

CATALOG # : LCALDJ2 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.

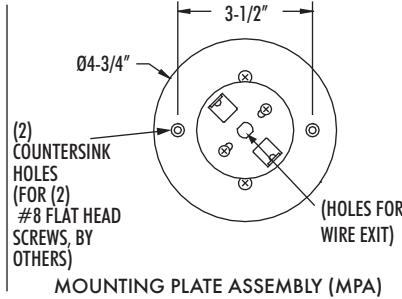
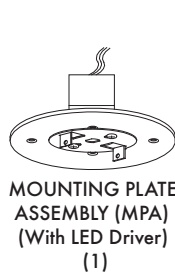
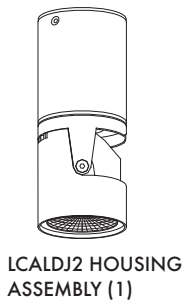
Do not use any other electrical equipment (example: surge protector photocell, etc.) that is not (rated) for use with LED fixture(s)/LED driver(s) on the same circuit as LED fixture(s)/LED driver(s).

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 (LCALDJ2)

Components Dimensions

Tools Required



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

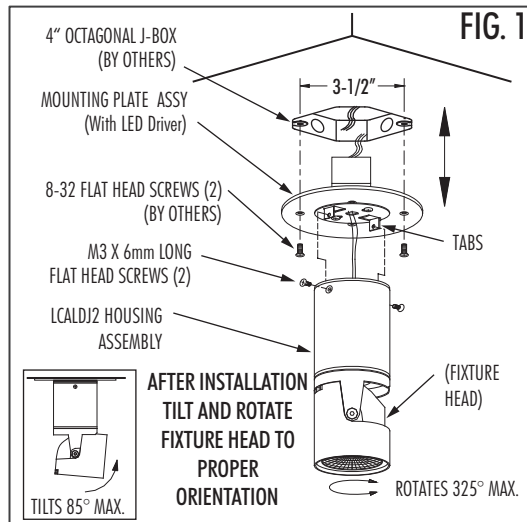


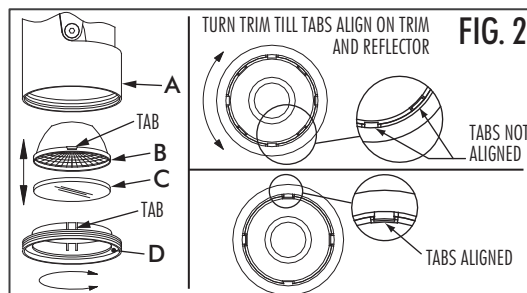
FIGURE 1: FIXTURE INSTALLATION (CEILING MOUNT ONLY)

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.



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 LCALDJ2 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.

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CATALOG # :LCALDJ2 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.

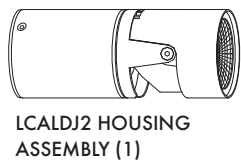
Do not use any other electrical equipment (example: surge protector photocell, etc.) that is not (rated) for use with LED fixture(s)/LED driver(s) on the same circuit as LED fixture(s)/LED driver(s).

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 (LCALDJ2)

Components Dimensions

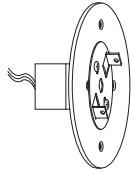
Tools Required



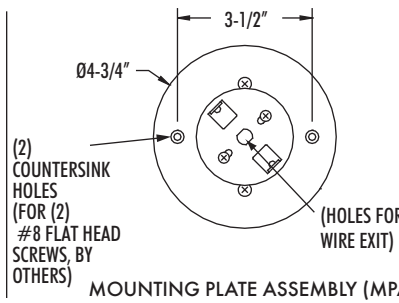
LCALDJ2 HOUSING
ASSEMBLY (1)



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.

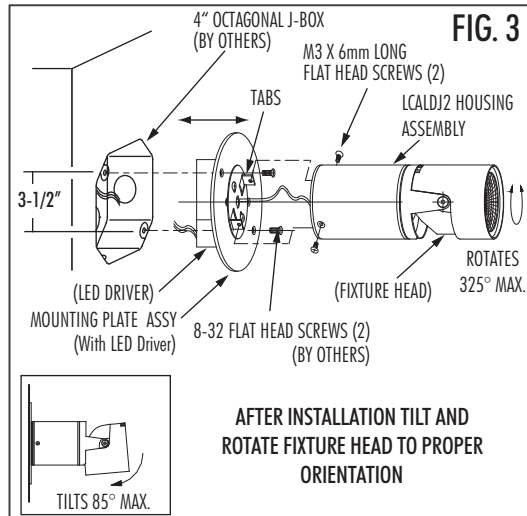


FIG. 3

FIGURE 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.

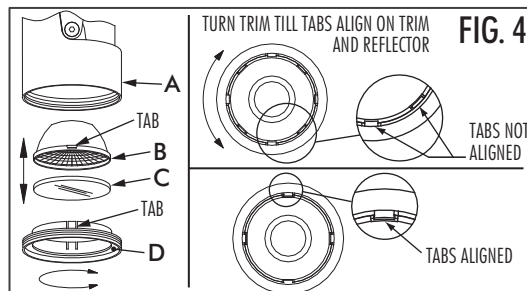


FIG. 4

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 LCALDJ2 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.

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CATALOG # : LCALDJ2 Track Mount with Single (1CCT) or Dual (2CCT) Circuit Track

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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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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:

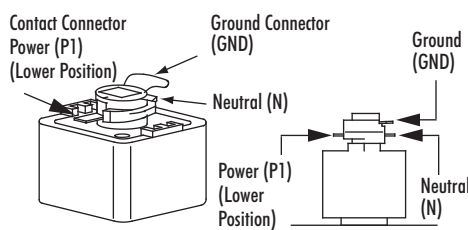
Return fixture to Liton for servicing/replacing LED and LED drivers, as required.

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.

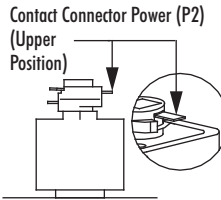
Do not use any other electrical equipment (example: surge protector photocell, etc.) that is not (rated) for use with LED fixture(s)/LED driver(s) on the same circuit as LED fixture(s)/LED driver(s).

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.

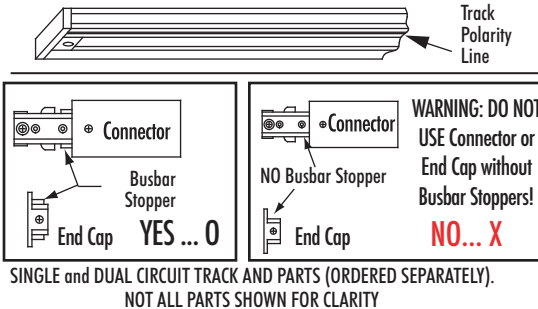
Components/Parts LPTM4 Track Mount w/ Single Circuit Track(1CCT) or Dual Track (2 CCT) Tools Required



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

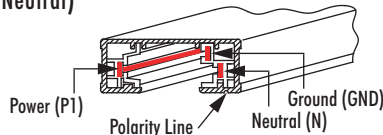


LPTM4: TRACK MOUNT
(In Upper Position - P2.
For use with only Dual Circuit Track)



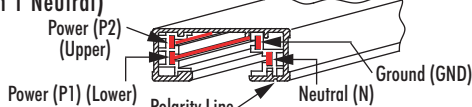
- No tools required.
- For single and dual circuit track parts installation see Track Installation instructions.

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

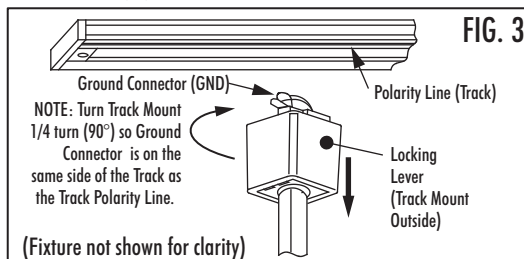


Use the LPTM4 Track Mount contact connector only in the Lower Position (P1, see above) with Single Circuit Track (see above). The power comes from POWER (P1).

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 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).

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FOR USE WITH LITON LP2 SERIES TRACK SYSTEM ONLY

SAVE THESE INSTRUCTIONS

CATALOG # : LCALDJ2 - LP2 Series 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.

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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.

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:

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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 Track System with 2 Circuit Track (2 CCT/2N) Only

LATS (2 CCT) TRACK WIRING DIAGRAM

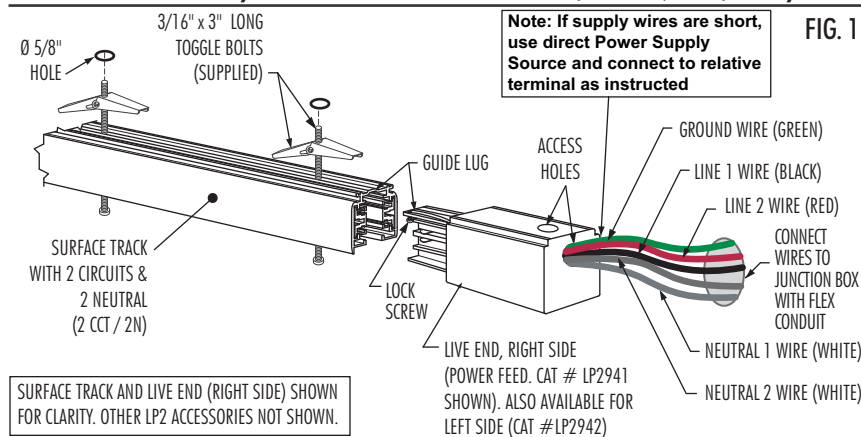
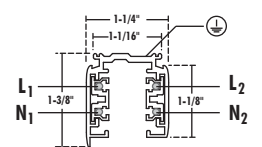


FIG. 1

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

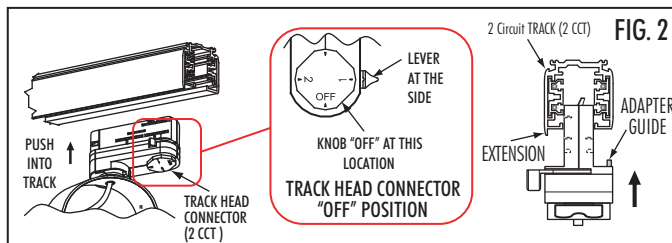
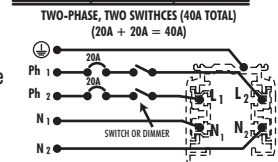


FIG. 2

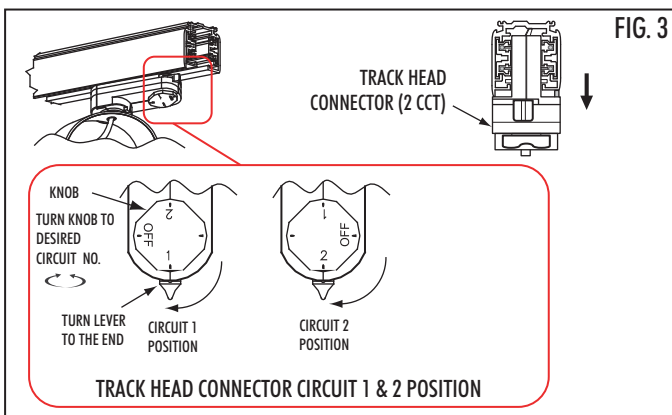


FIG. 3

Track Fixture Installation (120V AC):

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

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 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 the supplied 3/16" x 3" long Toggle Bolts (FIG. 1).
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).

FOR USE WITH LITON LP3 SERIES TRACK SYSTEM ONLY

SAVE THESE INSTRUCTIONS

CATALOG # : LCALDJ2 - LP3 Series Track Mount Connector with 3 Circuit, 1 Neutral (3CCT / 1N) Track

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

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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:

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

LATS (3 CCT) TRACK WIRING DIAGRAM

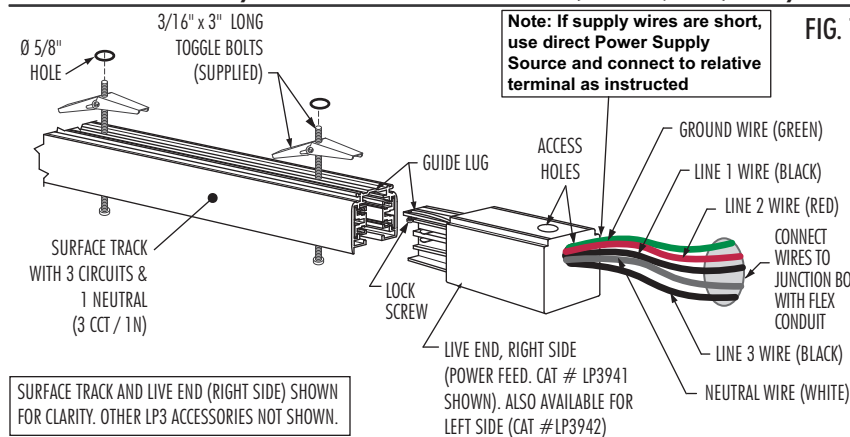
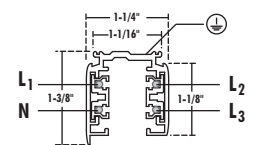


FIG. 1

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

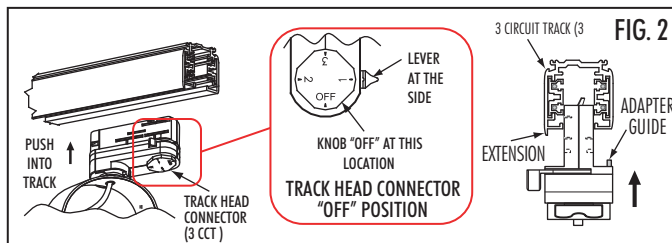
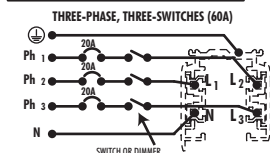


FIG. 2

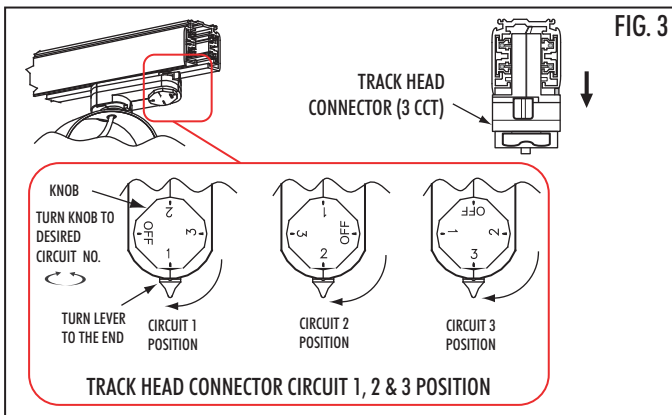


FIG. 3

Track Fixture Installation (120V AC):

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

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 3 Circuit Track (3 CCT TRACK) to ceiling or wall using the supplied 3/16" x 3" long Toggle Bolts (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).