

CATALOG # : LCALDJ3 SURFACE (CEILING MOUNT)

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. Fixture is suitable for dry locations (unless otherwise stated on fixture, Liton's web site or other installations). Also for use with covered ceiling mount.

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

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).

RELAMPING:

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

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.

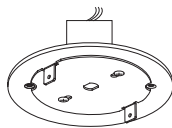
Components / Parts (LCALDJ3)

Components Dimensions

Tools Required



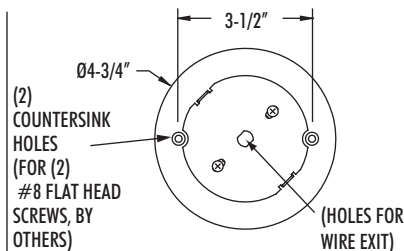
LCALDJ3 HOUSING ASSEMBLY (1)



MOUNTING PLATE ASSEMBLY (MPA) (With LED Driver) (1)



M3 X 8mm LONG FLAT HEAD SCREWS (2)



MOUNTING PLATE ASSEMBLY (MPA)

- #1 and #2 Phillips Head Screwdriver
- Wire Connectors
- Hardware (screws, nuts, etc.)
- DO NOT USE POWER TOOLS. ONLY USE HAND TOOLS.

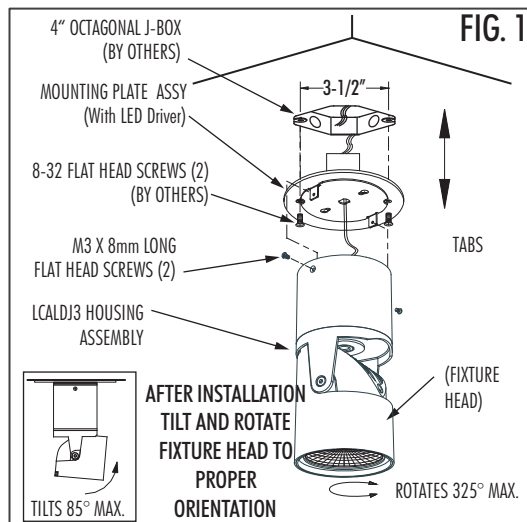


FIG. 1

FIGURE 1: FIXTURE INSTALLATION (CEILING MOUNT ONLY)

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

1. As needed remove Mounting Plate Assembly (MPA) from Housing Assy (FIG 1) by removing the two (2) M3 screws on the side of the fixture.
2. Mounting plate Assembly fits onto a 4" octagonal junction box (J-BOX) or other J-Boxes that have a 3-1/2" hole/screw spacing (see above dimensions). Other j-boxes may also fit. Make sure J-BOX threaded holes will fit MPA holes.
3. Install wiring in 4" octagonal J-BOX (or other j-box) in ceiling, as needed.
4. Connect the power supply wiring from J-BOX to fixture wiring from LED driver in j-box. See "Wiring" instructions below.
5. Secure Mounting Plate Assembly (with LED driver) on j-box (by others), LED driver fits in 4" octagonal j-box, with appropriate hardware (by others) (FIG 1). Keep wires from Housing Assembly to Mounting Plate Assembly attached. Do NOT pull on wires from Housing Assembly to LED driver.
6. Align the two (2) tabs on the Mounting plate to the slots in the top of the Housing Assembly (FIG. 1).
7. Tighten M3 screw with #1 screw driver in housing until set screw is flush with outside of housing. Do not over tighten screws.

CHANGING REFLECTOR (FIG. 4)

1. Remove fixture from mounting surface. Point fixture (A) downward and then lightly press and turn Trim (D) counterclockwise to unscrew and remove Trim (D) with Glass (C) and Reflector (B) from fixture housing (A).
2. Twist Reflector (B) until tab aligns with Trim (D). Push up and remove Reflector (B) and Glass (C) (as needed) from Trim (D).
3. Replace Reflector (B) with a new Reflector and reverse procedure in steps 1 and 2 above to install trim snug (finger tight) in housing. Do not over tighten trim in housing.

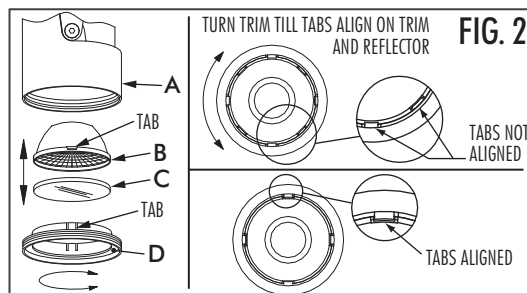


FIG. 2

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

WIRING

NOTE: Check fixture for input voltage before connecting power to fixture. Connect wiring in j-box. For dimming information (wiring diagrams, chart, etc.) see LCALDJ3 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 fixture.
2. Connect the neutral (common) wire from the power supply circuit to the neutral wire from the fixture.
3. Connect the main voltage supply wire (line/lead) from the power supply to the line (lead) wire from the fixture.
4. Secure connection using UL Listed wire nuts/connectors and then with UL Listed Electrical tape (by others), as required, appropriate for the connection.

02222019

CATALOG # :LCALDJ3 SURFACE (WALL MOUNT)

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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. Fixture is suitable for dry locations (unless otherwise stated on fixture, Liton's web site or other installations). Also for use with covered ceiling mount.

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

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).

RELAMPING:

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

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.

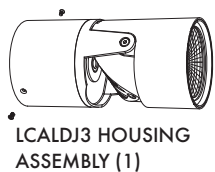
Do not use any other electrical equipment (example: surge protector photocell, etc.) that is not (rated) for use with LED fixture(s)/LED driver(s) on the same circuit as LED fixture(s)/LED driver(s).

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 (LCALDJ3)

Components Dimensions

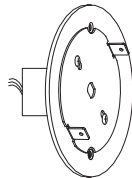
Tools Required



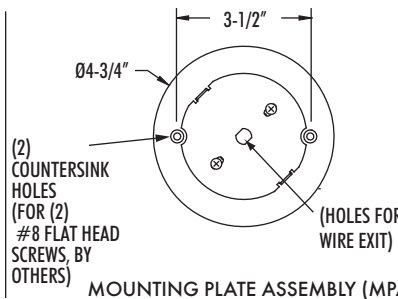
LCALDJ3 HOUSING
ASSEMBLY (1)



M3 X 6mm LONG
FLAT HEAD SCREWS
(2)



MOUNTING PLATE ASSEMBLY (MPA)
(With LED Driver) (1)



MOUNTING PLATE ASSEMBLY (MPA)

- #1 and #2 Phillips Head Screwdriver
- Wire Connectors
- Hardware (screws, nuts, etc.)
- DO NOT USE POWER TOOLS. ONLY USE HAND TOOLS.

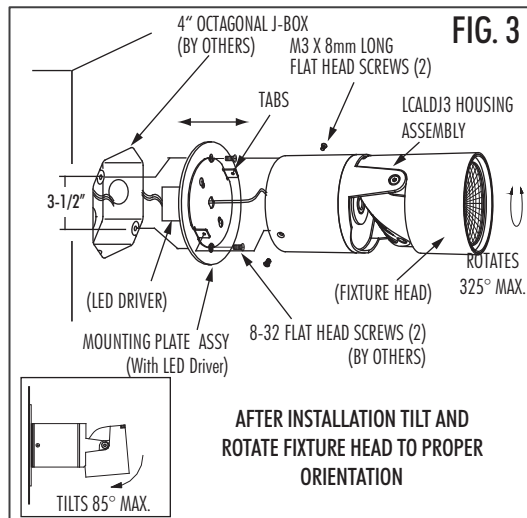


FIG. 3

FIGURE 3: FIXTURE INSTALLATION (WALL MOUNT ONLY)

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

1. As needed remove Mounting Plate Assembly (MPA) from Housing Assy (FIG 1) by removing the two (2) M3 screws on the side of the fixture.
2. Mounting plate Assembly fits onto a 4" octagonal junction box (J-BOX) or other J-Boxes that have a 3-1/2" hole/screw spacing (see above dimensions). Other j-boxes may also fit. Make sure J-BOX threaded holes will fit MPA holes.
3. Install wiring in 4" octagonal J-BOX (or other j-box) in ceiling, as needed.
4. Connect the power supply wiring from J-BOX to fixture wiring from LED driver in j-box. See "Wiring" instructions below.
5. Secure Mounting Plate Assembly (with LED driver) on j-box (by others), LED driver fits in 4" octagonal j-box, with appropriate hardware (by others) (FIG 3). Keep wires from Housing Assembly to Mounting Plate Assembly attached. Do NOT pull on wires from Housing Assembly to LED driver.
6. Align the two (2) tabs on the Mounting plate to the slots in the top of the Housing Assembly (FIG. 3).
7. Tighten M3 screw with #1 screw driver in housing until set screw is flush with outside of housing. Do not over tighten screws.

CHANGING REFLECTOR (FIG. 4)

1. Remove fixture from mounting surface. Point fixture (A) downward and then lightly press and turn Trim (D) counterclockwise to unscrew and remove Trim (D) with Glass (C) and Reflector (B) from fixture housing (A).
2. Twist Reflector (B) until tab aligns with Trim (D). Push up and remove Reflector (B) and Glass (C) (as needed) from Trim (D).
3. Replace Reflector (B) with a new Reflector and reverse procedure in steps 1 and 2 above to install trim snug (finger tight) in housing. Do not over tighten trim in housing.

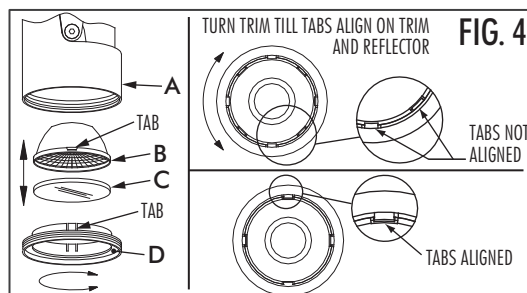


FIG. 4

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

WIRING

NOTE: Check fixture for input voltage before connecting power to fixture. Connect wiring in j-box. For dimming information (wiring diagrams, chart, etc.) see LCALDJ3 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 fixture.
2. Connect the neutral (common) wire from the power supply circuit to the neutral wire from the fixture.
3. Connect the main voltage supply wire (line/lead) from the power supply to the line (lead) wire from the fixture.
4. Secure connection using UL Listed wire nuts/connectors and then with UL Listed Electrical tape (by others), as required, appropriate for the connection.

02222019

INSTALLATION INSTRUCTIONS for LCALDJ3 with STMJxx Series Accessory

SAVE THESE INSTRUCTIONS

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CATALOG # : LCALDJ3 WITH STEM MOUNT (STM 12/254/36/48)

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.

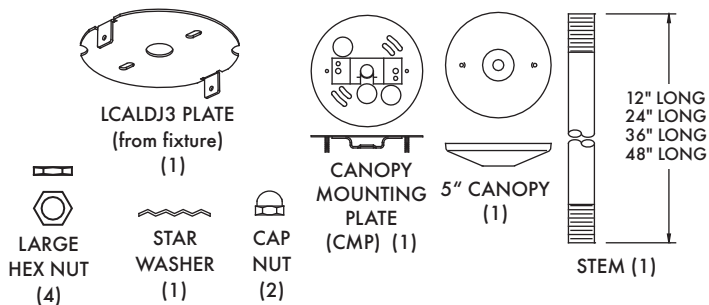
Fixture must be installed on a circuit protected by Ground Fault Circuit Interrupter (GFCI).

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.

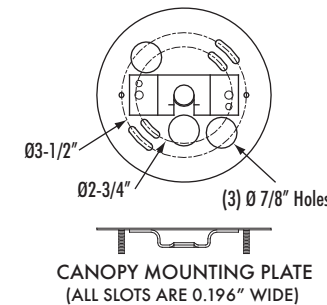
Do not use any other electrical equipment (example: surge protector photocell, etc.) that is not (rated) for use with LED fixture(s)/LED driver(s) on the same circuit as LED fixture(s)/LED driver(s).

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 (STM12/24/36/48)



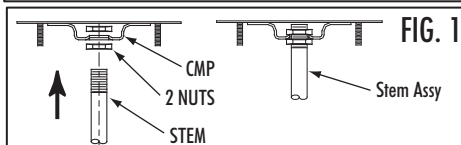
Components Dimensions



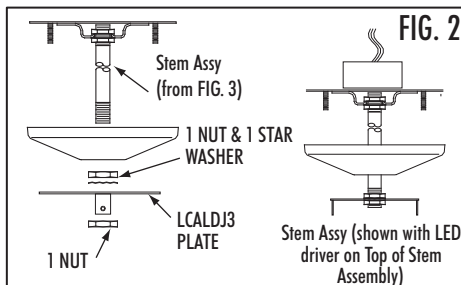
Tools Required

- 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.

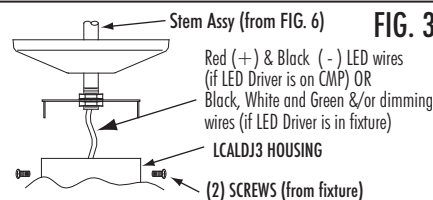
NOTE: If Stem Assembly parts (see above) are assembled (see FIG. 2) when removed from box then go to FIG. 3 (right). If not then go to FIG. 1 (below).



1. Assemble Stem in Canopy Mounting Plate "U" Bracket and tighten securely with 2 Large Hex Nuts on stem.



2. Assemble Stem Assy (FIG. 1) through LCALDJ3 Plate (with Canopy) and tighten securely using 2 Large Hex Nuts and 1 Star Washer on Stem. If LED driver is not installed inside fixture install LED driver on top of CMP with tie wraps (by others).



WARNING: Check fixture for input voltage before connecting power to fixture. Connect wiring only in j-box. For dimming information (wiring diagrams, chart, etc.) see LCALDJ3 website page.

3. LED driver is on top of CMP: Feed red and black wires from the fixture through the stem and connect to the secondary LED Driver red and black wires on top of the CMP. Connect red (+) to red (+) wires and black (-) to black (-) wires using UL Listed wire nuts/connectors for the appropriate conductor wire size and then with UL Listed Electrical tape rated at 90°C (by others, as required) and go to step 5 below.

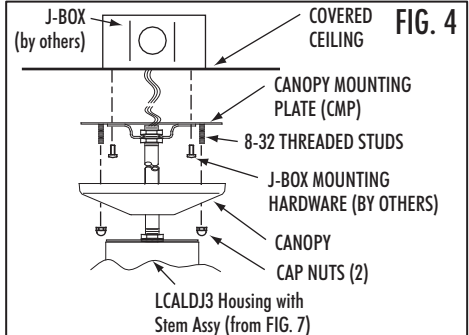
4. LED driver is inside fixture: Feed black, white, green wires or cord (and any dimming wire) from fixture through the stem to the top of the canopy.

5. Align the two (2) tabs on the Mounting plate to the slots in the top of the Housing Assembly (FIG. 1).

6. Tighten M3 screw with #1 screw driver in housing until set screw is flush with outside of housing. Do not over tighten screws.

7. Connect supply circuit wire/conductors to the fixture/LED driver 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 last the line/lead wire in the stem to the line (lead) wire from the fixture) inside the j-box.

8. 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.



NOTE: If LED driver is on top of CMP use only 4" octagonal j-box (or larger) that will support the fixture and that will fit LED driver (that is on top of CMP) inside j-box. If LED driver is inside fixture use any size j-box that will support the fixture and mount to the canopy mounting plate.

9. Secure CMP (with Stem Assy and fixture) to Covered Ceiling J-BOX (by others) using J-BOX hardware.

10. 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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INSTALLATION INSTRUCTIONS for LCALDJ3 with STMJxx Series Accessory

READ AND UNDERSTAND ALL INSTALLATION INSTRUCTIONS BEFORE INSTALLING FIXTURE!

SAVE THESE INSTRUCTIONS

CATALOG # : LCALDJ3 WITH STEM MOUNT (STMJ12/254/36/48)

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

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.

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.

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

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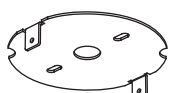
Do not use any other electrical equipment (example: surge protector photocell, etc.) that is not (rated) for use with LED fixture(s)/LED driver(s) on the same circuit as LED fixture(s)/LED driver(s).

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Components / Parts (LCALDJ3 Plate with STMJxx only)

Components Dimensions

Tools Required



LCALDJ3 PLATE
(from fixture)
(1)



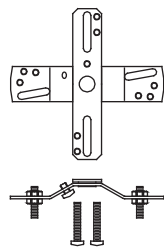
CAP NUT
(2)



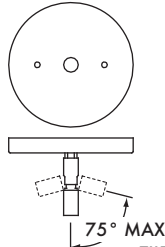
LARGE HEX
NUT (1)



STAR
WASHER
(1)



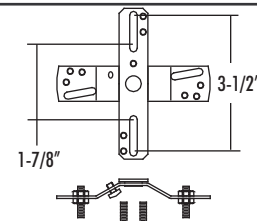
CANOPY MOUNTING
BRACKET (CMB) (1)



5" ADJUSTABLE
CANOPY (1)



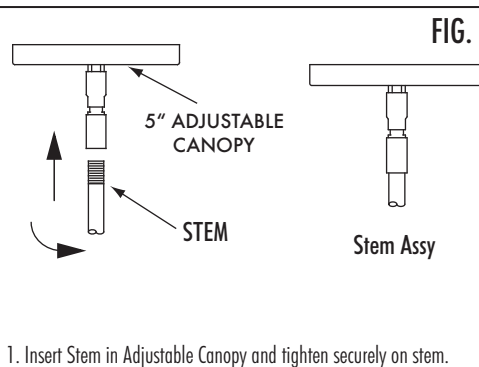
STEM (1)



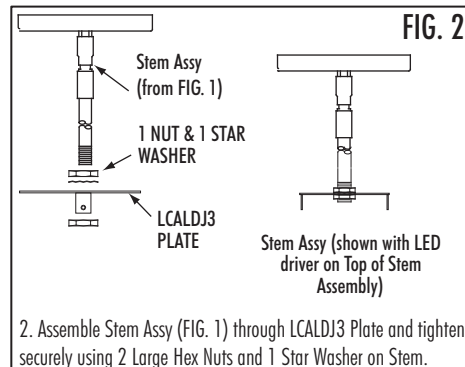
CANOPY MOUNTING PLATE
DIMENSIONS ARE FOR J-BOX SCREWS
(ALL SLOTS ARE 0.196" WIDE)

- 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.

NOTE: If Stem Assembly parts (see above) are assembled (see FIG. 2) when removed from box then go to FIG. 3 (page 2). If not then go to FIG. 1 (right).



1. Insert Stem in Adjustable Canopy and tighten securely on stem.



2. Assemble Stem Assy (FIG. 1) through LCALDJ3 Plate and tighten securely using 2 Large Hex Nuts and 1 Star Washer on Stem.

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INSTALLATION INSTRUCTIONS for LCALDJ3 with STMJxx Series Accessory

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SAVE THESE INSTRUCTIONS

CATALOG # : LCALDJ3 WITH STEM MOUNT (STMJ12/254/36/48)

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.

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

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

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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.

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.

FIG. 3

Stem Assy (from FIG. 2)

Red (+) & Black (-) LED wires (if LED Driver is on CMB) OR Black, White and Green &/or dimming wires (if LED Driver is in fixture)

LCALDJ3 HOUSING

(2) SCREWS (from fixture)

WARNING: Check fixture for input voltage before connecting power to fixture. Connect wiring only in j-box. For dimming information (wiring diagrams, chart, etc.) see LCALDJ3 website page.

3. LED driver is on top of CMB: Feed red and black wires (supplied) from the fixture through the stem and connect to the secondary LED Driver red and black wires on top of the CMP. Connect red (+) to red (+) wires and black (-) to black (-) wires using UL Listed wire nuts/connectors for the appropriate conductor wire size and then with UL Listed Electrical tape rated at 90°C (by others, as required) and go to step 5 below.
4. LED driver is inside fixture: Feed black, white, green wires or cord (supplied, and any dimming wire) from fixture through the stem to the top of the canopy.
5. Align the two (2) tabs on the Mounting plate to the slots in the top of the Housing Assembly (FIG. 1).
6. Tighten M3 screw with #1 screw driver in housing until set screw is flush with outside of housing. Do not over tighten screws.
7. Connect supply circuit wire/conductors to the fixture/LED driver 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 last the line/lead wire in the stem to the line (lead) wire from the fixture) inside the j-box.
8. 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.

FIG. 4

J-BOX (by others)

COVERED CEILING

J-BOX MOUNTING HARDWARE (BY OTHERS)

8-32 THREADED STUDS

CANOPY MOUNTING BRACKET (CMB)

ADJ. CANOPY

CAP NUTS (2)

LCALDJ3 Housing with Stem Assy (from FIG. 7)

NOTE: If LED driver is on top of CMB use only 4" octagonal j-box (or larger) that will support the fixture and that will fit LED driver (that is on top of CMB, shown above) inside j-box. If LED driver is inside fixture use any size j-box that will support the fixture and mount to the canopy mounting bracket.

9. Secure CMB (with Stem Assy and fixture) to Covered Ceiling J-BOX (by others) using J-BOX hardware.
10. Put Canopy up through 8-32 threaded studs in Canopy Mounting Plate (CMP) and secure tightly with supplied two (2) Cap Nuts.
12. Secure Canopy Mounting Bracket (CMB) to Covered Ceiling J-BOX (by others) using J-BOX hardware (by others).
13. Secure Stem Assy (with LCALDJ3 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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CATALOG # : LPTM4 Track Mount with Single (1CCT) or Dual (2CCT) Circuit Track

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. Fixture is suitable for dry locations (unless otherwise stated on fixture, Liton's web site or other installations. 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).

Fixtures that are not LED:

For installing lampholder, make sure to refer to other instructions within your fixture, as required. For installing lamps please refer to your lamp manufacturers' instructions.

LED Fixtures:

RELAMPING:

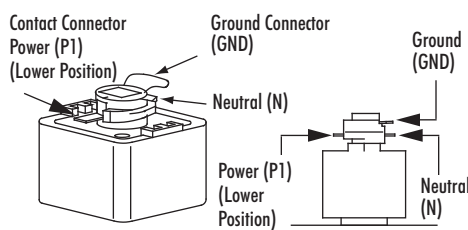
Return fixture to Liton for servicing/replacing LED and LED drivers, as required.

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.

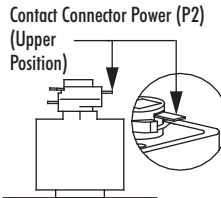
Do not use any other electrical equipment (example: surge protector photocell, etc.) that is not (rated) for use with LED fixture(s)/LED driver(s) on the same circuit as LED fixture(s)/LED driver(s).

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.

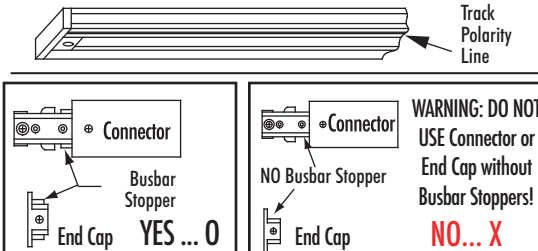
Components/Parts LPTM4 Track Mount w/ Single Circuit Track(1CCT) or Dual Track (2 CCT) Tools Required



LPTM4: TRACK MOUNT (CONNECTED TO FIXTURE)
(in Lower Position - P1) (1) (For use with Single or Dual Circuit Track)



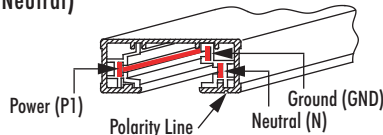
LPTM4: TRACK MOUNT
(In Upper Position - P2.
For use with only Dual Circuit Track)



SINGLE and DUAL CIRCUIT TRACK AND PARTS (ORDERED SEPARATELY).
NOT ALL PARTS SHOWN FOR CLARITY

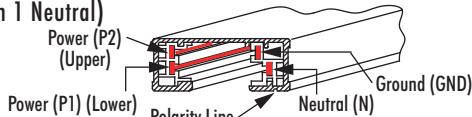
- No tools required.
- For single and dual circuit track parts installation see Track Installation instructions.

SINGLE CIRCUIT TRACK (1 CCT TRACK CHANNEL) (with 1 Neutral) FIG. 1

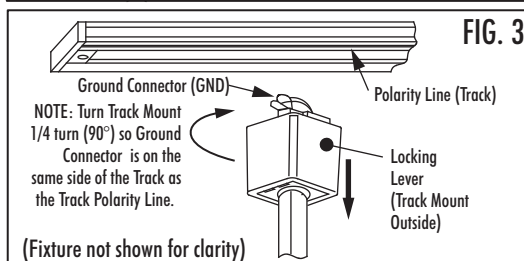


Use the LPTM4 Track Mount contact connector only in the Lower Position (P1, see above) with Single Circuit Track (see above). The power comes from POWER (P1).

DUAL CIRCUIT TRACK (2 CCT TRACK CHANNEL) (with 1 Neutral) FIG. 2



When using LPTM4 Track Mount contact connector in Lower Position (P1, see above) with Dual Circuit Track (see above) the power comes from POWER (P1). If using LPTM4 Track Mount contact connector in Upper Position (P2, see above center) with Dual Circuit Track the power comes from POWER (P2).



(Fixture not shown for clarity)

FIXTURE INSTALLATION

WARNING: Use only Liton Track parts (see above and FIG. 1 and 16) with LPTM4 Track Mount (connected to fixture). Do not use Liton Track LPTM4 Track Mount with any other manufacturers track (system, parts, etc.).

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 above picture with "NO...X" mark) for your track system!

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 FIG. 1) or Dual Circuit Track (see FIG. 2).

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

3. When using Single Circuit Track (see FIG. 1 left) make sure the Track Mount "Power" contact connector location is in the Lower Position - P1 (see above left). When using Dual Circuit Track (see FIG. 2 left) make sure the Track Mount "Power" contact connector location is either in the Lower position - P1 (see above left) for the Track P1 lower circuit (see FIG. 1) or in the Upper position - P2 (see above) for the Track P2 upper circuit (see FIG. 2). 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 the Track Polarity line and the Ground Connector on the and LPTM4 Track Mount (see above left and FIG. 2 and FIG. 3).
5. Pull down on the Track Mount locking lever and insert the Adapter Contacts in the Liton Single or Dual Circuit Track slots (see FIG. 3).
6. Rotate Track Mount LPTM4 one quarter (1/4) turn (90 degrees) so that the Track Mount Ground Connector (side of Track Mount with two contacts) is on the same side of the track as the Track polarity line (see FIG.17) and locking lever locks back in place. Do NOT rotate Track Mount Ground to the side of the track without the Polarity Lines. Make sure track lock in place.
7. To remove fixture pull down on the locking lever and rotate 1/4 turn (90 degrees).

12132018

FOR USE WITH LITON LP2 SERIES TRACK SYSTEM ONLY

SAVE THESE INSTRUCTIONS

CATALOG # : LP2 Series Surface Track Mount Connector with 2 Circuit, 2 Neutral (2 CCT/2N) Track

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. Fixture is suitable for dry locations (unless otherwise stated on fixture, Liton's web site or other installations. 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).

Fixtures that are not LED:

For installing lampholder, make sure to refer to other instructions within your fixture, as required. For installing lamps please refer to your lamp manufacturers' instructions.

LED Fixtures:

RELAMPING:

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

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.

LP2 Series Surface Track System with 2 Circuit Track (2 CCT/2N) Only

LATS (2 CCT) TRACK WIRING DIAGRAM

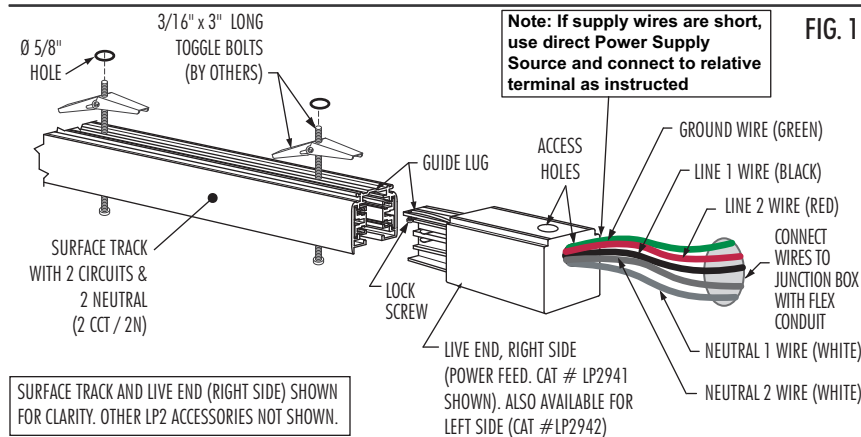
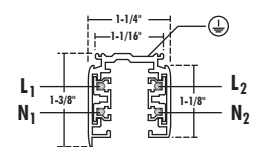


FIG. 1

The Liton Architectural Track Series are equipped with four copper conductors, two separate live circuits and two independent neutrals. The body of the track serves as the ground connection. The copper conductors have a circular cross section, and are .088 inches in diameter. Therefore, these conductors are approximately 20 percent larger in area than 12AWG; and this extra gauge provides additional margin for loading of the neutral conductor.



L1 = Black Wire L2 = Red Wire
N1 = White Wire N2 = White Wire

WIRING (POLARITY) DIAGRAM

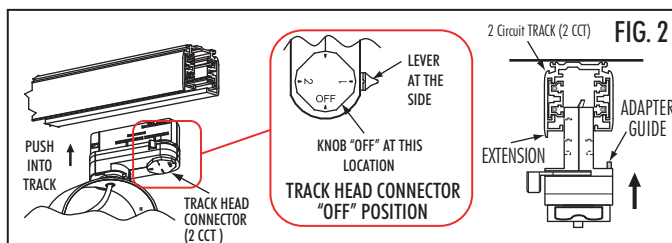
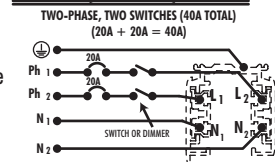


FIG. 2

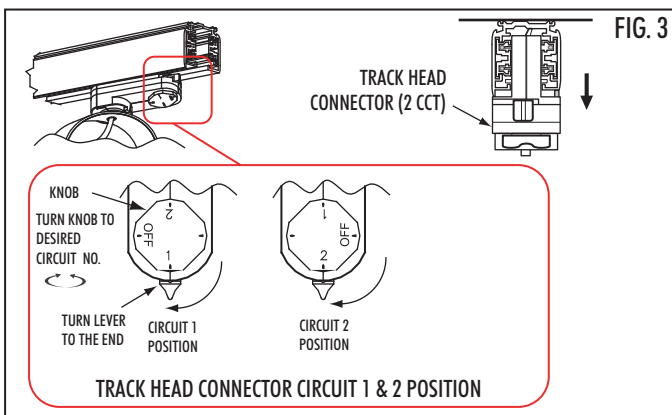


FIG. 3

Track Fixture Installation (120V - 277V AC):

WARNING: Always disconnect power before fixture installation, wiring or maintenance! **NOTE:** Check fixture and track voltage to make sure fixture voltage is within the range of track voltage before connecting fixture to track.

1. Remove the cover of the Live End (Power Feed, right or left) to expose wires (FIG. 1).
2. With the power off, connect the Cable to the Relative Terminal (See Wiring Diagram above).
3. Insert the Live End (Power Feed, right side shown FIG. 1) into the 2 Circuit Track (2 CCT TRACK) using the Guide Lug (FIG. 1).
4. Fasten the Lock Screw till it fully locks with the Track (FIG. 1).
5. Make $\varnothing 5/8$ " holes in the wall or ceiling matching the Toggle Bolts holes are in the Track. Use Track as template/guide to mark hole locations on ceiling or wall.
6. Install, and secure, the 2 Circuit Track (2 CCT TRACK) to ceiling or wall using 3/16" x 3" long Toggle Bolts (by others) and/or safety cable (by other) (FIG. 1). Do not allow hardware or cables in Track that may interfere with Track head(s) or any Track live parts.
7. On the fixtures 2 Circuit (2 CCT) Track Head Connector make sure the Lever is on the side and the Knob is in the "OFF" position" (FIG. #2). Do NOT install the fixture track head into the track if the Track Head Connector is NOT in this position.
8. Align the fixture Track Head to the 2 CCT Track so that the Adapter Guide is opposite side of the Track Extension (FIG. 2).
9. Install the fixtures Track Head Connector into the Track (FIG. 2) at the desired location and turn the Lever on the Track head to the end of the Track Head (FIG. 3).
10. Turn the Track Head Knob to the desired circuit position (FIG. 3).
11. To remove the fixture Track Head Connector from the Track disconnect power (see above WARNING), and reverse steps 9 and 10 above by turning the Knob to the "OFF" position and then push Lever to the side of the Track Head Connector (FIG. 2).

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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.

WARNING: RISK OF SHOCK. This Luminaire is suitable for DRY and for TYPE NON-IC location -

"Do not install Insulation within 3in of any part of this Luminaire"

"Ne pas mettre L'isolant a moins de 3 po de toute partie du Luminaire"

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

Fixtures that are not LED:

For installing lampholder, make sure to refer to other instructions within your fixture, as required. For installing lamps please refer to your lamp manufacturers' instructions.

LED Fixtures:

RELAMPING:

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

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.

LP2 Series Recessed Track System with 2 Circuit Track (2 CCT/2N) Only

LATS (2 CCT) TRACK WIRING DIAGRAM

For mounting and/or safety cables use existing slots or drill holes in track.

Note: If supply wires are short, use direct Power Supply Source and connect to relative terminal as instructed

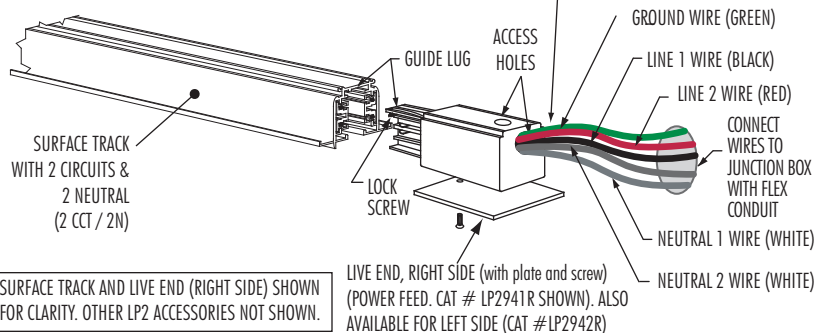
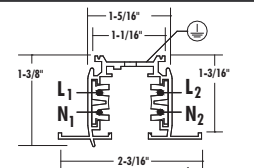


FIG. 1

The Liton Architectural Track Series are equipped with four copper conductors, two separate live circuits and two independent neutrals. The body of the track serves as the ground connection. The copper conductors have a circular cross section, and are .088 inches in diameter. Therefore, these conductors are approximately 20 percent larger in area than 12AWG; and this extra gauge provides additional margin for loading of the neutral conductor.



L1 = Black Wire L2 = Red Wire
N1 = White Wire N2 = White Wire

WIRING (POLARITY) DIAGRAM

TWO-PHASE, TWO SWITCHES (40A TOTAL)
(20A + 20A = 40A)

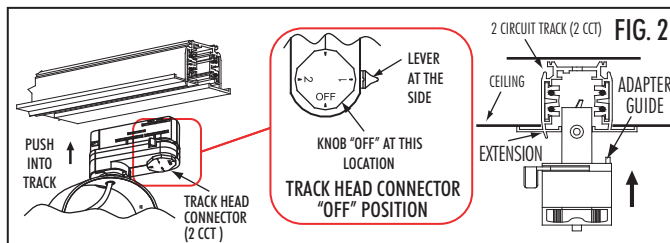
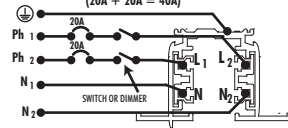


FIG. 2

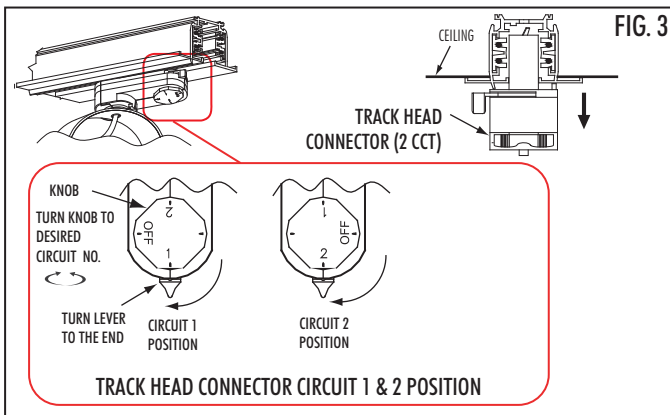


FIG. 3

Track Fixture Installation (120V - 277V AC):

WARNING: Always disconnect power before fixture installation, wiring or maintenance! **NOTE:** Check fixture and track voltage to make sure fixture voltage is within the range of track voltage before connecting fixture to track.

1. Remove the Live End (Power Feed, right or left) cover and plate and screw to expose wires (FIG. 1).
2. With the power off, connect the Cable to the Relative Terminal (See Wiring Diagram above).
3. Insert the Live End (Power Feed, right side shown FIG. 1) into the 2 Circuit Track (2 CCT TRACK) using the Guide Lug (FIG. 1).
4. Fasten the Lock Screw till it fully locks with the Track (FIG. 1).
5. Use slots (3/16" x 11/32") in Track (or make holes in Track) to secure Track to ceiling with hardware and/or safety cable(s) (by others) as needed. Use Track as template/guide to mark hole locations on ceiling or wall.
6. Install, and secure, the 2 Circuit Track (2 CCT TRACK) to ceiling or wall using hardware (by other) and/or safety cable (by other) (FIG. 1). Do not allow hardware or cables in Track that may interfere with Track head(s) or any Track live parts (FIG. 4, Page 2 of 2). Replace plate and screw on Live End to cover hole in ceiling (FIG. 1).
7. On the fixtures 2 Circuit (2 CCT) Tack Head Connector make sure the Lever is on the side and the Knob is in the "OFF" position" (FIG. #2). Do NOT install the fixture track head into the track if the Track Head Connector is NOT in this position.
8. Align the fixture Track Head to the 2 CCT Track so that the Adapter Guide is opposite side of the Track Extension (FIG. 2).
9. Install the fixtures Track Head Connector into the Track (FIG. 2) at the desired location and turn the Lever on the Track head to the end of the Track Head (FIG. 3).
10. Turn the Track Head Knob to the desired circuit position (FIG. 3).
11. To remove the fixture Track Head Connector from the Track disconnect power (see above WARNING), and reverse steps 9 and 10 above by turning the Knob to the "OFF" position and then push Lever to the side of the Track Head Connector (FIG. 2).

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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.

WARNING: RISK OF SHOCK. This Luminaire is suitable for DRY and for TYPE NON-IC location -

"Do not install Insulation within 3in of any part of this Luminaire"

"Ne pas mettre L'isolant a moins de 3 po de toute partie du Luminaire"

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

Fixtures that are not LED:

For installing lampholder, make sure to refer to other instructions within your fixture, as required. For installing lamps please refer to your lamp manufacturers' instructions.

LED Fixtures:

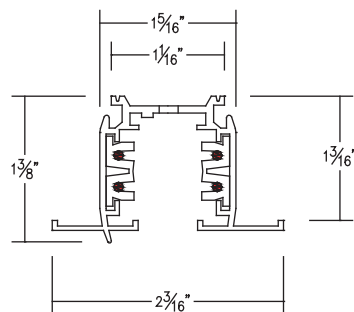
RELAMPING:

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

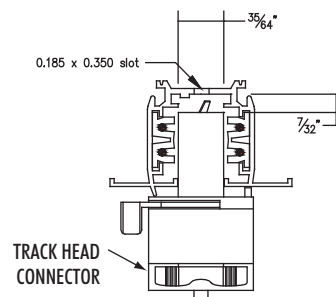
Install LED fixture(s)/LED driver(s) only on their own circuit. Do not mix any other products (Incandescent, Compact Fluorescent, H.I.D. products/fixtures, etc...) with LED fixture(s)/LED driver(s) on a single circuit.

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.



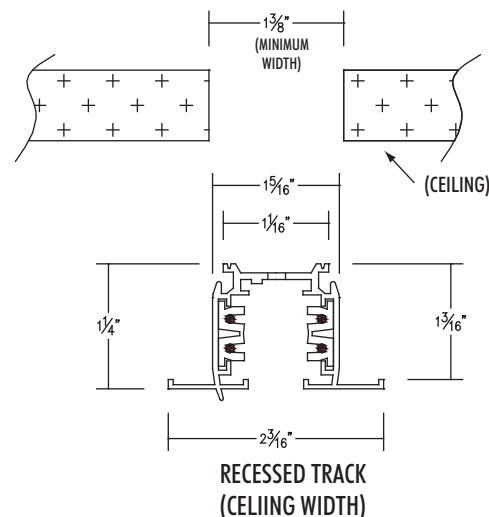
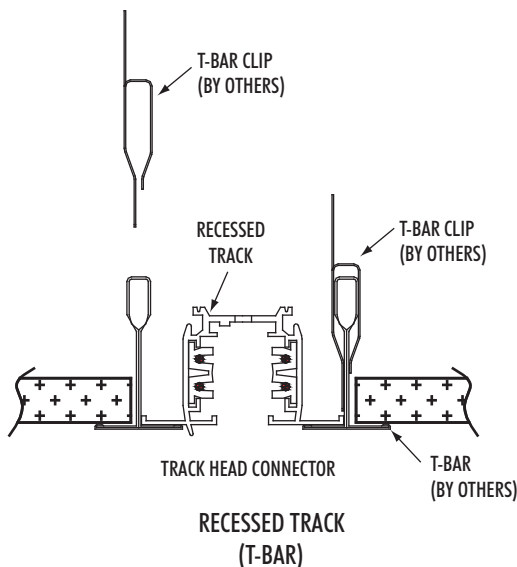
RECESSED TRACK SIZE



SCREW SPACE - FOR SCREWS (BY OTHERS)
WITH TRACK HEAD INSTALLED IN TRACK

FIG. 4

INSTALLATION EXAMPLES (YOUR INSTALLATION MAY DIFFER)



SAVE THESE INSTRUCTIONS

CATALOG # : LP3 Series Surface Track Mount Connector with 3 Circuit, 1 Neutral (3CCT/1N) Track

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. Fixture is suitable for dry locations (unless otherwise stated on fixture, Liton's web site or other installations. 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).

Fixtures that are not LED:

For installing lampholder, make sure to refer to other instructions within your fixture, as required. For installing lamps please refer to your lamp manufacturers' instructions.

LED Fixtures:

RELAMPING:

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

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.

LP3 Series Surface Track System with 3 Circuit Track (3 CCT/1N) Only

LATS (3 CCT) TRACK WIRING DIAGRAM

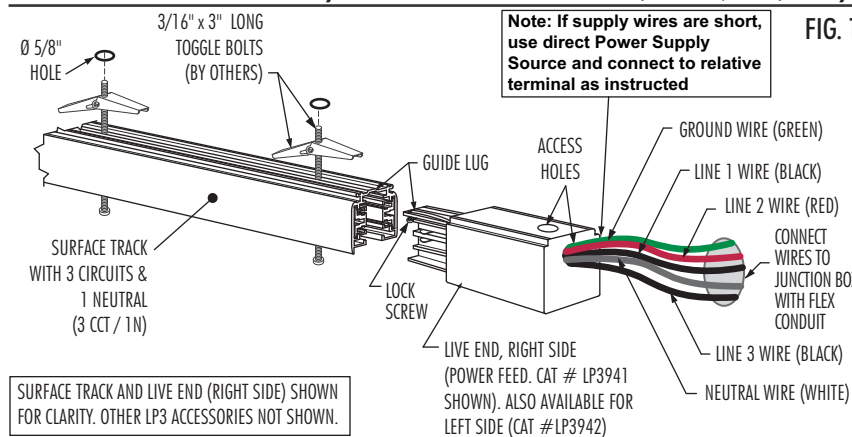
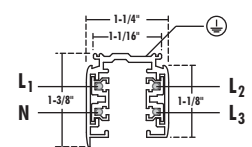


FIG. 1

The Liton Architectural Track Series are equipped with four copper conductors, three for live circuits and one for neutral. The body of the track serves as the ground connection. The copper conductors have a circular cross section, and are .088 inches in diameter. Therefore, these conductors are approximately 20 percent larger in area than 12AWG; and this extra gauge provides additional margin for loading of the neutral conductor.



L1 = Black Wire L2 = Red Wire
N = White Wire L3 = Black Wire

WIRING (POLARITY) DIAGRAM

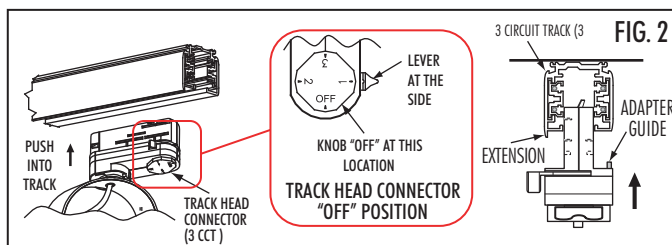
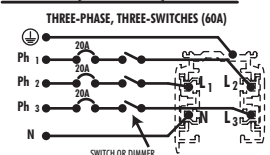


FIG. 2

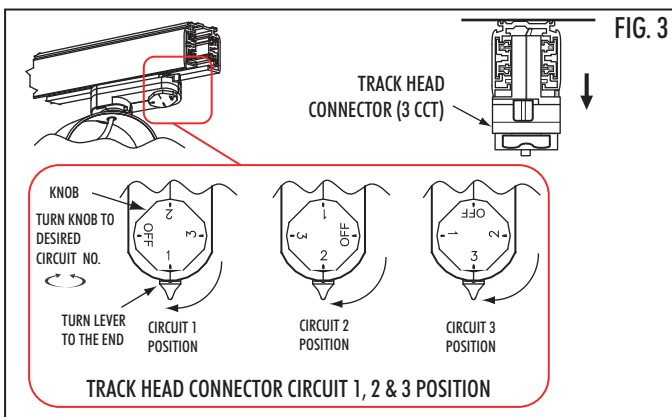


FIG. 3

Track Fixture Installation (120V - 277V AC):

WARNING: Always disconnect power before fixture installation, wiring or maintenance! **NOTE:** Check fixture and track voltage to make sure fixture voltage is within the range of track voltage before connecting fixture to track.

1. Remove the cover of the Live End (Power Feed, right or left) to expose wires (FIG. 1).
2. With the power off, connect the Cable to the Relative Terminal (See Wiring Diagram above).
3. Insert the Live End (Power Feed, right side shown FIG. 1) into the 3 Circuit Track (3 CCT TRACK) using the Guide Lug (FIG. 1).
4. Fasten the Lock Screw till it fully locks with the Track (FIG. 1).
5. Make Ø 5/8" holes in the wall or ceiling matching the Toggle Bolts holes are in the Track. Use Track as template/guide to mark hole locations on ceiling or wall.
6. Install, and secure, the 2 Circuit Track (2 CCT TRACK) to ceiling or wall using 3/16" x 3" long Toggle Bolts (by others) and/or safety cable (by other) (FIG. 1). Do not allow hardware or cables in Track that may interfere with Track head(s) or any Track live parts.
7. On the fixtures 3 circuit (3 CCT) Track Head Connector make sure the Lever is on the side and the Knob is in the "OFF" position" (FIG. #2). Do NOT install the fixture track head into the track if the Track Head Connector is NOT in this position.
8. Align the fixture Track Head to the 3 CCT Track so that the Adapter Guide is opposite side of the Track Extension (FIG. 2).
9. Install the fixtures Track Head Connector into the Track (FIG. 2) at the desired location and turn the Lever on the Track head to the end of the Track Head (FIG. 3).
10. Turn the Track Head Knob to the desired circuit position (FIG. 3).
11. To remove the fixture Track Head Connector from the Track disconnect power (see above WARNING), and reverse steps 9 and 10 above by turning the Knob to the "OFF" position and then push Lever to the side of the Track Head Connector (FIG. 2).

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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.

WARNING: RISK OF SHOCK. This Luminaire is suitable for DRY and for TYPE NON-IC location -

"Do not install Insulation within 3in of any part of this Luminaire"

"Ne pas mettre l'isolant a moins de 3 po de toute partie du Luminaire"

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

Fixtures that are not LED:

For installing lampholder, make sure to refer to other instructions within your fixture, as required. For installing lamps please refer to your lamp manufacturers' instructions.

LED Fixtures:

RELAMPING:

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

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.

LP3 Series Recessed Track System with 3 Circuit Track (3 CCT/1N) Only | LATS (3 CCT) TRACK WIRING DIAGRAM

For mounting and/or safety cables use existing slots or drill holes in track.

Note: If supply wires are short, use direct Power Supply Source and connect to relative terminal as instructed

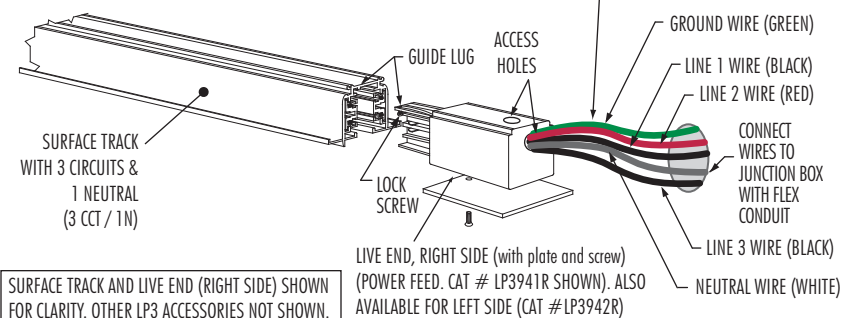
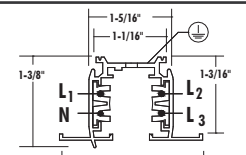


FIG. 1

The Liton Architectural Track Series are equipped with four copper conductors, three for live circuits and one for neutral. The body of the track serves as the ground connection. The copper conductors have a circular cross section, and are .088 inches in diameter. Therefore, these conductors are approximately 20 percent larger in area than 12AWG; and this extra gauge provides additional margin for loading of the neutral conductor.



L1 = Black Wire L2 = Red Wire
N = White Wire L3 = Black Wire

WIRING (POLARITY) DIAGRAM

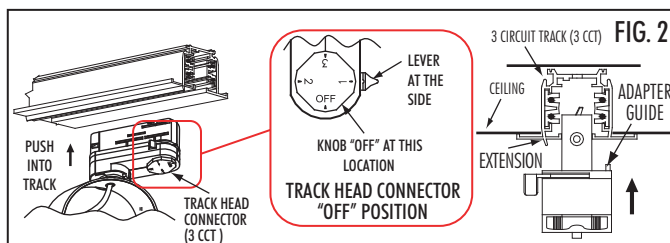
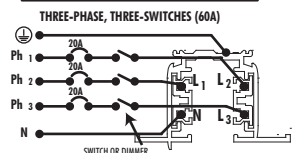


FIG. 2

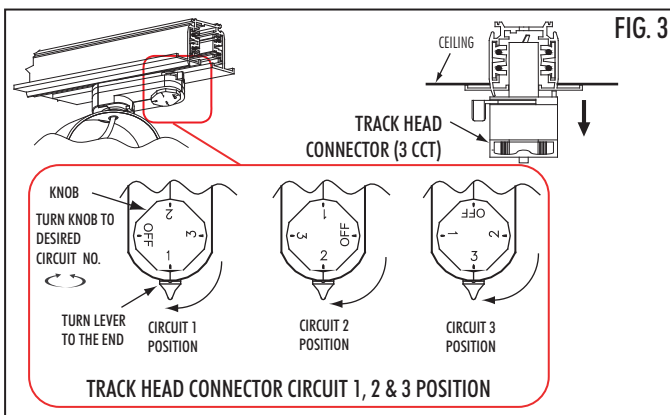


FIG. 3

Track Fixture Installation (120V - 277V AC):

WARNING: Always disconnect power before fixture installation, wiring or maintenance! **NOTE:** Check fixture and track voltage to make sure fixture voltage is within the range of track voltage before connecting fixture to track.

1. Remove the Live End (Power Feed, right or left) cover and plate and screw to expose wires (FIG. 1).
2. With the power off, connect the Cable to the Relative Terminal (See Wiring Diagram above).
3. Insert the Live End (Power Feed, right side shown FIG. 1) into the 3 Circuit Track (3 CCT TRACK) using the Guide Lug (FIG. 1).
4. Fasten the Lock Screw till it fully locks with the Track (FIG. 1).
5. Use slots (3/16" x 11/32") in Track (or make holes in Track) to secure Track to ceiling with hardware and/or safety cable(s) (by others) as needed. Use Track as template/guide to mark hole locations on ceiling or wall.
6. Install, and secure, the 3 Circuit Track (3 CCT TRACK) to ceiling or wall using hardware (by other) and/or safety cable (by other) (FIG. 1). Do not allow hardware or cables in Track that may interfere with Track head(s) or any Track live parts (FIG. 4, Page 2 of 2). Replace plate and screw on Live End to cover hole in ceiling (FIG. 1).
7. On the fixtures 3 circuit (3 CCT) Track Head Connector make sure the Lever is on the side and the Knob is in the "OFF" position" (FIG. #2). Do NOT install the fixture track head into the track if the Track Head Connector is NOT in this position.
8. Align the fixture Track Head to the 3 CCT Track so that the Adapter Guide is opposite side of the Track Extension (FIG. 2).
9. Install the fixtures Track Head Connector into the Track (FIG. 2) at the desired location and turn the Lever on the Track head to the end of the Track Head (FIG. 3).
10. Turn the Track Head Knob to the desired circuit position (FIG. 3).
11. To remove the fixture Track Head Connector from the Track disconnect power (see above WARNING), and reverse steps 9 and 10 above by turning the Knob to the "OFF" position and then push Lever to the side of the Track Head Connector (FIG. 2).

SAVE THESE INSTRUCTIONS

CATALOG # LP3 Series Recessed Track Mount Connector with 3 Circuit, 1 Neutral (3CCT/1N) Track

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.

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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.

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LED Fixtures:

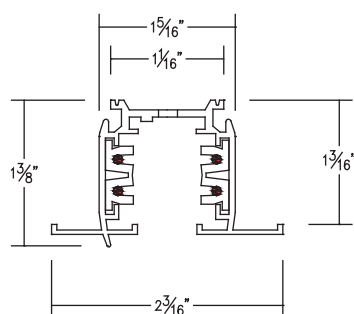
RELAMPING:

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

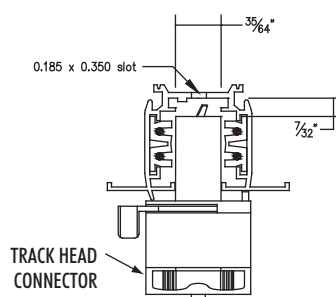
Install LED fixture(s)/LED driver(s) only on their own circuit. Do not mix any other products (Incandescent, Compact Fluorescent, H.I.D. products/fixtures, etc...) with LED fixture(s)/LED driver(s) on a single circuit.

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.



RECESSED TRACK SIZE



SCREW SPACE - FOR SCREWS (BY OTHERS)
WITH TRACK HEAD INSTALLED IN TRACK

FIG. 4

INSTALLATION EXAMPLES (YOUR INSTALLATION MAY DIFFER)

