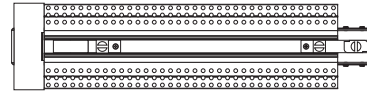




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## Installation Instructions for TruTrack Magnetic Two Circuit, Recessed 24VDC - End Power Feed

**TR24M-2C-EP**


### IMPORTANT INFORMATION

- Read all of these installation instructions before installing the track system and refer to them when additions to or changes in the track configuration are made.
- **DO NOT** install this track in damp or wet locations.
- **DO NOT** install any part of a track system less than 5 feet above the floor. **DO NOT** install any luminaire assembly closer than 6 inches from any curtain or similar combustible material.
- Disconnect the electrical power before adding to or changing the configuration of the track.
- Only install luminaires identified with Pure Edge Lighting track systems. **DO NOT** attempt to connect any power tools and equipments to the track system.
- **DO NOT** overload each branch of track connected to the Track Power Feed Connectors resulting in a risk of fire.
- The system is "ETL" listed for USA and Canada only when all the products used are supplied by Pure Edge Lighting.
- **DO NOT** field modify this component.

### GENERAL INFORMATION

- This instruction shows a typical installation.
- Before beginning any electrical work, ensure that the power to the electrical box is **OFF**.
- This product must be installed by a qualified electrician and in accordance with local electrical codes.



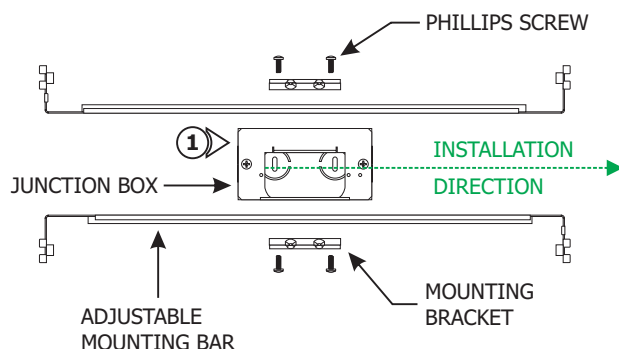
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[www.pureedgelighting.com/pureedge/products/trutrack\\_magnetic.php?bc=Product%2FRecessed%2FRecessed%20Track](http://www.pureedgelighting.com/pureedge/products/trutrack_magnetic.php?bc=Product%2FRecessed%2FRecessed%20Track)

**SAVE THESE INSTRUCTIONS!**

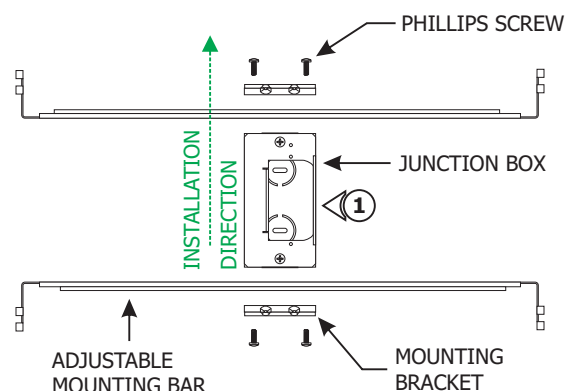
## Section One: Install the Junction Box

**A**

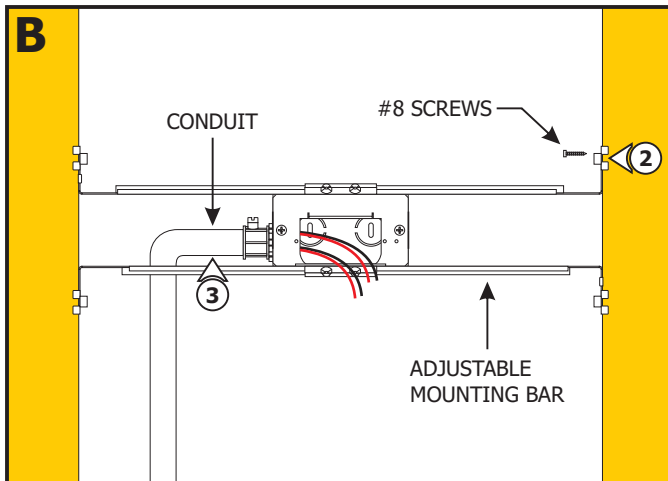
### HORIZONTAL ORIENTATION



### VERTICAL ORIENTATION



- 1:** Mount each adjustable mounting bar to one side of the junction box and secure them with the mounting brackets and Phillips screws provided.



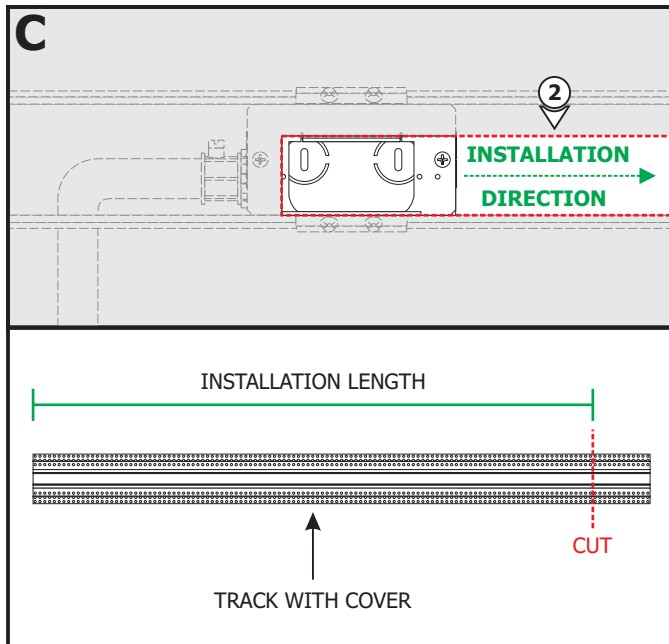
**NOTE:** Adjustable mounting bars mount to studs that are spaced 15" to 24" apart. If the span needs to be shorter than 15", then break the bar arms from dedicated lines.

**2:** Place the adjustable mounting bar tabs against the ceiling joists. Secure the adjustable bars to the joists with the #8 screws.

**3:** Run the Class 2 24VDC low voltage wires coming from the remote power supplies to the junction box. Only install conduit if required by local electrical codes.

**NOTE:** Only use 0-10V and Uni power supplies with this product. See the wiring diagram provided with the power supply instructions.

## Section Two: Install End Power Feed



**1:** Cut a section of drywall to expose the junction box area.

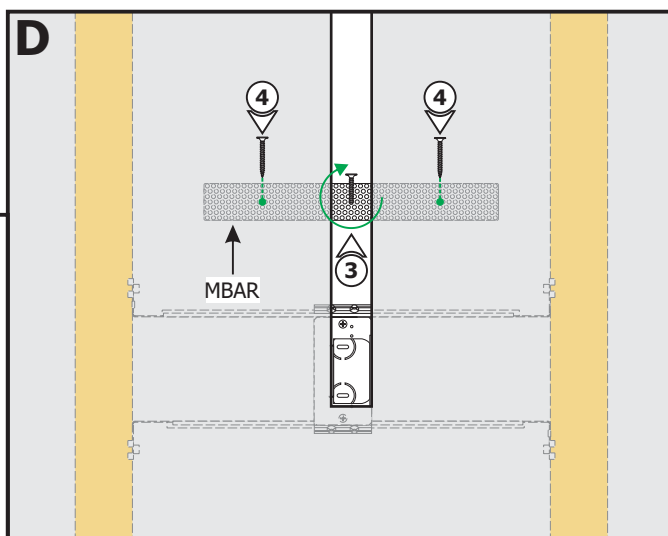
**2:** Mark and cut out the area where the installation will be located using the junction box opening as a guide. Install the drywall aligning it with the junction box.

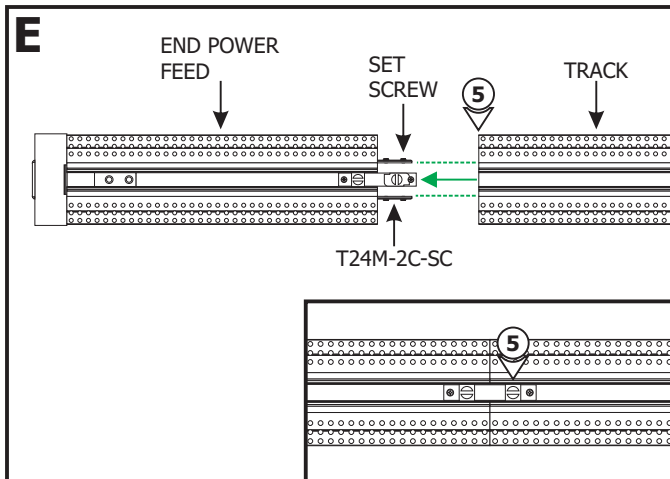
**NOTE:** Refer to the TruTrack Recessed Channel instructions to measure and cut the track and cover before continuing.

**NOTE:** Ensure the end of the connector is supported with either a joist or mounting strap. To install the track without standard-spaced joists, install perforated mounting straps.

**3:** Thread a drywall screw into the perforated material. Use the screw to hold and place the mounting strap behind the drywall, and then rotate it in place.

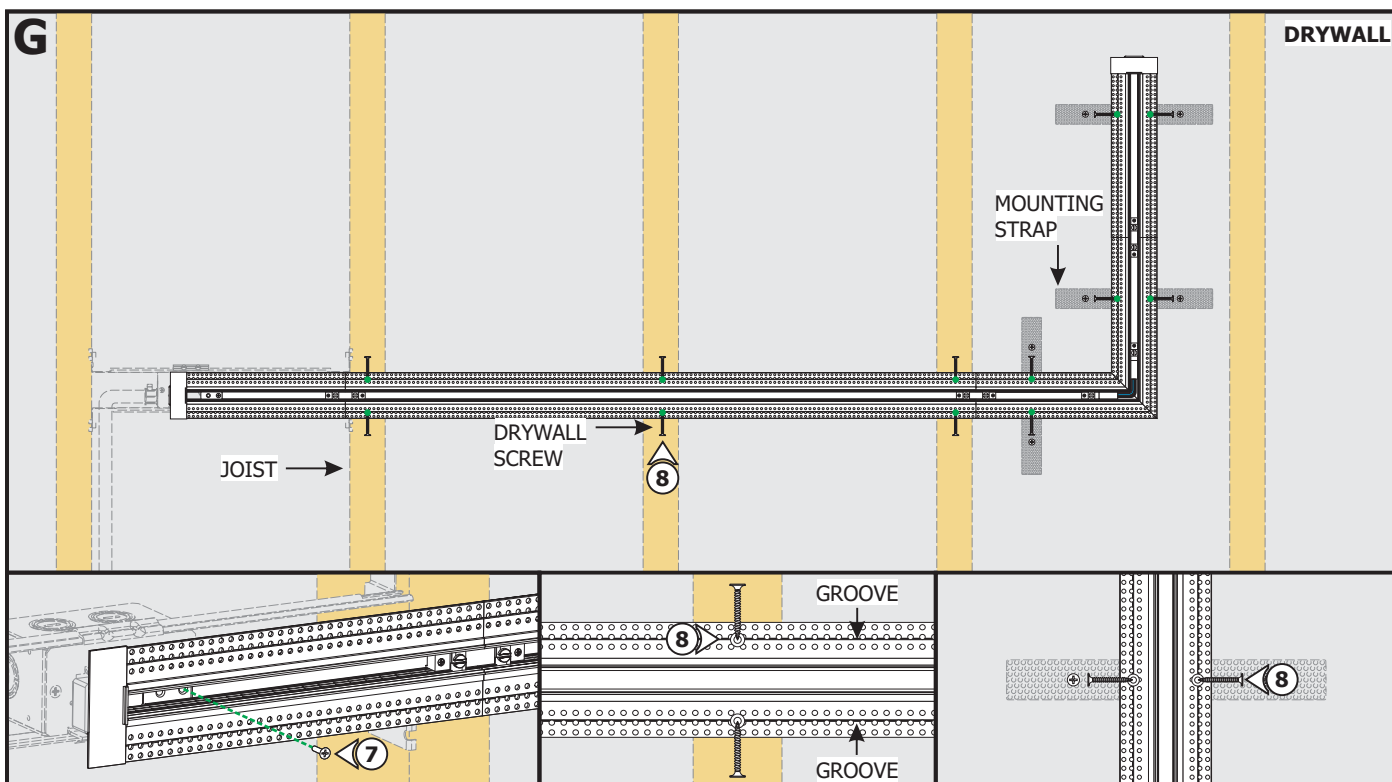
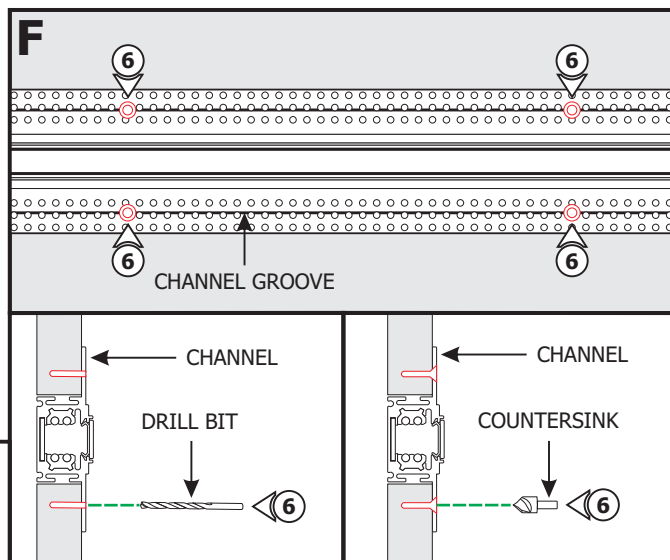
**4:** Secure the mounting strap to the drywall on each side of the junction box using two drywall screws. Mark the location of the mounting strap on the drywall.





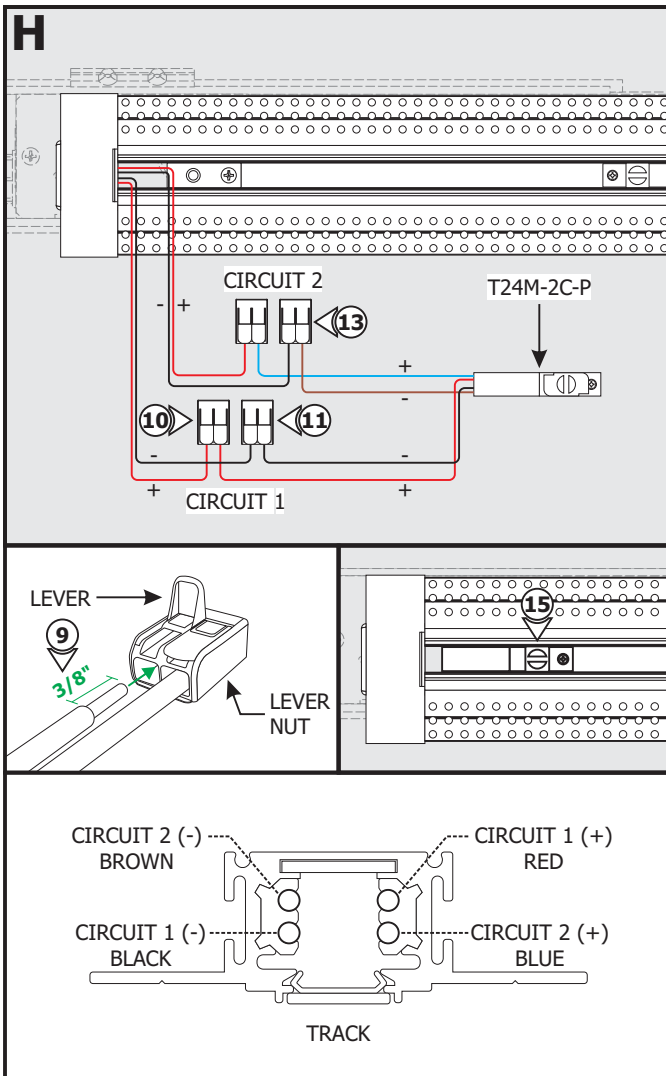
**5:** Align and slide a track over the straight connector (T24M-2C-SC) on the End Power Feed. Tighten the set screws using an Allen wrench and the slotted screw on the straight connector using a flat-head screw driver.

**6:** Place the assembled channel in the drywall cutout. Using the marked locations on the drywall, drill and countersink the channel using the provided square drill with countersink bit.



**7:** Secure the TruTrack Power Feed to the junction box with the provided Phillips screw.

**8:** Properly secure the channel to the marked joists and mounting straps using drywall screws (**DO NOT over tighten**). Ensure all screw heads are flush with the channel surface.



**9:** Strip 3/8" off of the Power Feed Connector (**T24M-2C-P**) wires and the low voltage power supply wires.

**10:** On the lever nut that the Circuit 1 POSITIVE red Power Feed Connector wire is connected, pull up the available lever and insert the low voltage +24VDC power supply wire. Push the lever down to connect and lock into place.

**11:** On the lever nut that the Circuit 1 NEGATIVE black Power Feed Connector wire is connected, pull up the available lever and insert the low voltage -24VDC power supply wire. Push the lever down to connect and lock into place.

**12:** Lightly tug on the wires to ensure they are secured in place.

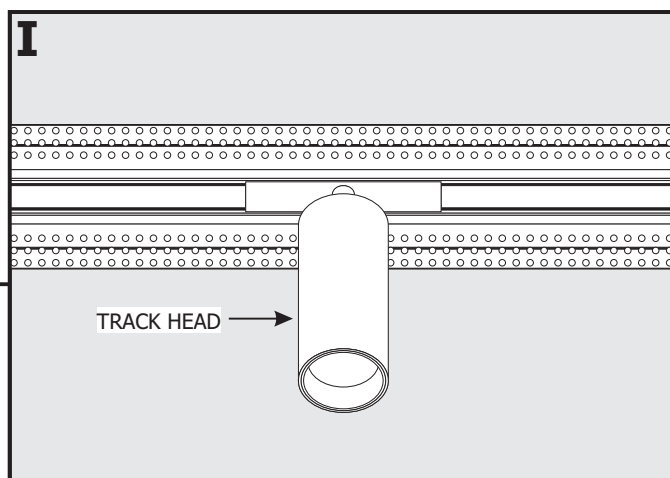
**13:** Repeat steps 9 through 12 to connect the Circuit 2 POSITIVE blue wire and NEGATIVE brown wire to the +24VDC wire and -24VDC wire of the other power supply respectively.

**14:** Place the lever nut connections inside the junction box.

**15:** Place the Power Feed Connector inside the End Power Feed and tighten the slotted screw with a flat-head screw driver to secure in place.

**CAUTION:** Test the circuits using a track head before plastering.

**NOTE:** Refer to the TruTrack Recessed Channel instructions to plaster and complete the installation.



# General Wiring Diagram

