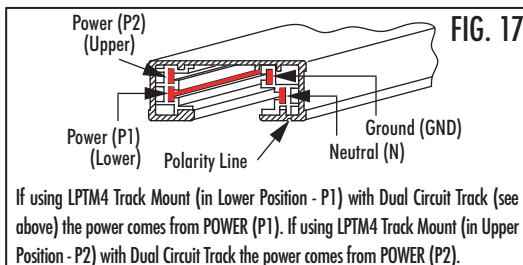
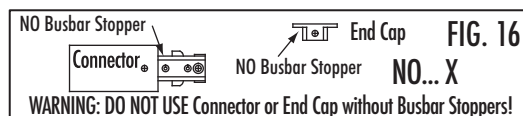
Do not use any other electrical equipment (example: surge protectors, photocells, etc.) that is not (rated) for use with LED fixture(s)/LED driver(s) on the same circuit as LED fixture(s)/LED driver(s).

Components / Parts (Single Circuit Track only)

Tools Required



- No tools required.
- For single and dual circuit track parts installation see Track Installation instructions.



FIXTURE INSTALLATION

WARNING: Use only Liton Track parts (see above and FIG. 17) with LPTM4 Track Mount (connected to fixture). Do not use Liton's track parts without any other manufacturers track (system, parts, etc.) with Liton Track LPTM4 Track Mount.

WARNING: To avoid the potential risk of fire and shorting, you should not under any circumstances use the connectors and end cap without Busbar Stoppers! (see FIG. 16).

WARNING: Always disconnect power before fixture installation, wiring, or maintenance.

1. Install Liton's Track as per Track Installation Instructions.
2. Note which Liton track type is installed, Single Circuit Track (see above) or Dual Circuit Track (see FIG. 17).

CAUTION: Before Installing Track Head, make sure power contact conductor is in the right position!

3. If using Single Circuit Track (see above) make sure the Track Mount "Power" contact connector location is in the Lower Position - P1 (see above left). If using Dual Circuit Track (see FIG. 13) make sure the Track Mount "Power" contact connector location is in the 1) Lower position - P1 (see above left) for the Track "P1" lower circuit or in the 2) Upper position - P2 for the Track P2 upper circuit (see above and FIG. 16). As needed push up or down on the Track Mount "Power" contact connector to put connector in the P1 or P2 position. For the Dual Circuit Track each circuit is rated for 2400 Watts and will allow you to control two individual sets of fixtures.
4. Locate Polarity line on the Track and Track Mount. The Track Mount Polarity Lines are on the same side as the Ground connector tab (see FIG. 18).
5. Pull down on the locking lever and insert the Adapter Contacts in the track slot.
6. Rotate adapter one quarter (1/4) turn (90 degrees) so that the Track Mount Polarity Lines are on the same side of the track as the Track polarity line (see FIG.18). Do NOT rotate Track Mount Polarity Lines on the opposite side of the track. Make sure track lock in place.
7. To remove fixture pull down on the locking lever and rotate 1/4 turn (90 degrees).

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Components / Parts (LPCMQ only)



U BRACKET (1)

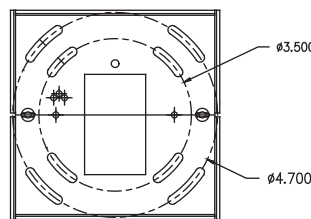


PARTS (SEE FIG. 19 BELOW)

- #1 5" CANOPY (1)
- #2 MOUNTING PLATE (1)
- #3 RECT. U PLATE (1)
- #4 U BRACKET (1)
- #5 PLASTIC BUSHING (1)
- #6 Half Ball (1)
- #7 1/4" -20 Short X 0.350" L Socket Set Screw (for Half Ball) (1)
- #8 1/4" -20 Socket Set Screw (for Half Ball) (1)
- #9 8/32" x 1/4" Philip Head Steel Zinc Screw (1)

- #10 Magnet (2)
- #11 6/32" x 1/4" L Flat Head Philips Screw (2)
- #12 1/4 IP THREADED NIPPLE (1)
- #13 1/8 IP Hexnut (1)
- #14 1-4IP I.D. STEM (1)
- #15 GROUND SCREW (1)
- #16 ADJ Tool Kit (1)

Components Dimensions Tools Required



#2 MOUNTING PLATE
(ALL SLOTS ARE 0.205" WIDE)

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

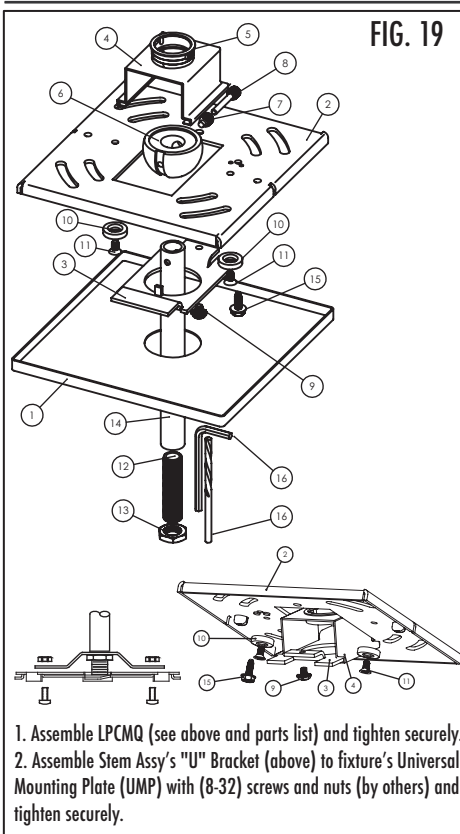


FIG. 19

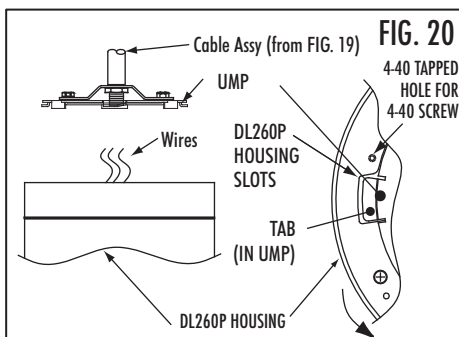


FIG. 20

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

4. Connect wire/conductors (by others) through 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).
5. Secure connection using UL Listed wire nuts/connectors and then with UL Listed Electrical tape rated at 90°C (by others, as required), appropriate for the connection.
6. Secure UMP in DL260P Housing by putting the three (3) UMP Tabs in the top of the DL260P Housing slot and rotate the housing counter clockwise until tab clears 4-40 tapped hole, see above.
7. Use screwdriver and install 4-40 x 3/8" long philips head screw (not shown) in 4-40 tapped hole in housing top to secure Mounting Plate.

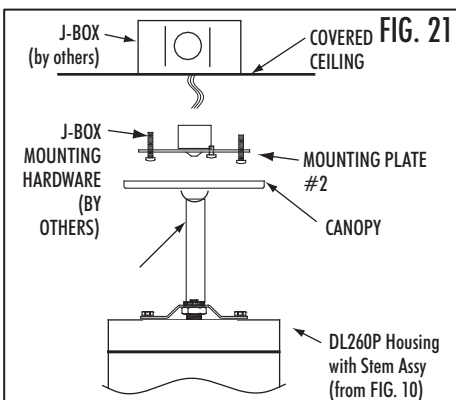


FIG. 21

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

8. Connect the power supply wiring (from j-box) to fixture wiring (in Stem Assy) in j-box. See "Wiring" instructions page 1.
9. Secure Mounting PLATE (#2, with stem assy) to Covered Ceiling J-BOX (by others) using J-BOX hardware (by others).
10. Push Canopy to mounting bracket
11. Hang fixture straight down. B-box can be on a ceiling sloped/tilted up to 45 degrees.

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