READ AND UNDERSTAND THESE INSTRUCTIONS BEFORE INSTALLING TRACK

This fixture is intended for installation in accordance with the National Electrical Code and local or Federal code specifications. To assure full compliance with codes and regulations, check with your local electrical inspector before installation. To prevent electric shock, turn off electricity at fuse box before proceeding.

Save these instructions for maintenance reference
and refer to them when additions to or changes in the track configuration are made.

Installation Instructions for ProSpec™ Track Lighting-- Recessed Feed Track and Plain Track Units.

ProSpec™ track lighting is designed to support and energize ProSpec™ Lytespots® which can be attached anywhere along the track. It is a four conductor system, continuously grounded throughout, to be supplied by two single 120V, 20 amp, 60Hz branch circuits. It is not intended for use with a power cord or convenience receptacles. ProSpec™ is listed by Underwriters Laboratories, Inc. It may only be used with electrical fittings identified for use with ProSpec™ track.

IMPORTANT SAFETY INSTRUCTIONS

Read all Track, Connector, Feed-in Kits, and Accessory Instruction Sheets before installing any ProSpec™ Track item. When installing or using this track system, basic safety precautions should be followed:

Read all instructions before installing the track system.

- Do not install in wet media (concrete, plaster, etc.).
- This track system is intended for installation in accordance with the National Electrical Code and Local or Federal Codes.
- Do not install this track in wet or damp locations.
- Do not install any part of this track system less than 5 feet above floor.
- Do not install any fixture assembly closer than 6 inches from any curtain, or similar combustible material.
- To prevent electrical shock, turn off electricity at fuse box before installing the track or adding to or changing the configuration of the track.
- Instructions for grounding per instruction sheet of the feed-in kit used must be followed. Failure to do so may result in a hazardous condition.
- Use #12 ga. AWG solid wire only (not stranded wire) for supply to track.
- Observe polarity, white supply lead (neutral) to contact marked “NEUT” on screw terminal connectors.
- Do not exceed 4 feet between mounting points.
- Do not attempt to energize anything other than track lighting fixtures on the track. To reduce the risk of fire and electrical shock, do not attempt to connect power tools, extension cords, appliances and the like to the track.

SAVE THESE INSTRUCTIONS

Recessed ProSpec™ Track Mounting Methods

MOUNTING PROSPEC™ TRACK

There are three methods of mounting the track to a surface (Fig A, B & C).

1. **Direct mounting** (Fig A):
   - Mark centerline for track location.
   - Add mounting holes to the track.
     In the center of the track drill the appropriate number of mounting holes. The holes should be 3/16" in diameter. Recommended: two holes per 4' track, three holes per 8' track, and four per 12' track. Never use one mounting hole per track length. Additional holes may be added for more support. The holes should be evenly spaced along the track length.

     CLEAN ALL METAL AND PLASTIC CHIPS FROM THE TRACK.
   - Mount the track to the structure using #6 flat or round head screws, and plastic washers. Use a screw appropriate for the material. For example, use a #6 flat head wood screw if you are mounting into a wood beam. Plastic washers are included; screws are not included.
2. **Mounting Straps** (Fig. B):
   - Mark centerline for track location.
   - Remove the Dead End from one end of the track and save.
   - Slide the mounting straps into the groove in the side of the track. An equal number of straps should be on each side of the track. Always use more then one strap per side.
   - Wrap the straps around the building structure or nail the straps to the structure.
   - Push Dead End into the track at the end of the track run.
3. **Hanger Clips** (sold separately Cat. 26090 set of 4) (Fig. C):
   - Slide or snap the hanger clips onto the track.
   - Assemble the screws and nuts onto the mounting clips.
   - Recommended: two clips per 4' track, three clips per 8' track, and four per 12' track. Always use more then one clip per track length. Additional clips may be added for more support. The clips should be evenly spaced along the track length.
   - Tighten the clip on the track by tightening the screw and nut. Pass cable through hole in hanger clip. Level track and tie cable to support the track.

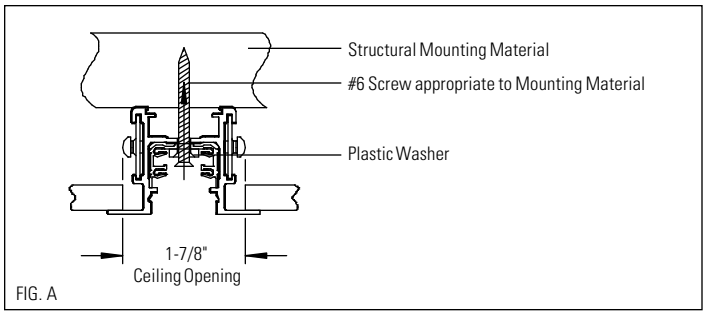


FIG. A

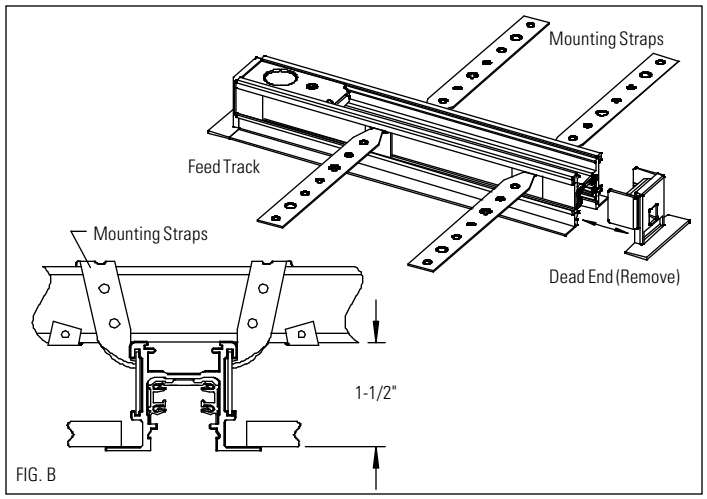


FIG. B

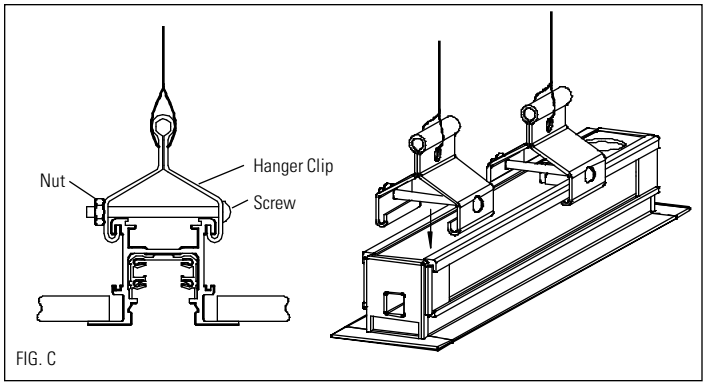


FIG. C

STRAIGHT CONTINUOUS RUN OF TRACK

- Remove the Dead End from one end of the track that will be joined.
- Slide the spline (1/2 its total length) into the side channels of the track unit.
- Install the spline screws into the spline and tighten.
- Use an Invisible Coupler (26049WH) to join two tracks together mechanically and electrically (Fig. D). Power cannot be fed into the coupler. See the instructions provided with the coupler prior to installation.
- Use an In-Line connector (26654WH) to feed power between two track units. Additional splines are not required when using the In-line Connector. The connector comes with the splines attached (Fig. D). See instruction sheet provided with the In-line connector prior to installation.
- Tighten all spline screws.
- Push Dead End into the track at the end of the track run.

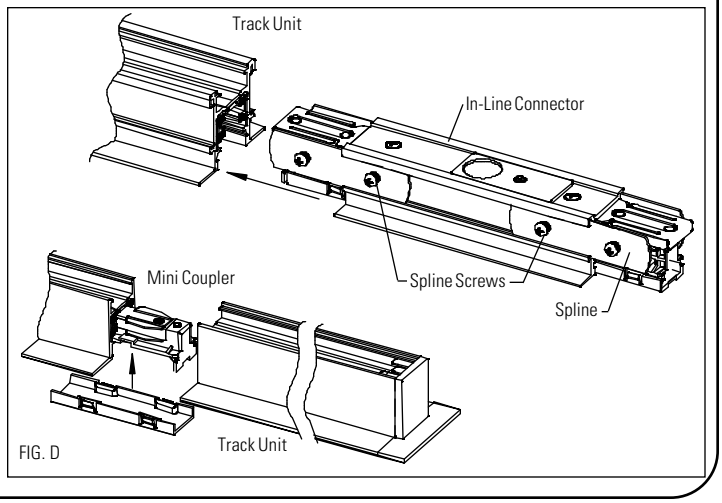


FIG. D

DIRECT POWER FEED TO "FEED" TRACK

Use solid 12 ga. copper wire when feeding the track. The feed track accepts two separate 120 V, 60 Hz branch circuits. Each circuit must not exceed the 20 amp capacity of the track system.

FEED FROM ABOVE TRACK (Fig E)**:**

- Remove Bottom cover and save.
- Remove Knockout in Top Plate.
- Remove Top Plate from Track
- Secure electrical connector (by others; $^3/_8$ size recommended) to Top Plate using the Nut provided. Position connector locking screws such that the screws will be hidden behind the track width.
- Attach Top Plate to track.
- Pass wires through connector and secure the cable or conduit to the connector. *The track must not support the cable*. Use separate support for securing the cable to the building structure.
- Secure the track to the ceiling (*see mounting on previous page*).
- Form the wires in the Feed track to the connector terminals (see FIG. F). Cut and strip each wire. Attach wires to the screw terminals. Wires must be tightly held in the screw terminals. Neutral wires must be attached to screw terminals marked "NEUT". Ground wire must be attached to the green ground screw.
- Snap Bottom Cover into the track.

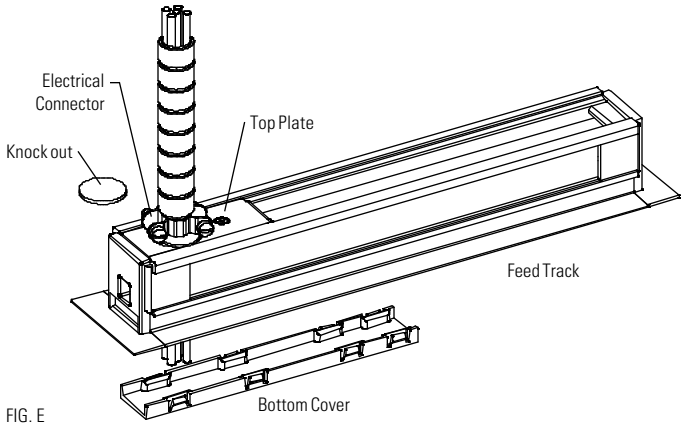
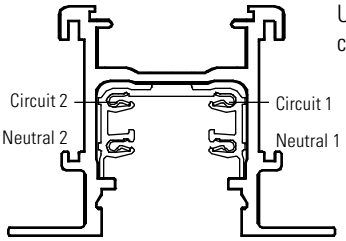


FIG. E



Use 12 ga. solid copper wire for feed connections including ground.

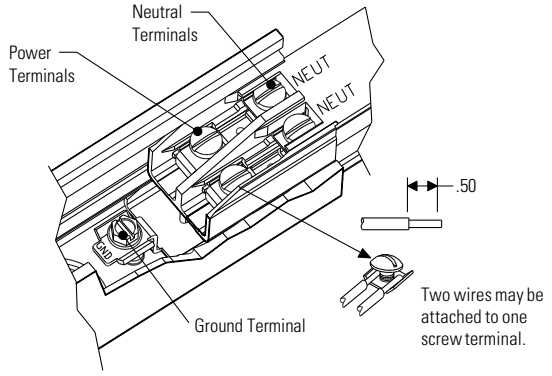


FIG. F

FEEDING ALONG THE TRACK LENGTH (Fig. G)

A floating splice box may be used to feed the "Feed Track" from along the tracks length. The floating splice box can be mounted anywhere on the track up to 4' from the end of the track. The wires are passed along the top of the track and into the feed end of the track. **The floating splice box may only be used when there is accessibility to the splice box after the installation is complete.**

Floating Splice Box (Cat. no. 26660) sold separately. See instructions supplied with 26660 for complete installation details.

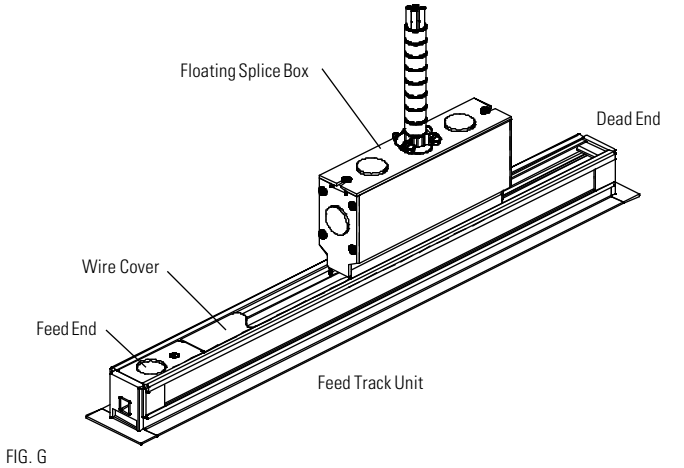


FIG. G

Recessed ProSpec™ Track

POWER CONTINUITY FROM A STRAIGHT RUN OF TRACK

This can be accomplished by using Feed Tracks coupler together, by using Feed Track with a power extension connector, or by using Plain Track with multiple Power Extensions. The Power Extension Connector is sold separately (CAT, NO. 26646WH). See instructions with the power extension for installation details.

NOTE: THIS TRACK SYSTEM IS NOT POLARIZED. Connectors can be installed into both sides of the Plain Track and in any orientation. There is no key that will prevent insertion of the connectors. Connectors cannot be attached to the feed side of the Feed Track. Electrical polarity is maintained by proper wiring of the circuits. (See Fig F.)

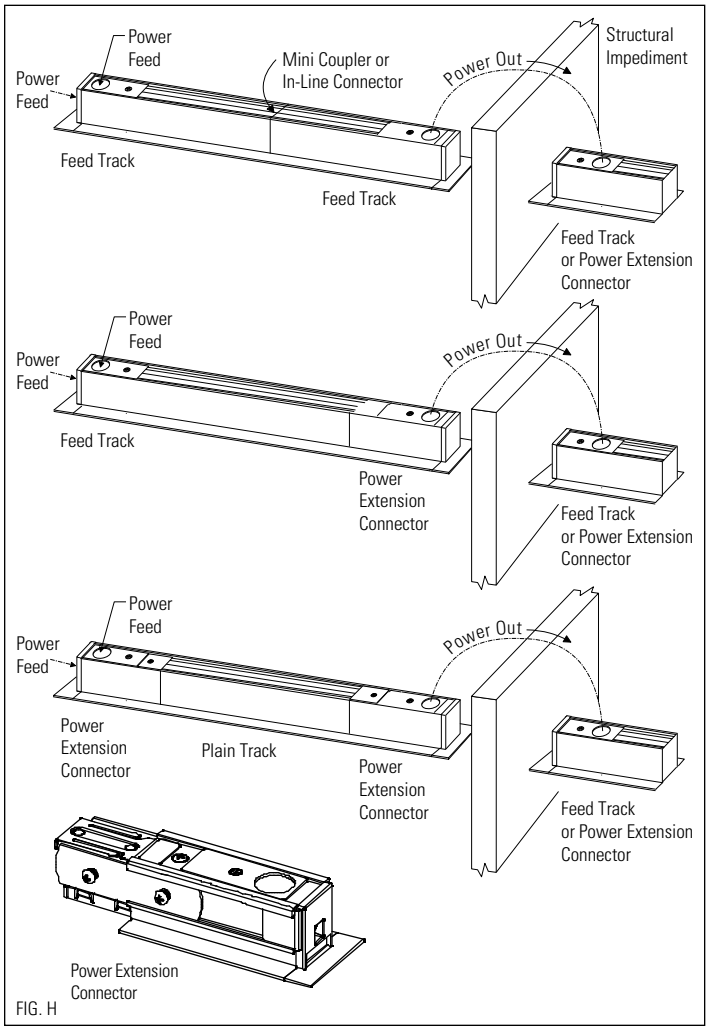


FIG. H

FIELD CUTTING TRACK

- Remove and save the Dead End Cover.
- Cut the track using a metal cutting blade (preferably in a miter box to obtain a square cut)
- Remove ALL burrs and sharp edges from the cut surface of the track being careful not to destroy the integrity of the track geometry. There should be no burrs between the copper wire(s) and the aluminum track housing.
- If an electrical connector is being installed into the cut section, open the GAP of all copper wires using a wedging tool (such as a flat blade screwdriver). **CAUTION; DO NOT OPEN THE GAP MORE THAN 3/16" FROM THE EDGE OF THE TRACK EXTRUSION**.
- Insert the Dead End Cover into the end of the track run.

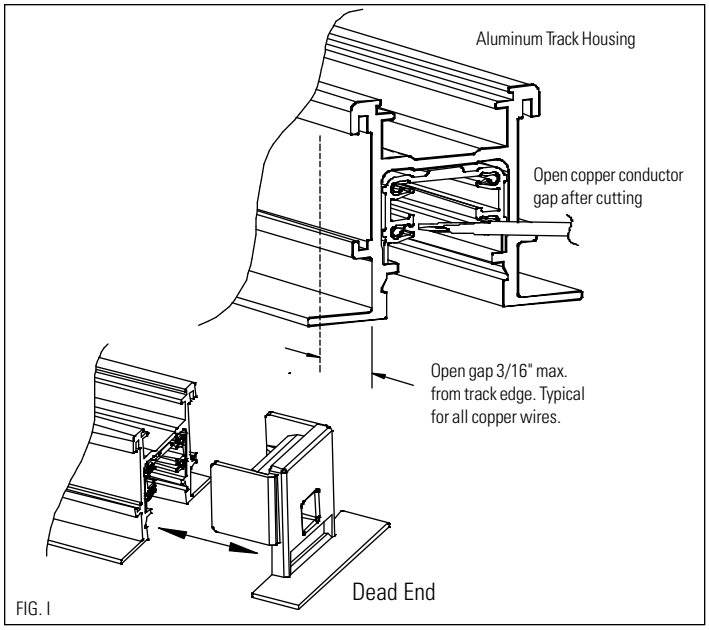


FIG. I