

Indoor Installation for Type Non-IC (Dry Location)

FOR USE WITH LITON LP3 SERIES SURFACE TRACK SYSTEM ONLY

## 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.

**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**

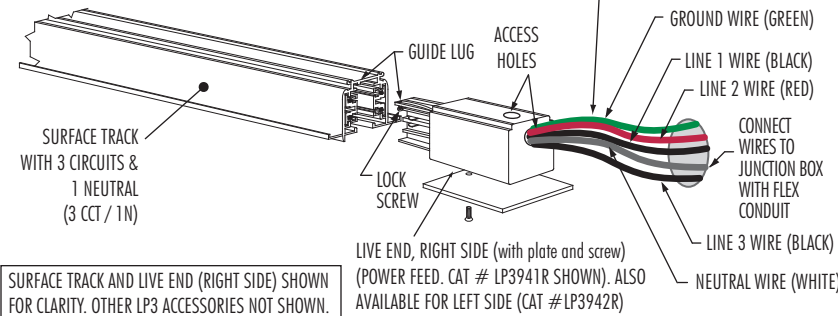
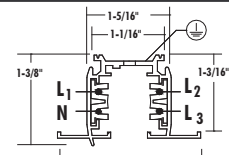


FIG. 1

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.



L<sub>1</sub> = Black Wire L<sub>2</sub> = Red Wire  
N = White Wire L<sub>3</sub> = Black Wire

#### WIRING (POLARITY) DIAGRAM

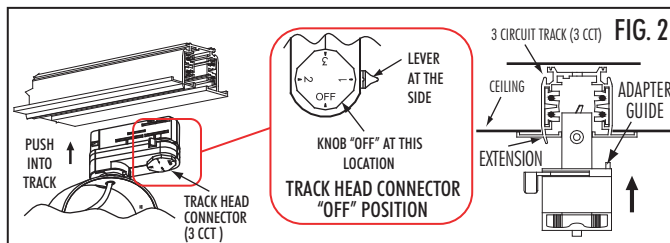
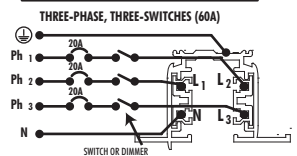


FIG. 2

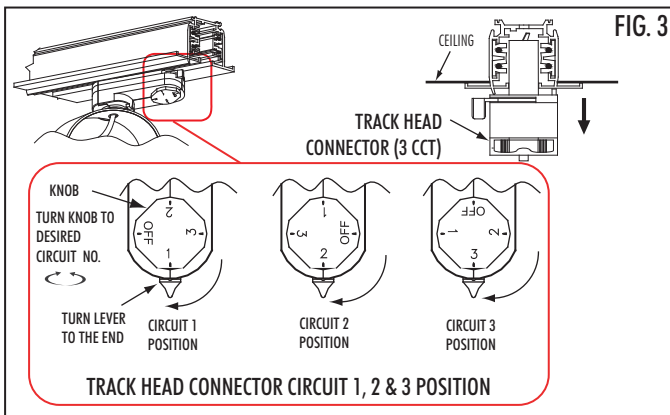


FIG. 3

#### 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).

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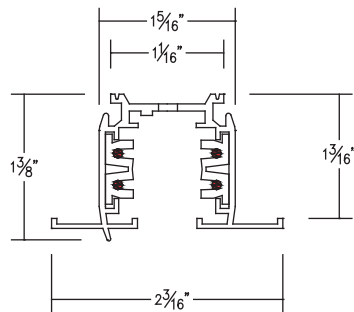
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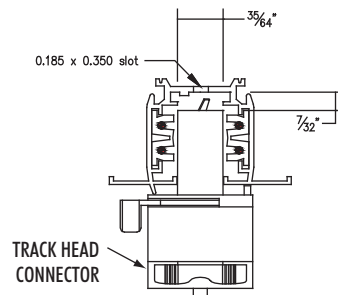
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RECESSED TRACK SIZE



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

FIG. 4

### INSTALLATION EXAMPLES (YOUR INSTALLATION MAY DIFFER)

