

# TRACK

## RECESSED MOUNTED TRACK



### INSTALLATION

#### IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE INSTRUCTIONS.

#### A. WARNING

Before beginning any installation, disconnect electrical power at main switch or circuit breaker.

To reduce the risk of fire, electric shock, and potential damage to track assemblies when electrical power is re-connected, **DO NOT ATTEMPT TO CONNECT** the following on branch circuit serving track assemblies:

- Motors
- Power tools
- Extension cords
- Appliances or similar electronics

#### B. CAUTION

This product must be installed in accordance with applicable electrical and installation codes by a person familiar with the construction and operation of the product and the hazards involved.

"CAUTION - RISK OF FIRE".

#### C. SAFETY INSTRUCTIONS

1. Read installation instructions completely before attempting installation.
2. Failure to follow instructions may result in improper installation and void warranty.
3. Contact Lucifer Lighting Company with any questions or concerns before beginning any installation.
4. Ensure qualified electrician will perform all electrical procedures.
5. Disconnect electrical power circuit before attempting to install track, or if adding to or changing track configuration.

6. When fixture is on for long periods track head surfaces will be hot. Take care when making adjustments.
7. Track systems may be installed in dry / damp locations only.
8. Do not install any part of a track system closer than 6" (152mm) from curtains, exotic veneers, or similar combustible or heat-sensitive materials.
9. Do not install any part of a track system less than 5 feet (1.524m) above the floor

#### D. DESCRIPTION

Recessed mounted track assemblies available with various connectors for continuous track assemblies. Track assemblies are compatible with all Lucifer Lighting track heads, specified separately.

#### E. MOUNTING

Track assemblies may be mounted to any horizontal surface accommodating 5/8" sheetrock and must be installed during rough-in. Track and track connectors specified separately according to field application conditions.

#### F. POWER

Track assemblies must utilize a panel based current limiter, supplied by others, when required by local codes. Available for use with 120V single circuit only. Track powered via live feed connectors (3/8" flex/MC cable or romex). At least one live feed connector must be selected to provide power to track assembly.



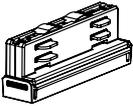
## G. CONNECTORS

Power provided to track assembly via live feed connectors. Track assembly should be laid out to verify conductors and busbar are properly aligned prior to installation, see section I.

**Note:** Connectors are secured to track sections, do not drill through connectors.

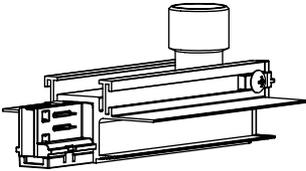
### 1. TRACK JUMPER

Track jumper joins two straight track sections.

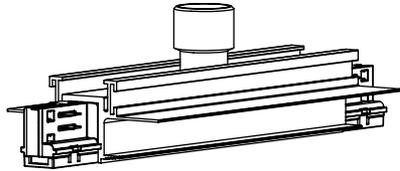


### 2. LIVE FEED CONNECTORS

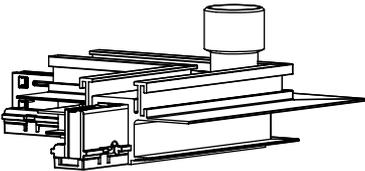
Variety of live feed connectors available and specified separately.



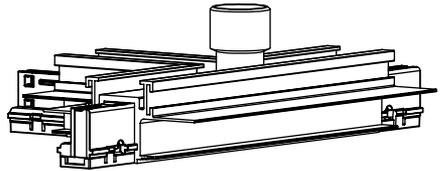
End Connector



Inline Connector

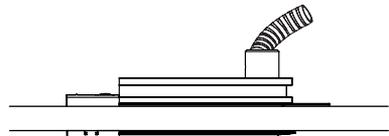
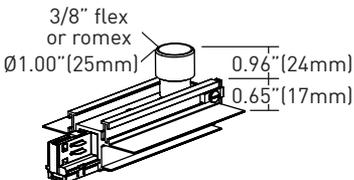


Corner Connector



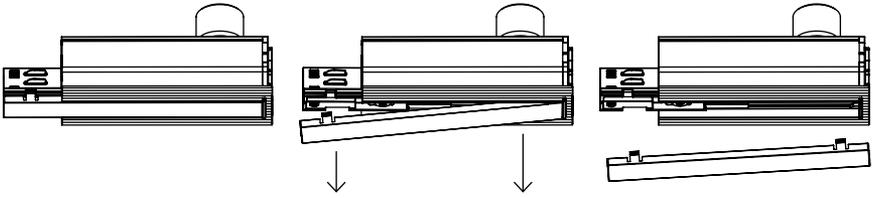
T Connector

Connector barrel accepts 3/8" flex/MC cable or romex with supplied strain relief grommet. Recommend 12 or 14 gauge wires.

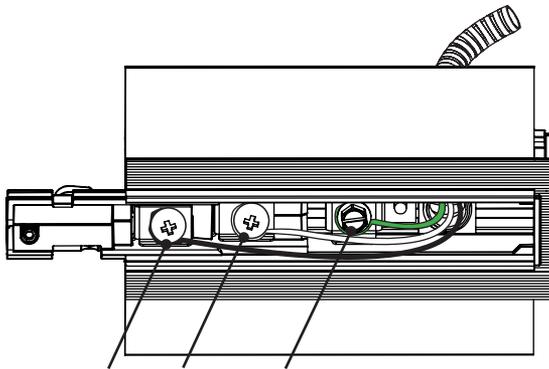


## H. WIRING

Gently pull down to release connector cover.

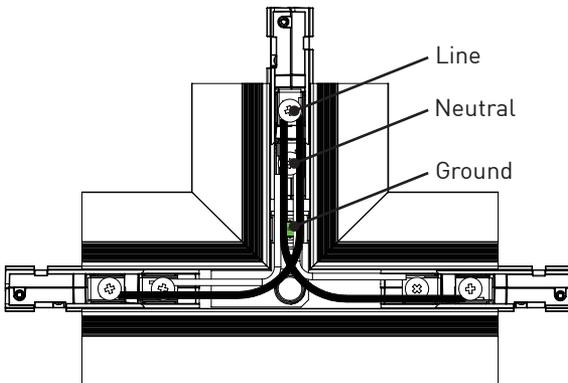


With bottom cover removed, bring line, neutral and ground wires into track connector. Loop wire in clockwise manner around screw and tighten firmly. With wires secure, replace bottom cover. Make connections on all other connectors as applies



Line Neutral Ground

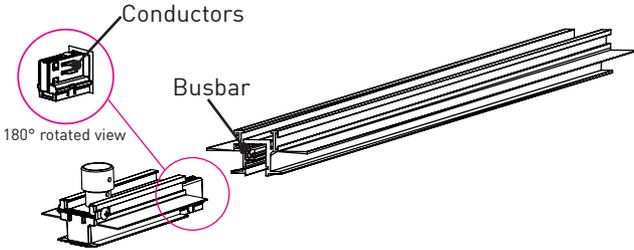
Black - Line  
White - Neutral  
Green - Ground



# I. TRACK INSTALLATION

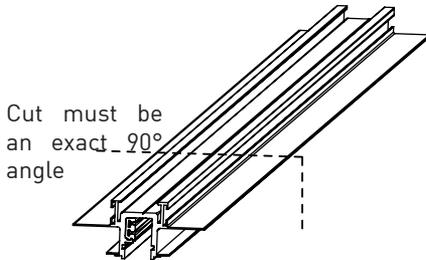
## 1. TRACK LAYOUT

Track sections available in 4' and 8' field cuttable lengths. Track assembly should be laid out to verify conductors and busbar are properly aligned prior to installation.

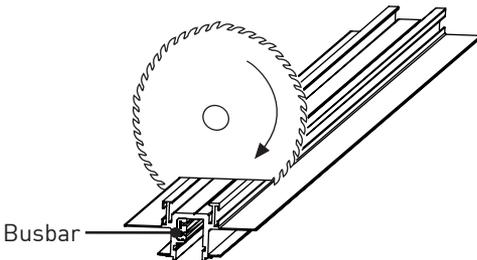


## 2. FIELD CUTTING

Using a chopsaw with fine tooth blade, cut track to desired length.

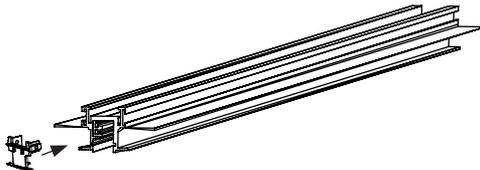


Ensure rotation of saw blade is directed towards busbar.



## 3. END CAP

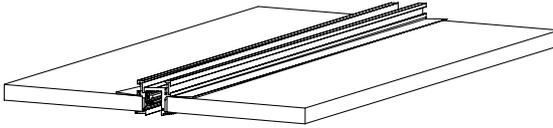
Install end caps as needed with supplied screws.



#### 4. MOUNTING

Track sections to be installed during rough-in of 5/8" sheetrock. Track sections install between sheetrock and must have additional support.

**Note:** If track section runs perpendicular to joists, ensure adequate space is provided for track sections.

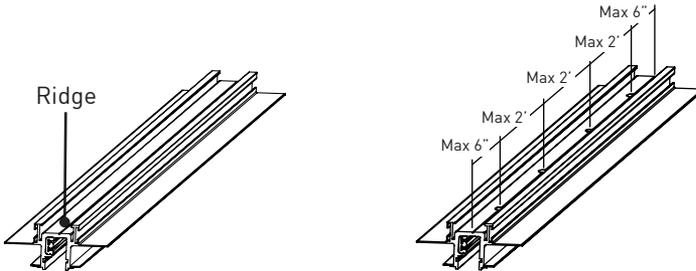


#### 4A. MOUNTING TO JOIST

Track sections require 2 mounting holes spaced a maximum of 6" (152mm) from the ends of the track section with additional mounting holes spaced every 2 feet along the length of the track section.

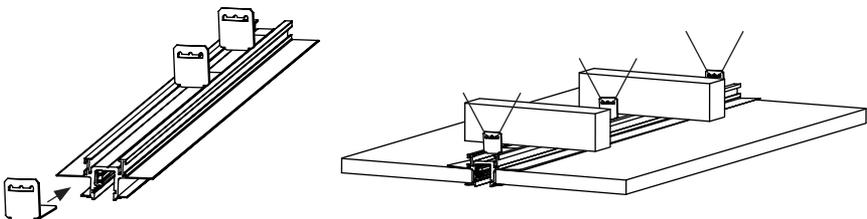
Using a 4" long (or longer) #4 (5/16") drill-point countersink (recommend McMaster-Carr# 2756A25), drill holes through top of track channel centered directly on ridge, removing any burrs produced from drilling; countersink holes from bottom of track channel. Secure to structure with appropriate screws.

**Note:** Do not damage busbar during drilling. If damaged, discard track section.



#### 4B. CABLE MOUNTING

Cable brackets specified separately. Evenly space brackets no more than 2 feet apart. Select appropriate tie wire and nail or wrap wire to structure.

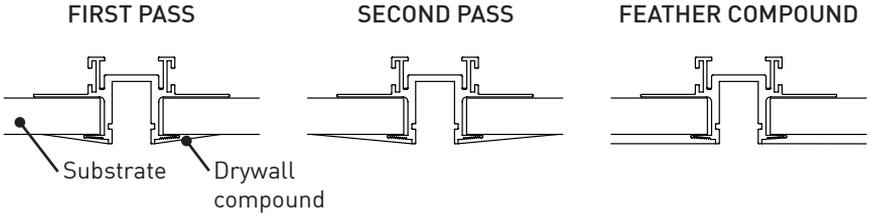


Recommend pinning top of track to framing to ensure track is level

## J. PLASTER FLOATING

Use floating knife to apply first pass of drywall compound and float area up to slightly below edge of plaster stop. Float out as far as necessary to hide flange and allow first pass of joint compound to dry.

After first pass is dry, apply second coat of drywall compound. Make surface as smooth as possible. Feather compound as you move away from plaster stop to give appearance of a perfectly flat ceiling. Allow drywall compound to dry fully and cure.

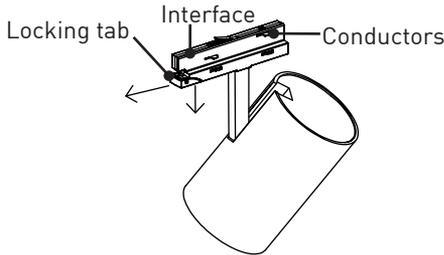


## K. PAINTING

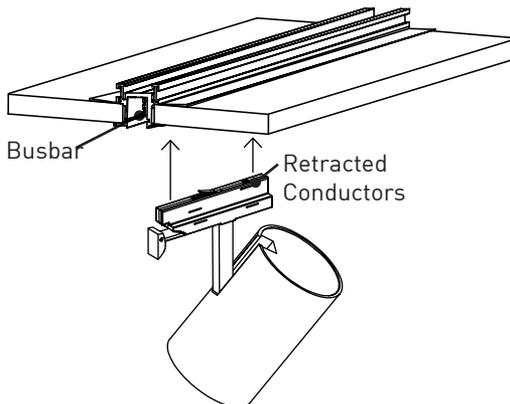
Busbar and interior of track must be protected prior to painting. Do not allow paint to contact busbar.

## L. TRACK HEAD INSTALLATION

Pull down on locking tab and slide out from interface to retract conductors.

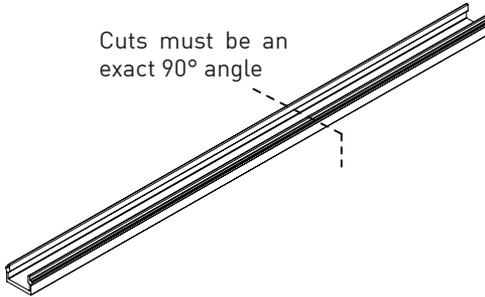


With conductors retracted and track head in a tilted position, align conductors with busbar and gently push track head adaptor into track section by applying even pressure to interface until both conductors engage busbar. Slide locking tab back into place. Reverse process to remove track heads by sliding locking tab open and pulling straight down on interface.

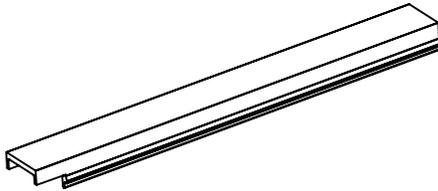


## M. TRACK GAP COVER INSTALLATION

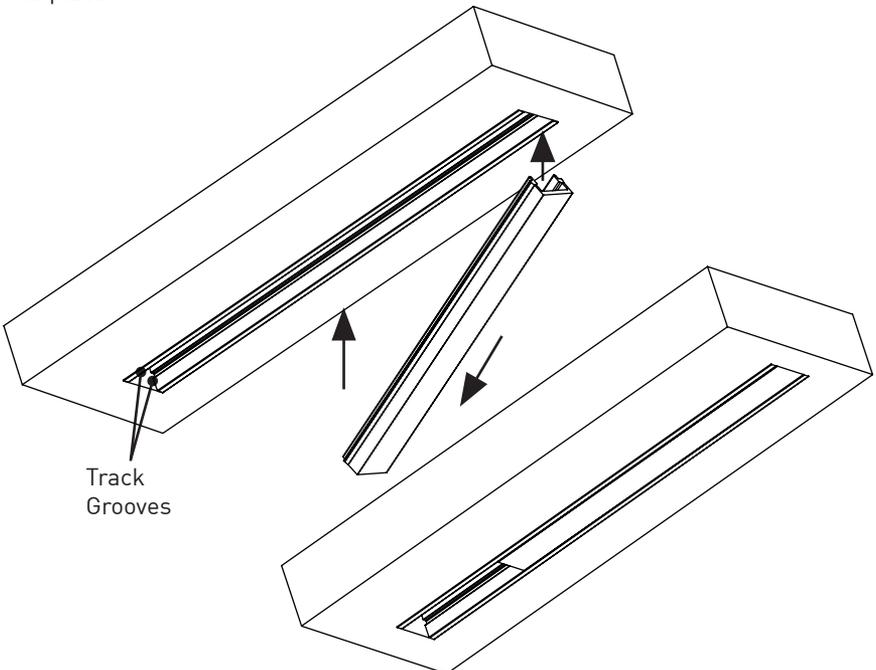
With trackheads installed measure the distance between trackheads and cut track gap cover to the required lengths. Ensure that a 0.50" gap is left in the track cover system to allow for removal of fixtures.



Cut a 1.25" notch into the end of the track gap cover that will be installed over the dead end fitting.



Snap one end of cover into the track grooves and carefully snap the rest of cover into place.



# LIMITED WARRANTY

LUCIFER LIGHTING COMPANY (Seller) warrants that for a period of one (1) year from date of sale to the first non-retail purchaser, Seller will repair or replace, at the Seller's sole option, free of charge, any defective products purchased from Seller provided that prior authorization is obtained from the Seller and the products are sent prepaid to the Seller's manufacturing facility. Lamps are not warranted or guaranteed in any manner for any length of time, except LED lamp modules and power supplies used in Seller's recessed, surface mount and exterior lighting fixtures, are warranted to operate with 70% lumen maintenance from the date of sale by Seller for five (5) years. LED MR-16 style lamps supplied by Seller are only warranted as provided by their original maker. Please refer to the following limiting conditions.

1. The Citizen, Bridgelux, Xicato, Sharp and Lumenetix LED lamp modules provided by Seller are only suitable for use in ceiling or plenum conditions where the maximum operating temperature of the module does not exceed 90°C (194°F) and/or the ambient temperature does not exceed 40°C (104°F) or lower threshold as featured on Seller's product specification literature.
2. These terms only cover the power supply (if purchased from Seller) and Citizen, Bridgelux, Xicato, Sharp, and Lumenetix LED modules.
3. If installed outdoors, the power supply must always be shielded from direct sunlight. The power supply cannot be installed in areas where liquids may pool.
4. The end user must ensure that the AC input voltage has measures in place to prevent lightning strike surges and that large load shift surges are reduced or eliminated prior to the input of the power supply. Power supplies returned with this type of damage are not covered under Seller's Limited Warranty.
5. Seller reserves the right to physically evaluate the LED module and driver supplied by Seller for compliance with these conditions. An end user's refusal to return such fixture articles shall void Seller's Limited Warranty.
6. The LED module will be considered in working condition and therefore not warrantable if it meets or exceeds 70% of its original flux and remains within a range of 3 duv.
7. The color temperature of the Citizen, Bridgelux, Xicato, Sharp and Lumenetix LED module is guaranteed to remain within a range of 3 duv for a period of five (5) years from date of sale by Seller.
8. Any tampering or disassembly of the LED module or LED heat-sink assembly without Seller's prior written consent will immediately void the warranty.

Where Seller's fixtures are used in conjunction with drivers/power supplies sourced by others and/or where POE (power over ethernet) systems are present, Seller's warranty will only apply to the Seller supplied lighting fixtures. In all instances where drivers/power supplies and/or POE are by others, the responsibility to confirm the selected power supply(s) conforms to operating parameters of Seller's fixtures shall be the responsibility of others. Approved parameters (involving voltage, current, and power quality for the selected fixtures and outputs) will be provided by Seller upon request, however the parameters should not be considered exhaustive for the purpose of the warranty and represents a good faith effort by Seller to support its customers. All warranty claims are subject to Seller's review and if Seller determines the root cause of the issue involves supplied power supply(s) by others, Seller's warranty shall not be applicable. Further, in such events of supplied power supply(s) by others, Seller makes no guarantee as to nature operating performance (startup time, flicker, shimmer, pop-on/pop-off, dimming, etc.). In no event shall Seller's obligations under this warranty extend beyond the initial cost of the products and, accordingly, consequential damages arising out of any claimed product defect are expressly excluded. This Warranty does not cover the costs, if any, in re-installation of products serviced under this Warranty. This Warranty does not cover damage or failure caused by acts of God, abuse, misuse, abnormal usage, or use in violation of any applicable standard, code or instructions for use in installations including those contained in the latest National Electrical Code (NEC), the standards for safety of Underwriters Laboratory, Inc. (UL), standards for the American National Standards Institute (ANSI) or, in Canada, the Canadian Standards Association (CSA), or, in the European Union, the Conformaté Européenne (CE Marking), faulty installation, or any repairs or modifications other than those made by the Seller. This Warranty does not cover damage or failure caused by abnormal spikes in power, dirty power, and light fixtures used with power supplies or other products not supplied by Seller, nor shall it apply to defects for which written notice thereof is not received by Seller.

In the event that any of the terms of this Warranty are in conflict with any rule of law or statutory provision or otherwise unenforceable under the laws or regulations of any government or subdivision thereof, such terms shall be deemed stricken from this Warranty, but such invalidity or unenforceability shall not invalidate any of the other terms of this Warranty and this Warranty shall continue in force.

EXCEPT AS TO SELLER'S WARRANTY OF REPAIR OR REPLACEMENT SET FORTH ABOVE, THERE ARE NO UNDERSTANDINGS, AGREEMENTS, REPRESENTATIONS, OR WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ANY REGARDING THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT, AND ANY WARRANTIES ARISING FROM A COURSE OF DEALING, USAGE, OR TRADE PRACTICE), RESPECTING LUCIFER LIGHTING COMPANY PRODUCTS. THIS WARRANTY IS THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY AGAINST THE SELLER FOR THE REPAIR OR REPLACEMENT AT SELLER'S OPTION OF DEFECTIVE LUCIFER LIGHTING PRODUCTS. UNDER NO CIRCUMSTANCES SHALL SELLER BE LIABLE FOR ANY LOSS OR DAMAGE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OF, OR INABILITY TO USE, THE PRODUCTS SOLD HEREUNDER.

For service under this warranty, please provide the original date of sale and nature of difficulty being experienced. All service matters should be directed to:

[020320]

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**LUCIFER**  
LIGHTING COMPANY

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