

Installation Instructions

277V Track System

READ PRIOR TO ATTEMPTING INSTALLATION
ALWAYS TURN OFF MAIN POWER BEFORE INSTALLATION
INSTALLATION SHOULD BE CARRIED OUT BY YOUR LOCAL ELECTRICIAN

⚠ WARNING - This equipment is intended to be installed only by qualified personnel. The installation must be made in accordance with the current edition to the National Electric Code and all applicable state and local building codes. The final installation must be approved by the appropriate qualified electrical/building inspector(s). Improper installation may result in a fire or electrical hazard. Be sure the electrical power to the circuit has been disconnected before installing this electrical system.

⚠ AVERTISSEMENT - Cet équipement est destiné à être installé uniquement par du personnel qualifié. L'installation doit être faite en conformité avec l'édition actuelle du Code national de l'électricité et toutes étatiques et locales codes du bâtiment applicables. L'installation finale doit être approuvée par l'inspecteur en électricité / bâtiment qualifié approprié(s). Une mauvaise installation peut entraîner un incendie ou un risque électrique. Soyez sûr de la puissance électrique vers le circuit a été coupée avant l'installation de ce système électrique.

⚠ IMPORTANT - To prevent wiring damage or abrasion, do not pinch or damage exposed wiring during installation and keep away from edges of sheet metal or other sharp objects

⚠ IMPORTANT - Risk of fire or electric shock

- Live end feed connector is for use with Two-Circuit track only
- Do not attempt to install or use until you read & understand the installation instructions & safety labels
- Verify power is off before installing or un-installing
- If feeding with electrical connectors do not use feed connector as a conduit support. Independent conduit supports must be used to attach the conduit to the building structure

- Observe polarity; feed connector is polarized and will only install into one end of the track. Align polarity arrow on feed connector toward track polarity line for proper installation
- Do not position luminare such that it touches the feed connector
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and hazards involved
- Do not make or alter any open holes in an enclosure of wiring or electrical components during installation
- Please retain these instructions for maintenance reference

IMPORTANT SAFEGUARDS

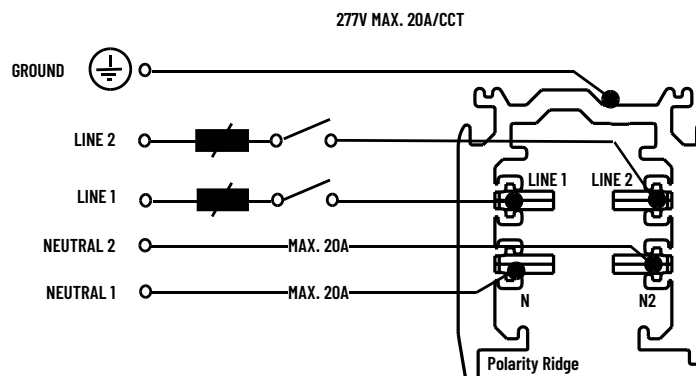
READ AND FOLLOW ALL SAFETY INSTRUCTIONS BEFORE INSTALLATION

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE WHEN ADDING FIXTURES OR CHANGING THE TRACK CONFIGURATION

WHEN USING INSTALLING THIS TRACK SYSTEM, SAFETY PRECAUTIONS SHOULD BE TAKEN AS FOLLOWED:

1. Read all of these installation instructions before installing the 277V track lighting system.
2. The 277V track system is intended for use with Nora Lighting components and fixtures marked for use with Nora Lighting's Track system.
To reduce risk of fire and electric shock, do not use other components as part of this system.
3. Track installation is to only be performed by a certified electrician in accordance with the National Electric Code and all local codes and ordinances.
4. Do not install the track in damp or wet locations.
5. Do not install any parts of the track system less than 8ft above the floor.
6. Do not install any fixtures closer than six inches from combustible materials.
7. Do not use this track with a power supply cord or convenience receptacle adapter.
8. Do not install the track with electric power connected. Similarly, disconnect electricity when installing or removing fixtures or components or changing the configuration of the track.
9. Do not attempt to energize anything other than Lighting Track Fixtures on the track.
To reduce the risk of fire and electrical shock, do not attempt to connect power tools, extension cords and appliances to the track.

ELECTRICAL CONNECTION



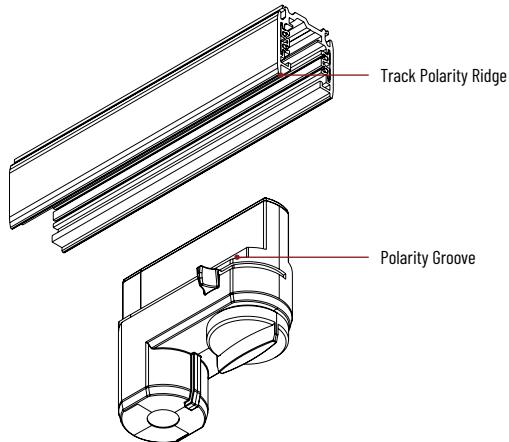
Installation Instructions

277V Track System

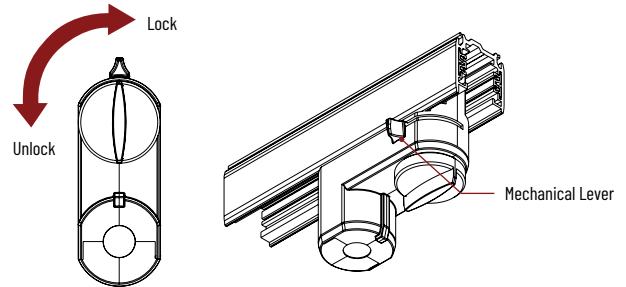
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INSTALLING AND REMOVING FIXTURES

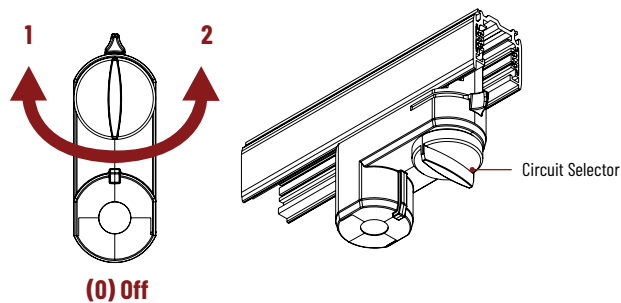
- 1** Align the polarity grooves on the adapter with the polarity ridge inside the track, then insert the adapter into the track until it snaps into place



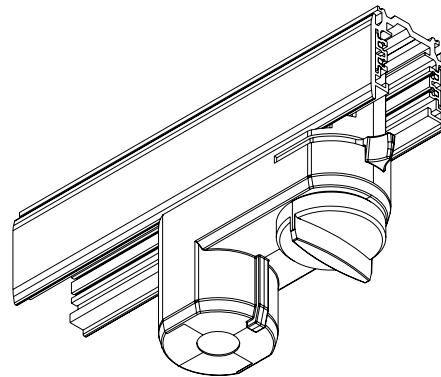
- 2** Turn the mechanical lever clockwise to lock or unlock the adapter in the track.



- 3** Turn the circuit selector knob to select the desired circuit



- 4** Installation complete.
Note: To remove the track luminaire from the track, set the circuit selector to (0) and move the mechanical lever to the unlock position.



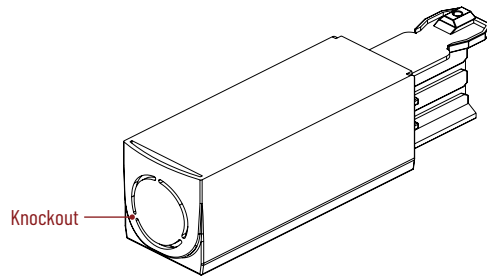
Installation Instructions

277V Track System

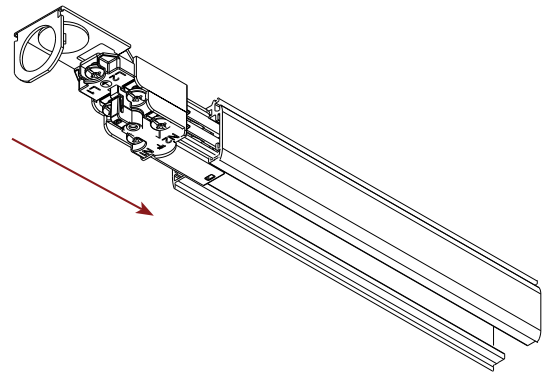
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JUNCTION BOX INSTALLATION

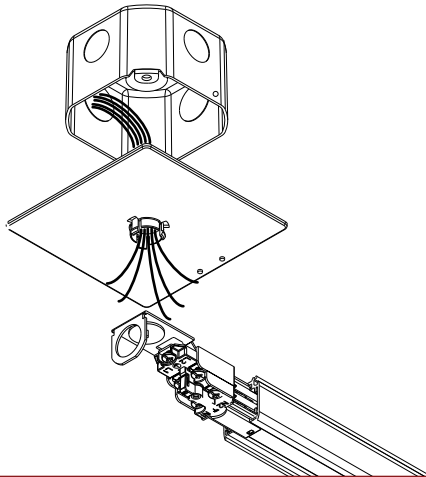
- 1** Remove the knock-out hole provided on the back side of the feed connector. Pass the supply, neutral and ground wires through the canopy cover.



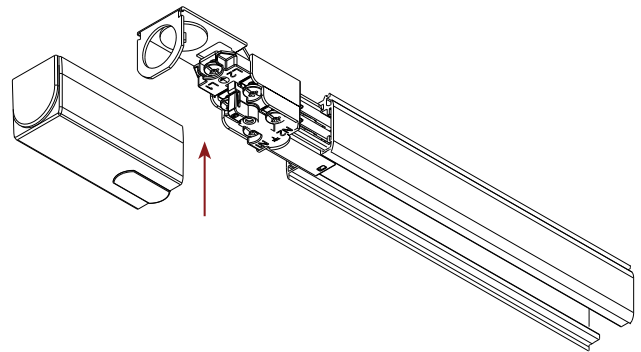
- 2** Attach feed connector to track.
(NOTE: Track is polarized and feed connector will only fit one end of track)



- 3** Pass wires through hole on feed and mount track to ceiling using toggle bolts or screws. Connect live conductors to the appropriate terminals. See Electrical Connections on page 1.



- 4** Replace feed connector cover plate.

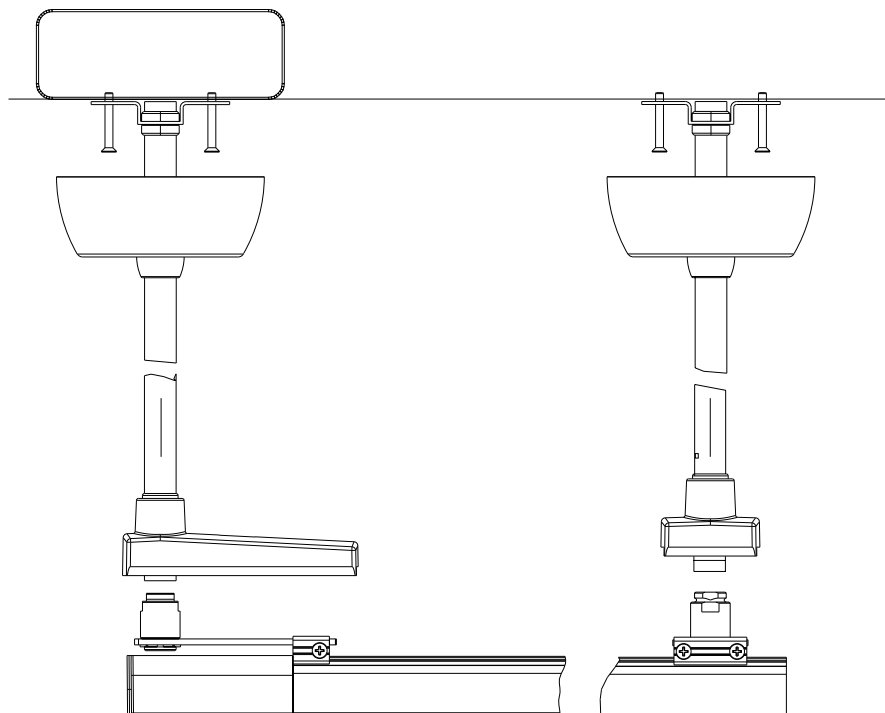


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PENDANT SUSPENSION



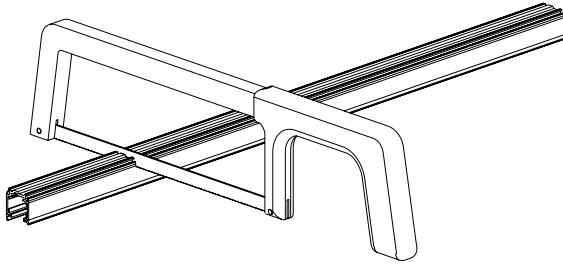
Installation Instructions

277V Track System

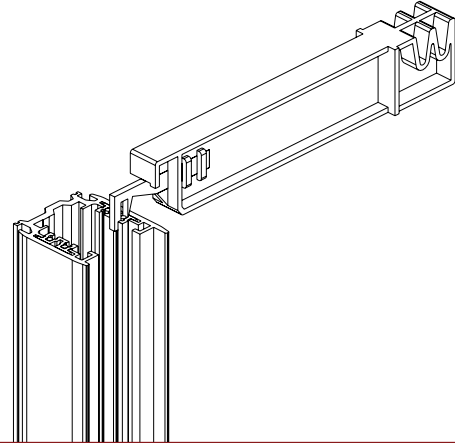
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FIELD CUTTING OF TRACK

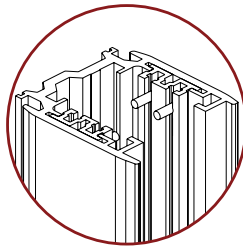
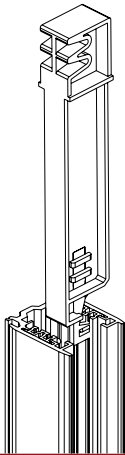
- 1** Carefully cut the track to length using a hacksaw or other metal saw. Ensure that the cut is clean and straight.



- 2** Insert the bending tool so that the track conductor fits in the outermost slot at the tip of the bending tool.

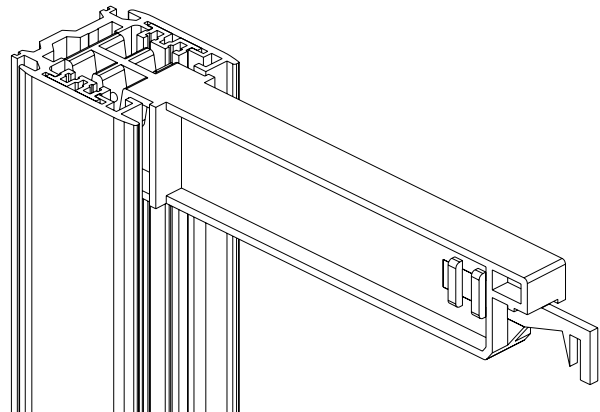


- 3** Rotate the bending tool 90° upward. Repeat steps 2 and 3 for all four conductors. Bent conductors should look similar to the factory finished ends, as shown.



Factory Finished End

- 4** Confirm correct bending by inserting the opposite end of the tool in the end of the track.



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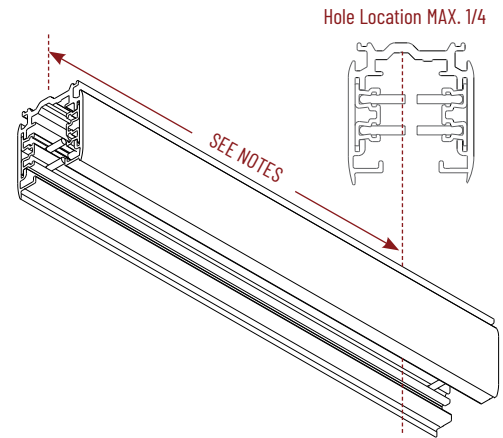
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FIELD CUTTING DRILLING OF MOUNTING HOLES

Use off-cut pieces with an existing mounting hole as template for new hole to be drilled. The drill bit should be no larger than 1/4" in diameter and should be centered in the groove in the bottom of the track. Remove burrs after drilling. Hole location should be in accordance with the note below.

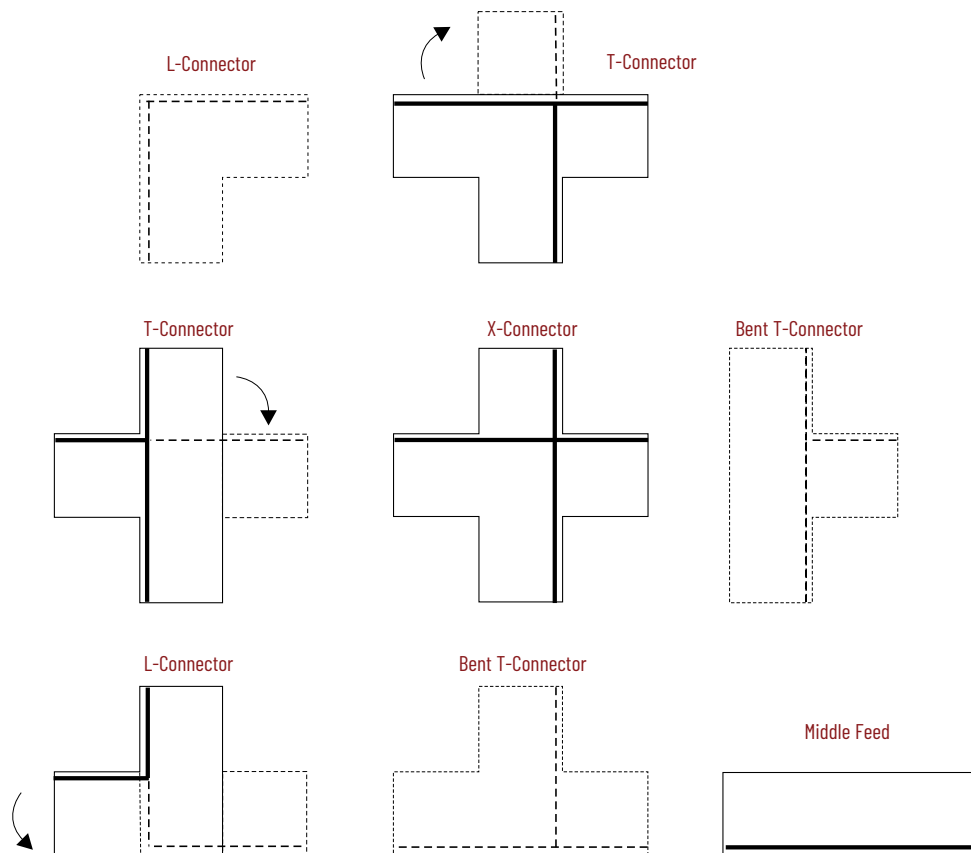
NOTE: A single section of the track that is 4 feet or less in length must have (1) mounting opening spaced a maximum of 6" from each end of the track section. Additional openings may be provided. A single section of the track that is greater than 4' in length is to be provided with mounting openings spaced a maximum of 12" from each end of the track section with additional openings provided a minimum of every 4' along the length of the track section.



FEEDING TRACK AT A CORNER CONNECTOR

text

NOTE: The track is polarize, so connectors can only be installed in the track in one direction. I,L,T,X Connectors are pre-wired, and should not be re-configured in the field. When requiring a turn in a different direction, or if an opposite T-connector is required, remove the cover and turn the connector as shown in the figures.



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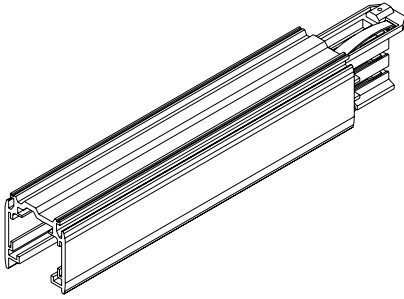
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INSTALLING CONNECTORS

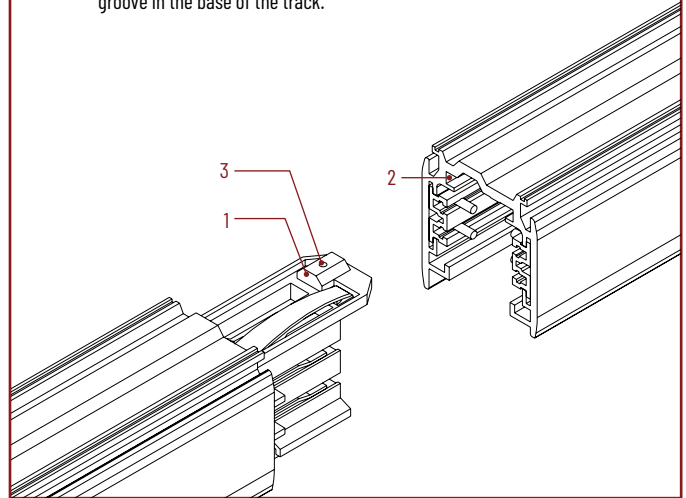
1

Select the correct connector to fit the end of the track.



2

Align the guide lug of the connector with the groove on the track. Insert the connector into the end of the track, ensuring that the guide lug enters the groove in the base of the track.



3

If the connection is too tight, loosen the lock screw until the connector slides in.

4

Once the connector is correctly inserted, tighten the lock screw.