

# 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. VOLTAGE AND POWER FEEDS

Track is available for use with 120V 60hz and 240V 50hz systems. At least one live feed connector must be selected to provide power to track assembly. Current limiters available, where required by energy code or specification criteria.

**LUCIFER**<sup>®</sup>  
LIGHTING COMPANY



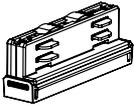
## G. CONNECTORS

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.

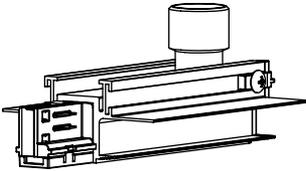
### 1. TRACK JUMPER

Track jumper joins two straight track sections.

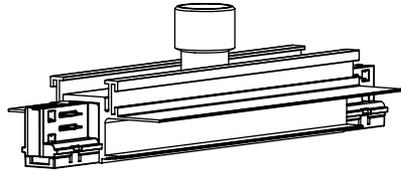


### 2. LIVE FEED CONNECTORS

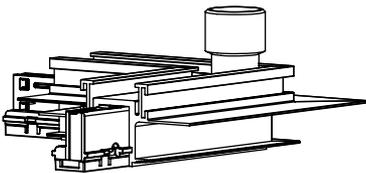
Variety of live feed connectors available and specified separately.



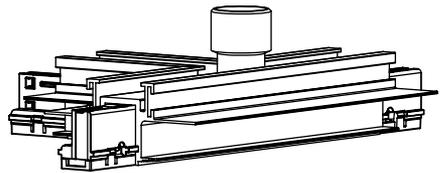
End Connector



Inline Connector

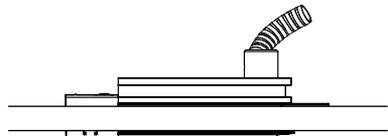
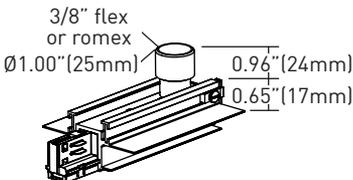


Corner Connector



T Connector

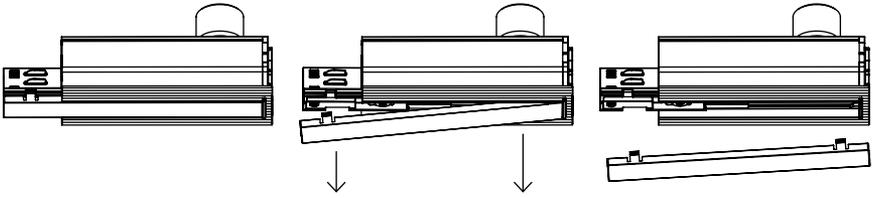
Connector barrel accepts 3/8" flex/MC cable or romex with supplied strain relief grommet. Recommend 12 or 14 gauge wires.



## H. WIRING

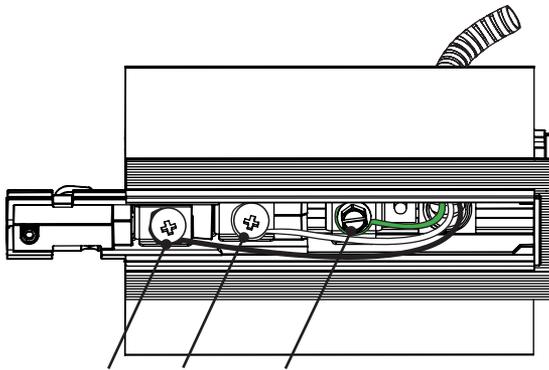
### 1. REMOVE COVER

Gently pull down to release connector cover.



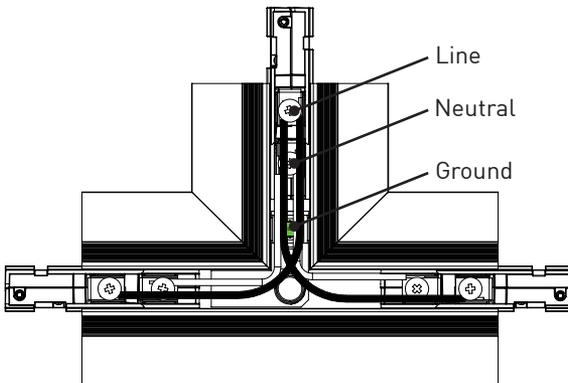
### 2. CONNECT WIRING

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

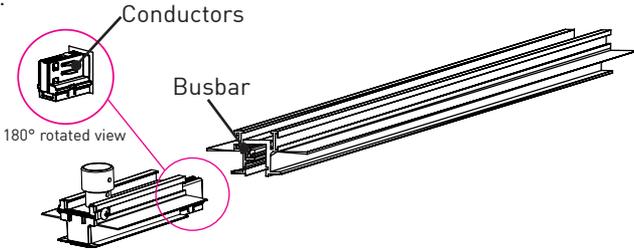


# I. TRACK INSTALLATION

**Wallwash:** Factory recommends track utilized with wallwash trackheads be mounted at 36" setback from wall plane, and trackheads be spaced at 36" on center.

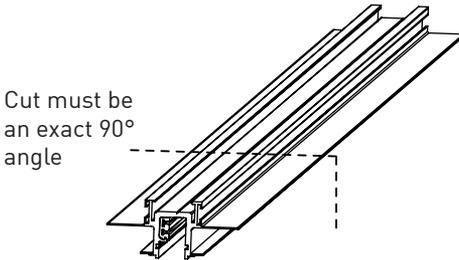
## 1. TRACK LAYOUT

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.

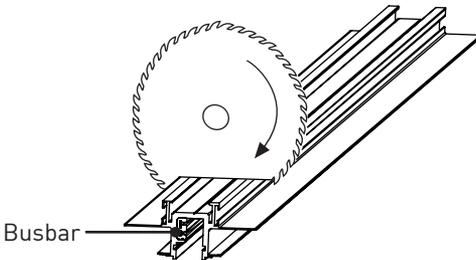


## 2. FIELD CUTTING

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

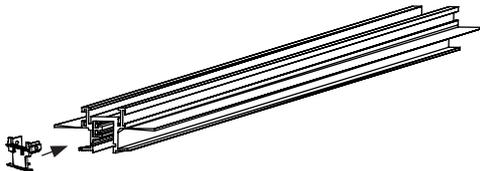


Ensure rotation of saw blade is directed towards busbar.



## 3. END CAP

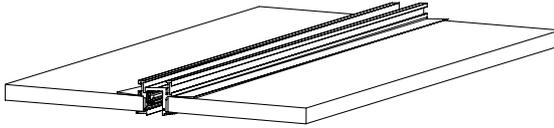
Install end caps as needed with supplied screws.



#### 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.

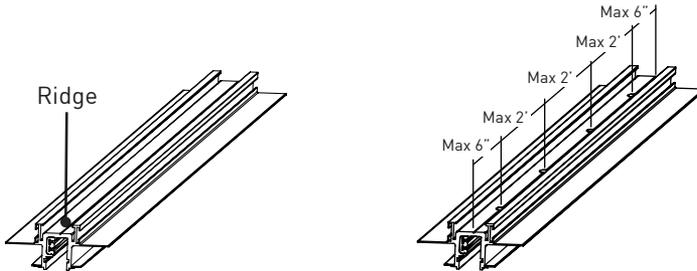


#### 4A. MOUNTING TO JOIST

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.

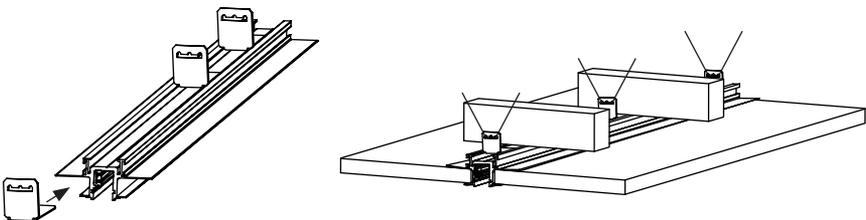
Using a 4" long (or longer) #4 (5/16") drill-point countersink (recommend McMaster-Carr# 2756A25), drill holes through top of track channel centered directly on ridge, removing any burrs produced from drilling; countersink holes from bottom of track channel. Secure to structure with appropriate screws.

**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.



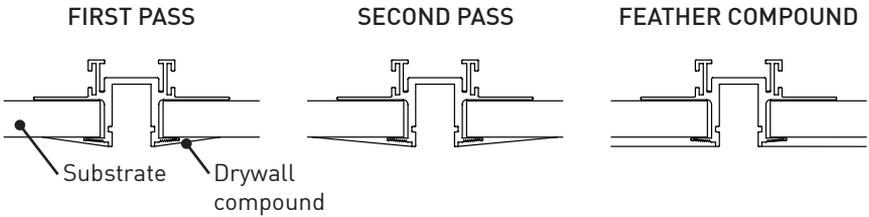
Recommend pinning top of track to framing to ensure track is level.

## J. PLASTER FLOATING

### 1. FLOAT

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

### 1. PAINT

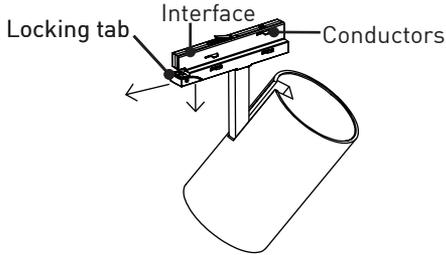
Busbar and interior of track must be protected prior to painting. Do not allow paint to contact busbar.

## L. TRACK HEAD INSTALLATION

**Wallwash:** Factory recommends track utilized with wallwash trackheads be mounted at 36" setback from wall plane, and trackheads be spaced at 36" on center.

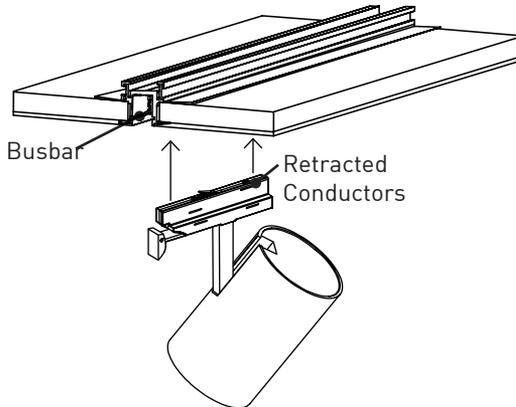
### 1. RETRACT CONDUCTORS

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



### 2. INSTALL TRACKHEAD

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



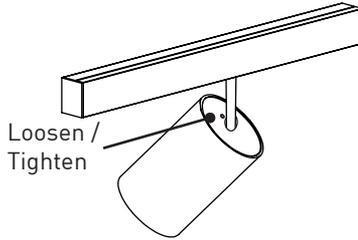
## M. TRACK HEAD ADJUSTMENT

### 1. CT1 ADJUSTMENT

Loosen hex screw with 1/16" allen wrench. Adjust trackhead as required and tighten hex screw.

CT1: Tilts up to 60° and rotates 370°.

Wallwash: Factory recommends 15° tilt for optimal performance.

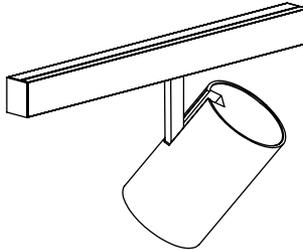


### 2. CT2 ADJUSTMENT

Employs toolless friction locking, adjust trackhead as required.

CT2: Tilts up to 90° and rotates 370°.

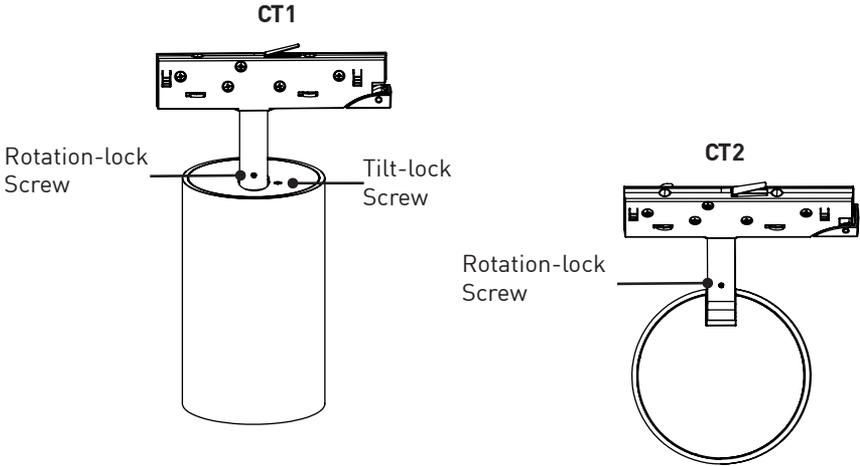
Wallwash: Factory recommends 15° tilt for optimal performance.



## N. WALL MOUNT

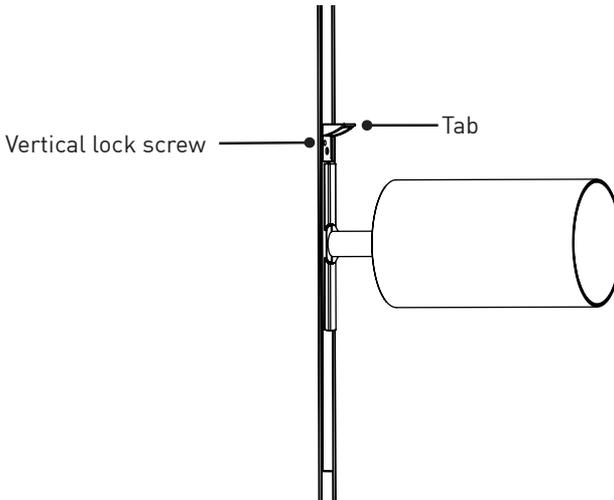
### 1. LOCK ROTATION

Once the track head has been aimed, tighten rotation-lock screw utilizing supplied .050" Allen tool. Track head may need to be tilted to tighten rotation-lock screw and can be tilted back into place after it is tightened. Tighten 1/16" tilt-lock allen screw on CT1 track heads upon completion.



### 2. VERTICAL LOCK

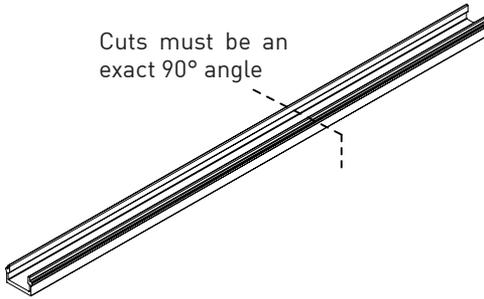
Once track head adjustments are complete, flip locking tab out and tighten vertical locking screw utilizing supplied 1/16" Allen tool.



## 0. TRACK GAP COVER INSTALLATION

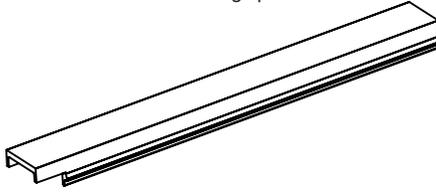
### 1. CUT GAP COVER

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.



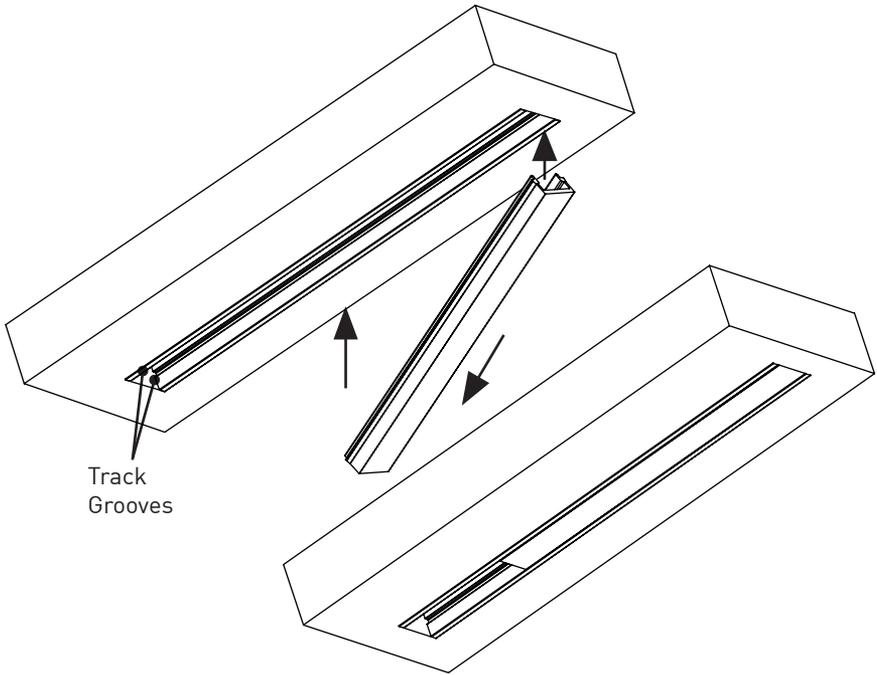
### 2. CUT NOTCH

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



### 3. INSTALL GAP COVER

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



Please consult website for full warranty terms and conditions:

[www.luciferlighting.com/warranty](http://www.luciferlighting.com/warranty)

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