

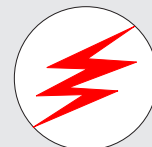
INSTALLATION INSTRUCTIONS

READ ALL OF THESE INSTRUCTIONS BEFORE INSTALLING THE TRACK SYSTEM. SAVE THESE INSTRUCTIONS; REFER TO THEM IF CHANGES TO THE SYSTEM ARE MADE.

HighLine track is designed to support and power Edison Price Lighting track fixtures prepared for 277-volt service only. It is a two-conductor system, continuously grounded throughout, to be supplied by one 277 volt, 20 amp, branch circuit. HighLine is ^cUL^{us} listed.



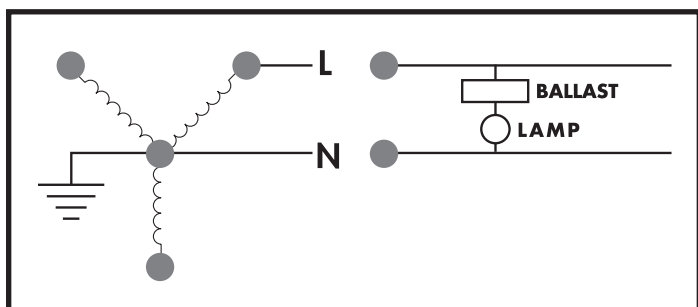
OBSERVE POLARITY!
WHITE (NEUTRAL) WIRE MUST BE ALONG POLARITY GUIDE NOTCH (NEUTRAL) SIDE OF TRACK. FAILURE TO OBSERVE POLARITY MAY RESULT IN POTENTIAL ELECTRICAL HAZARD.



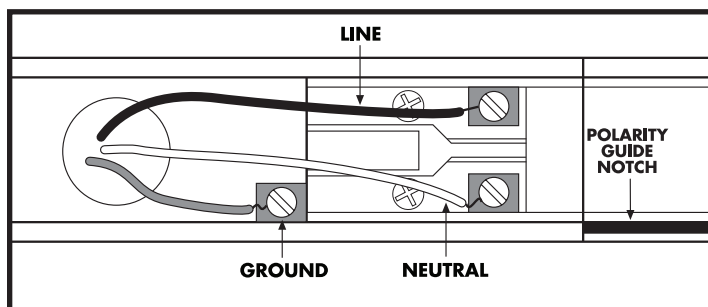
IMPORTANT SAFETY INSTRUCTIONS

- Read all instructions before attempting installation.
 - HighLine is intended for installation according to the National Electric Code and local or federal code specifications.
 - Do not install in damp or wet locations.
 - Do not install any part of this system less than eight feet above the floor.
 - Do not install HighLine track with its opening facing up without protective inserts available on special order.
 - Do not install any track fixture closer than 6 inches to any curtain or other combustible material.
 - Prevent electric shock; turn off electricity at fuse box or panel before installing the track or changing it.
 - Failure to ground may result in a hazardous condition. Instructions for grounding must be followed throughout.
 - Observe polarity: splice neutral service wire to white lead from HighLine feed.
 - Do not attempt to support or power anything on this track except:
 - Edison Price Lighting track fixtures prepared for 20-amp, 277-volt service, or
 - fixtures by others equipped with an Edison Price Lighting track adapter prepared for 277-volt service.
- No extension cords; no appliances; no other brands of fixtures.

wiring



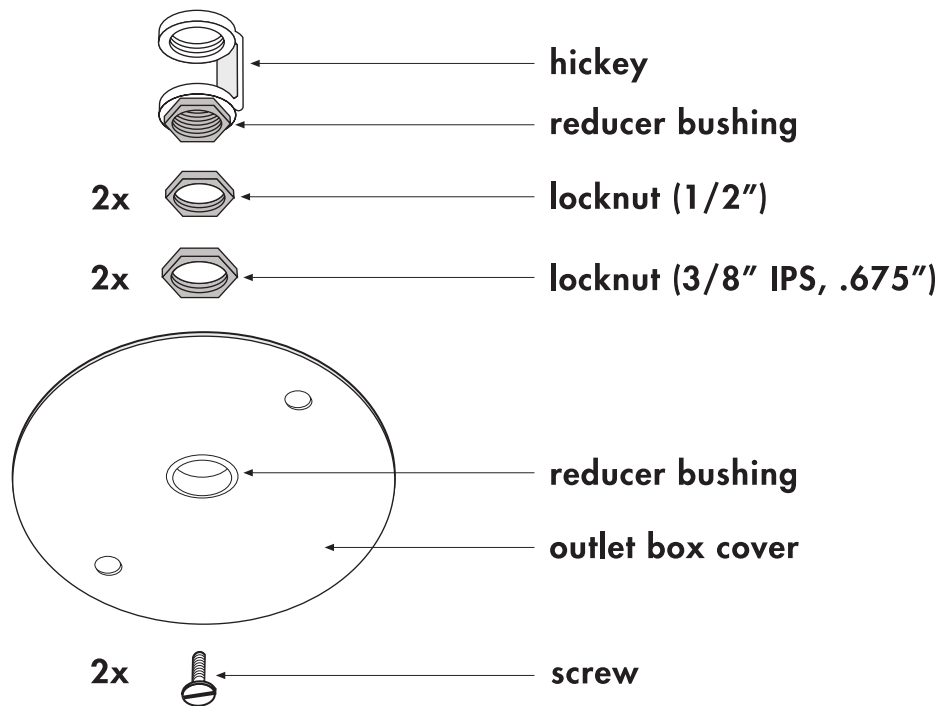
HighLine can be wired for one circuit — limited to 277 volts, 20 amps, single phase.



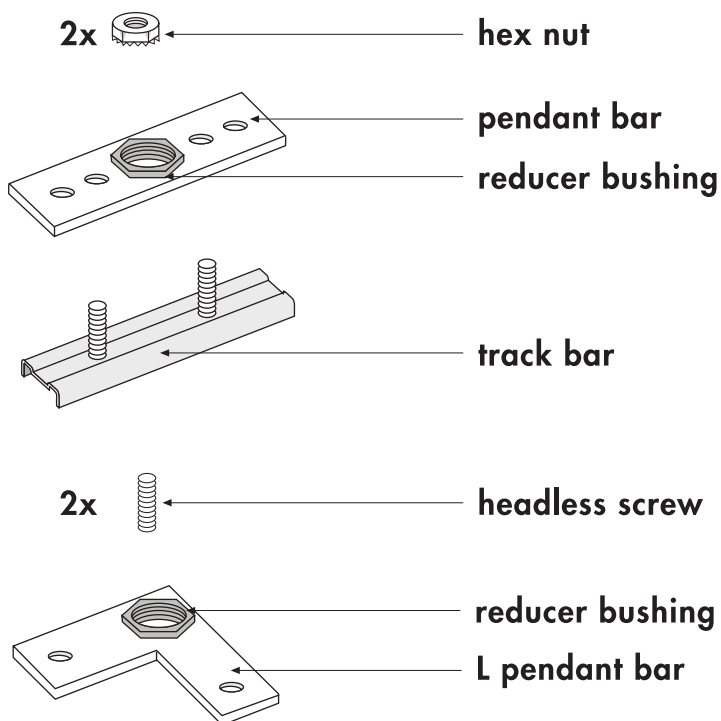
Observe polarity. White (neutral) wire must be along Polarity Guide Notch (neutral) side of track. Failure to observe polarity may result in potential electrical hazard.

PLEASE SAVE THESE INSTRUCTIONS

outlet box cover kit



hardware bag



support pendants

Note: these instructions describe the installation of standard 1/2" OD pendants (stems) with mounting hardware and Outlet Box Cover Kit from Edison Price Lighting.

1. Prepare outlet boxes. Mount 4" x 2 1/8" deep octagonal outlet boxes with 3/8 IPS studs in ceiling at pendant (stem) locations. **Note:** outlet boxes must be mounted securely, aligned and spaced no further apart than 72" on center.

hanging pendants

2. Take **hickey** from **Outlet Box Cover Kit**, screw onto stud in outlet box and tighten. [Fig. 1]
3. Take **locknut** from Outlet Box Cover Kit and thread it onto top of pendant. [Fig. 2a]
4. Thread **pendant** into **hickey**. [Fig. 2b]
5. Take **outlet box cover** from Outlet Box Cover Kit and slide it up **pendant** from bottom. [Fig. 3b]
6. Take **locknut** from Outlet Box Cover Kit and thread it onto bottom of **pendant**. [Fig. 5a]
7. Take **pendant bar** from **Hardware Bag** and thread it onto bottom of **pendant** until flush with reducer bushing. [Fig. 5a]
8. Tighten **locknut** down against top of **pendant bar**.

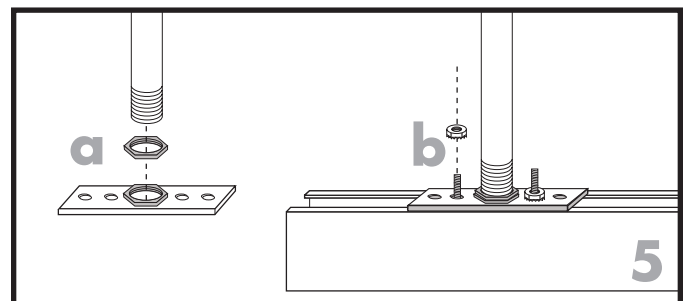
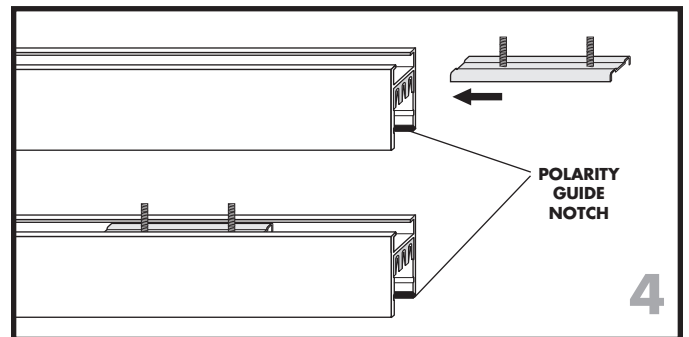
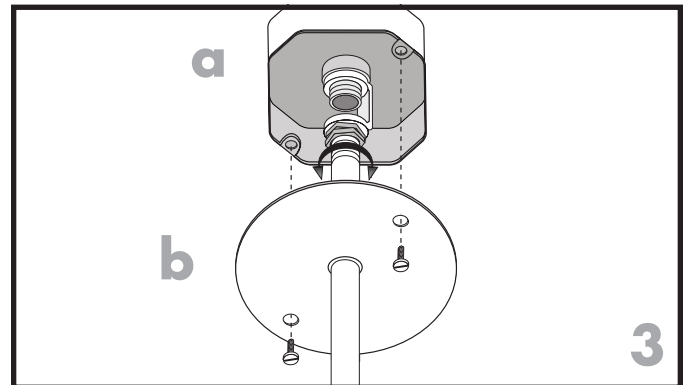
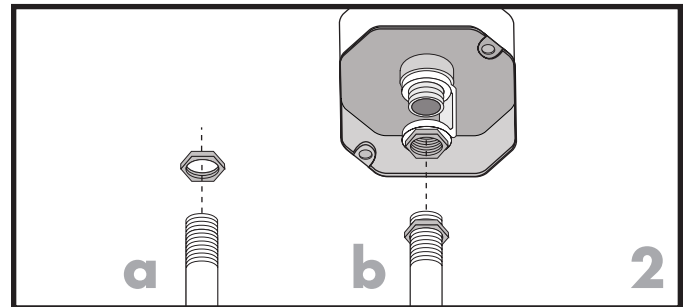
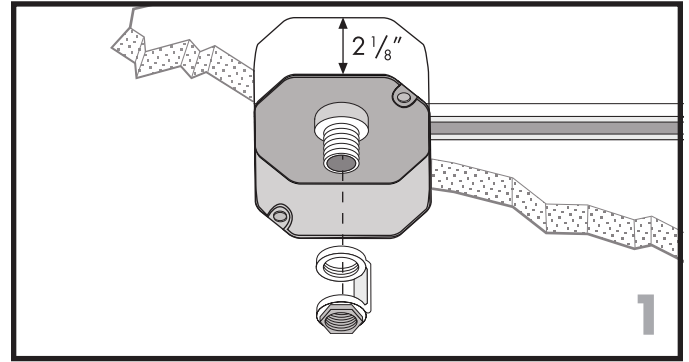
Check that pendant bar is at correct elevation above floor and is aligned in the direction of the track.

9. Adjust elevation of pendant by threading it up or down in hickey. Final position should leave pendant bar aligned in the direction of the track. Tighten **locknut** up against **hickey**. [Fig. 3a]
10. Remove screws from outlet box. Take two **screws** from Outlet Box Cover Kit, slide cover up over outlet box and attach with screws. [Fig. 3b]

attaching track

11. Take **track bar** from Hardware Bag and slide it into **Track** to the point where pendant will attach. [Fig. 4]
12. Lift **Track** into position; guide **studs** in track bar into holes in pendant bar. [Fig. 5b]
13. Take **hex nuts** from Hardware Bag and tighten onto track bar studs. [Fig. 5b]

These instructions also serve for 3/8 IPS pendants *with one change*: remove the reducer bushings from hickey, outlet box cover and pendant bar before use.

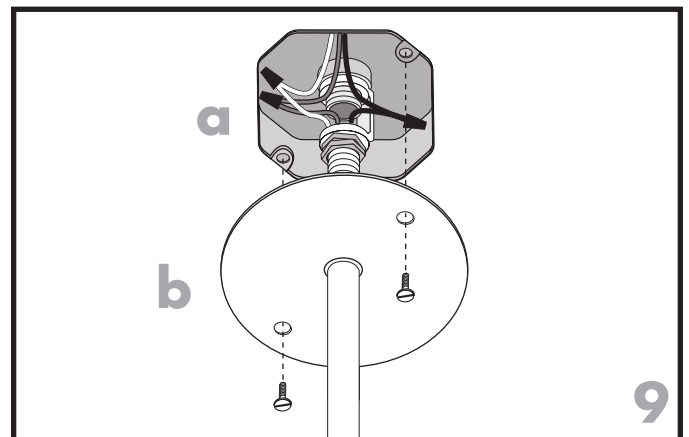
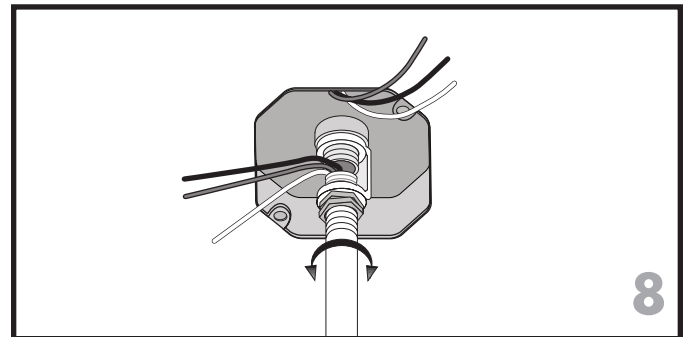
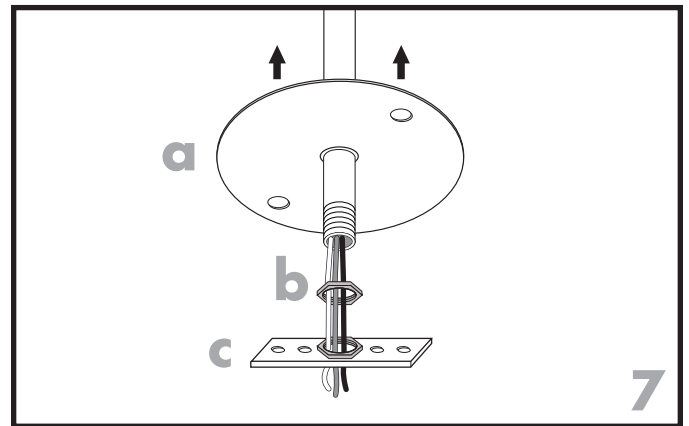
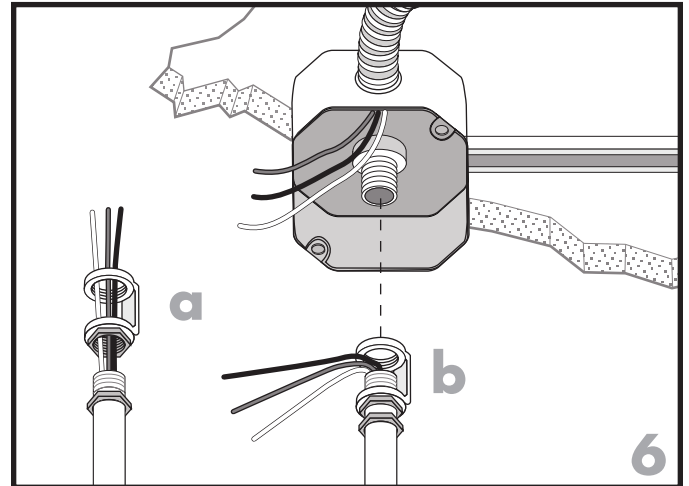


feed pendants

Note: these instructions describe the installation of standard 1/2" OD pendants (stems) with mounting hardware and Outlet Box Cover Kit from Edison Price Lighting.

1. Prepare outlet boxes. Mount 4" x 2 1/8" deep octagonal outlet boxes with 3/8 IPS studs in ceiling at pendant (stem) locations. Bring service wires to pendants planned for track feed. **Note:** outlet boxes must be mounted securely, aligned and spaced no further apart than 72" on center.
 2. String #12 AWG solid wires into feed pendant. Leave 6" exposed for splicing at both top and bottom of pendant. **Note:** 1/2" OD pendants can carry up to four wires. Feeds requiring up to seven wires can be carried in high capacity (3/8 IPS, .675" OD) pendants, also available from Edison Price Lighting.
 3. Take one **locknut** and **hickey** from **Outlet Box Cover Kit**, pass over wires at top of pendant and thread onto **pendant**, locknut first. [Fig. 6a]
 4. Bend wires out under top ring of hickey. Thread **hickey** and **pendant** onto outlet box stud and tighten until hickey is secure. [Fig. 6b]
 5. Take **outlet box cover** from Outlet Box Cover Kit, pass under wires at bottom of pendant and slide it up pendant from bottom. [Fig. 7a]
 6. Take **locknut** from Outlet Box Cover Kit, pass under wires at bottom of pendant and thread locknut onto bottom of pendant. [Fig. 7b]
 7. Take **pendant bar** from **Hardware Bag**. Pass under wires at bottom of pendant and thread bar onto bottom of pendant until flush with bottom of reducer bushing. Tighten **locknut** down against top of **pendant bar**. [Fig. 7c]
- Check that pendant bar is at correct elevation above floor and is aligned in the direction of the track.
8. Adjust elevation of pendant by threading it up or down in hickey. Final position should leave pendant bar aligned in the direction of the track. Tighten **locknut** up against **hickey**. [Fig. 8]
 9. Splice pendant wires to service wires in outlet box. Secure splices with wire nuts and fold them into the outlet box around the hickey. [Fig. 9a]
 10. Remove screws from outlet box. Take two **screws** from Outlet Box Cover Kit, slide **outlet box cover** up over outlet box and attach with screws. [Fig. 9b]

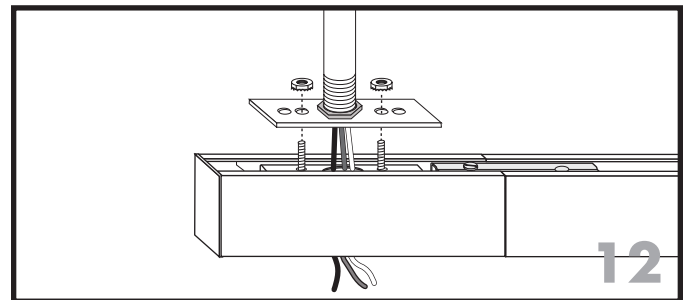
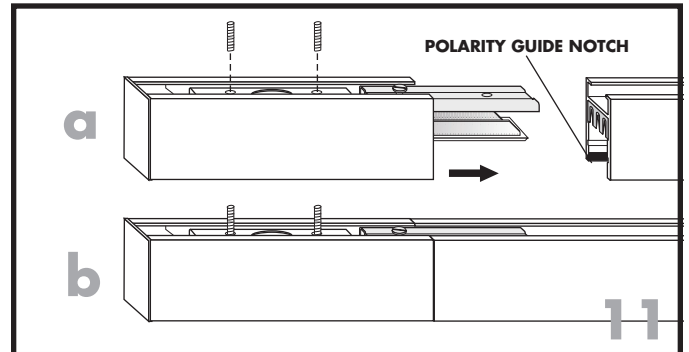
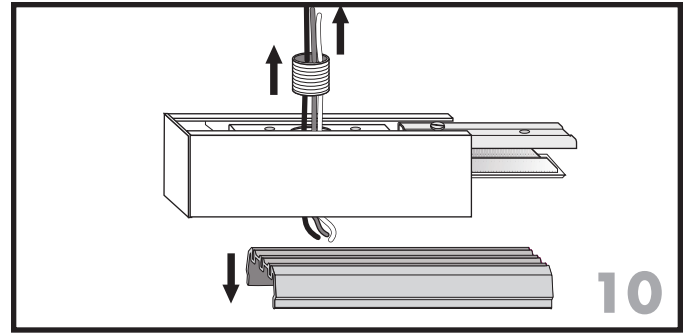
These instructions also serve for 3/8 IPS pendants with one change: remove reducer bushings from hickey, outlet box cover and pendant bar before use.



End Feed

Wire and hang feed pendants by following the instructions on pages 3 and 4.

1. Prepare **End Feed**. Slide out **terminal cover**; remove and discard nipple and supplied leads. [Fig. 10]
2. Take **headless screws** from **Track Hardware Bag**, and screw into plate in top of **End Feed**. [Fig. 11a]
3. Align **End Feed** and **track** carefully and press them together firmly. [Fig. 11b]
4. Lift **Track** with End Feed to the **pendants**. Guide wires from pendant through End Feed. Guide **headless screws** up into holes in pendant bar. [Fig. 12]
5. Take two **hex nuts** from Track Hardware Bag. Thread and tighten nuts onto headless screws. [Fig. 12]
6. Strip $\frac{5}{16}$ " lengths of insulation from pendant wires. Wire End Feed as diagrammed on Page 1. Slip stripped wires under appropriate **terminal screw**. [Fig. 16 on page 6]
7. Tighten **terminal screws**. Replace **terminal cover**.



In Line Feed

Wire and hang feed pendants by following the instructions on pages 3 and 4.

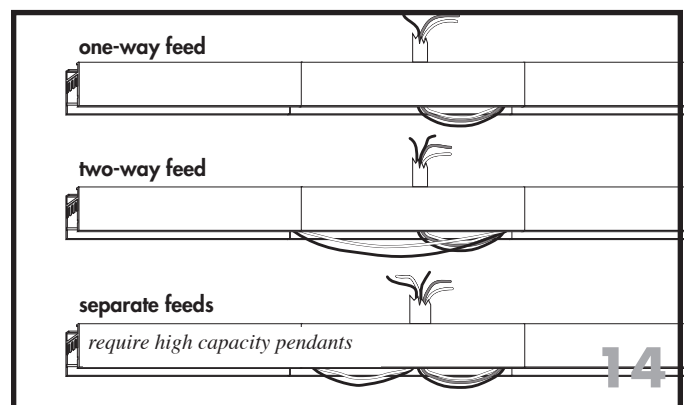
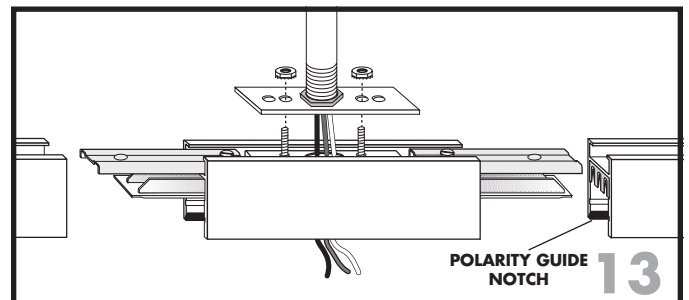
1. Prepare and attach **In Line Feed** to two adjacent **Tracks** by following steps 1-6 above and Figure 13.
2. Three circuiting plans are possible with In Line Feed.

One-Way Feed requires 3 wires. [Fig. 14]

Two-Way Feed requires 3 wires *if* short lengths of wire are used to 'jump' between the two sets of terminals in the In Line Feed. Both circuiting plans can be done with $\frac{1}{2}$ " OD pendants. [Fig. 14]

Separate Feeds, which require 5 wires, can only be used with high capacity ($\frac{3}{8}$ IPS, .675" OD) pendants which are available from Edison Price Lighting. [Fig. 14]

3. Tighten **terminal screws**. Replace **terminal cover**.



Conduit Feed

HighLine P can be fed at one end with #12 AWG solid wire within $\frac{3}{8}$ " armored cable (BX).

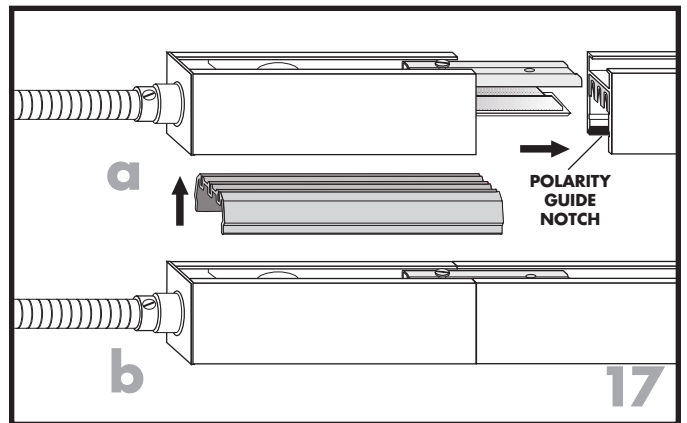
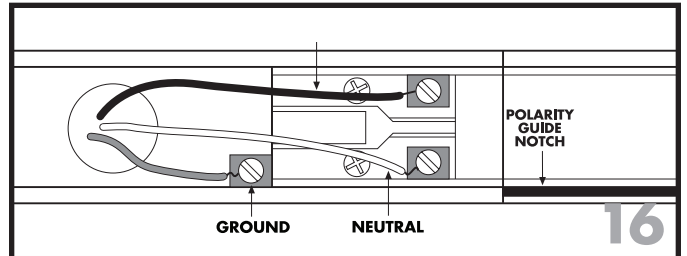
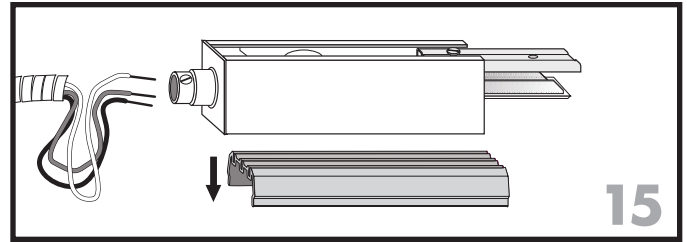
1. Leave 4" of wire out of the armored cable and strip off $\frac{5}{16}$ " lengths of insulation. Slide **terminal cover** out of **Conduit Feed**. Thread wires through end of Conduit Feed. [Fig. 15]
2. Insert the end of the armored cable into the **connector** and tighten. [Fig. 17a]
3. The Conduit Feed can be wired as diagrammed on page 1.



Observe polarity. White (neutral) wire must be along Polarity Guide Notch (neutral) side of track. Failure to observe polarity may result in potential electrical hazard. [Fig. 16]

Slip the stripped wires under the appropriate **terminal screws**. Tighten the terminal screws. Replace the **terminal cover**. [Fig. 17a]

4. Attach the **Conduit Feed** to the **Track**. Align the two components carefully, then press together firmly. [Fig. 17b]



L Joint Feed

Wire and hang feed pendant(s) by following the instructions on pages 3 and 4, with one exception: use **L Pendant Bar** rather than straight Pendant Bar.

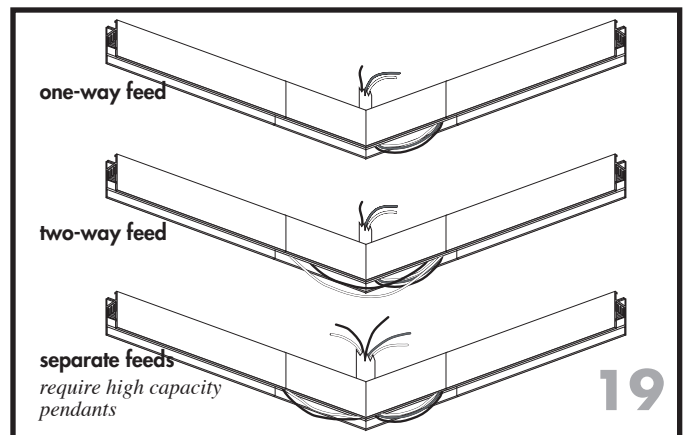
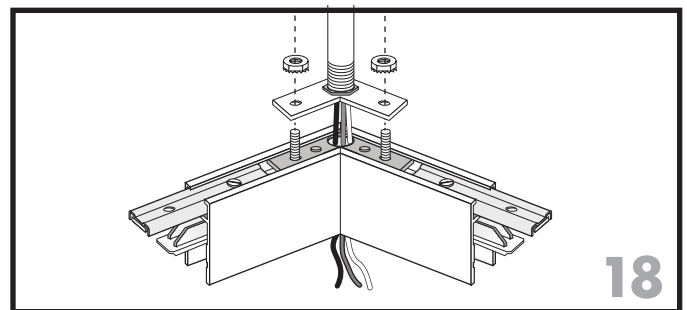
1. Prepare and attach **L Joint Feed** to two adjacent **Tracks** by following End Feed steps 1 through 6 on page 5 and Figure 18.
2. Three circuiting plans are possible with L Joint Feed.

One-Way Feed requires 3 wires. [Fig. 19]

Two-Way Feed requires only 3 wires *if* short lengths of wire are used to 'jump' between the two sets of terminals in the L Joint Feed. Both circuiting plans can be done with $\frac{1}{2}$ " OD pendants. [Fig. 19]

Separate Feeds, which require 5 wires, can only be used with high capacity ($\frac{3}{8}$ IPS, .675" OD) pendants which are available from Edison Price Lighting. [Fig. 19]

3. Tighten **terminal screws**. Replace **terminal covers**.



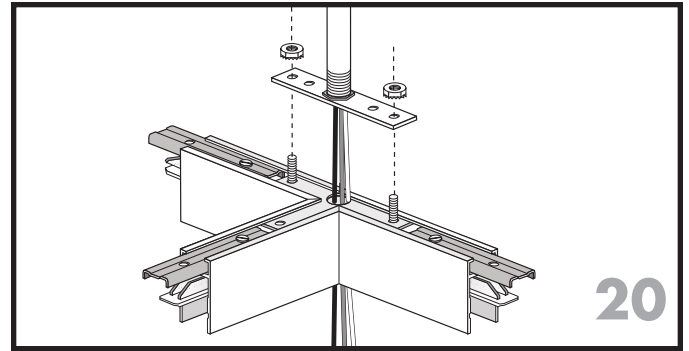
T Joint Feed

Wire and hang feed pendant(s) by following the instructions on page 4.

Prepare and attach **T Joint Feed** to three adjacent tracks by following End Feed steps 1 through 6 on page 5 and Figure 20.

Circuit as required.

Tighten **terminal screws** and replace **terminal cover**.



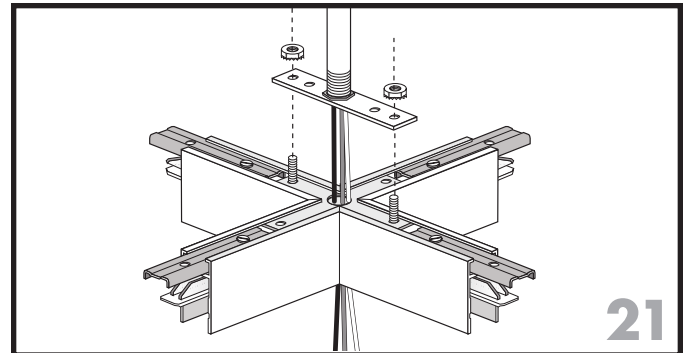
X Joint Feed

Wire and hang feed pendant(s) by following the instructions on page 4.

Prepare and attach **T Joint Feed** to four adjacent tracks by following End Feed steps 1 through 6 on page 5 and Figure 21.

Circuit as required.

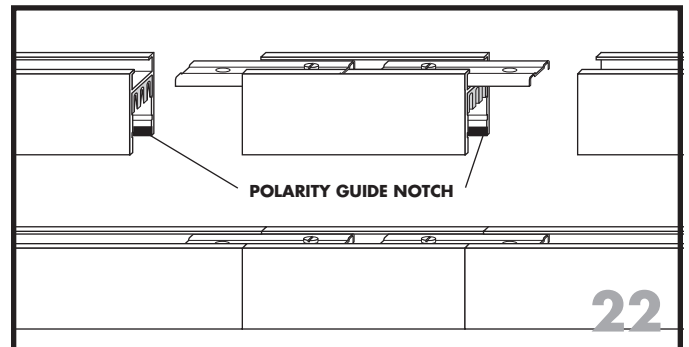
Tighten **terminal screws** and replace **terminal cover**.



separating circuits on a run of track

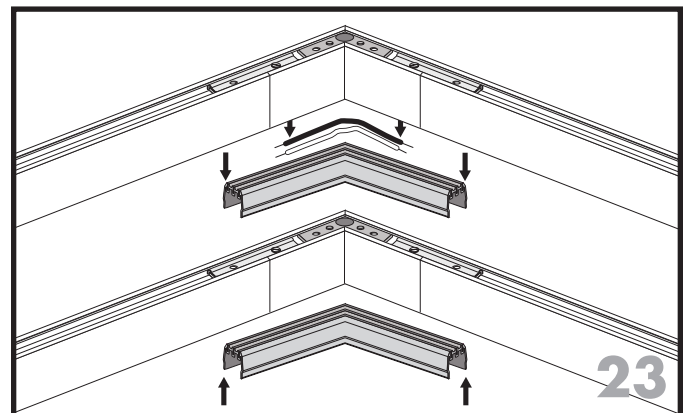
Use a **Dead Splice** when a run of track is wired with circuits (or sets of circuits) that must be separated along the length of the run.

Attach the **Dead Splice** to the first **Track**. Align the two components carefully, then press them together firmly. Attach the second Track to the Dead Splice in the same manner. [Fig. 22]



separating circuits at a joint

To separate circuits (or sets of circuits) at an **L Joint**, **T Joint** or **X Joint**, remove the "jumper" wires included with these components. For example, an L Joint is shown in Figure 23.

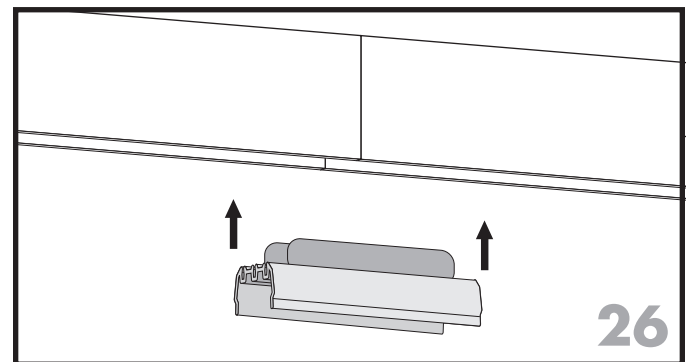
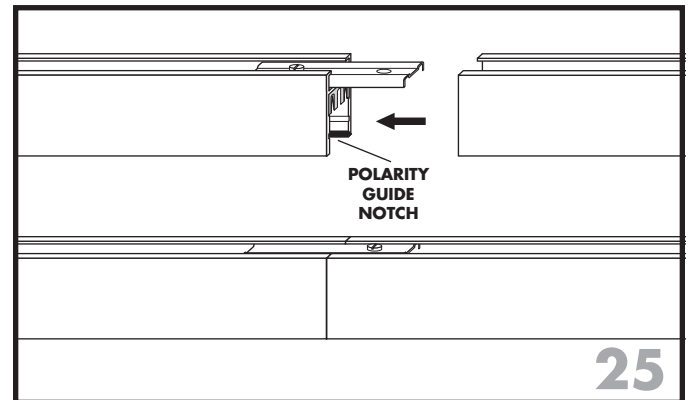
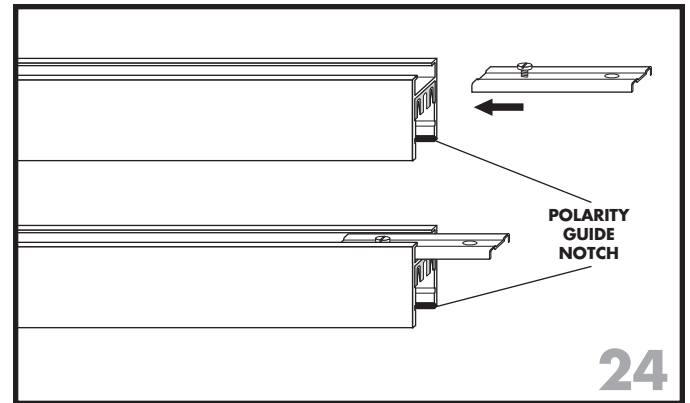


splicing a run of track

Hang all support pendants to outlet boxes as shown on page 2.

Wire and hang feed pendant(s) to outlet boxes as shown on page 3.

1. Remove the **end caps** from all Tracks to be used in the run and save them for future use.
2. Take the **splice bar** included with the first Track and slide its screw end into the un-fed end of the first **Track**. Tighten the **screw** to secure the splice bar. [Fig. 24]
3. If the run will use more than two tracks, slide the **splice bar** from the second **Track** into one end of the second track and tighten the **screw**. [Fig. 24]
4. Slide the open end of the second **Track** onto the **splice bar** protruding from the first track. Align the two tracks carefully and press them together firmly. [Fig. 25]
5. Repeat steps 2 through 4 above until all the tracks in the run are mounted.
6. Insert a **splice assembly** from a **Live Splice** kit into the run at each splice between tracks. [Fig. 26]
7. Put an **end cap** in the un-fed end of the run of track. [Fig. 27]



field cutting track

HighLine tracks can be cut in the field with a sharp hacksaw, band saw or radial saw.

1. Make a single cut through the aluminum extrusion, plastic insulator and copper conductors of the **Track**. Use a miter box or other device to insure a 90° square cut.
2. Remove any burrs from the aluminum or copper with a file or deburring tool. Clean the track by blowing shavings away from the conductors.
3. Take care not to throw away any useful **end caps** with scrap pieces of track.

