



## CAUTION

• Read all instructions.

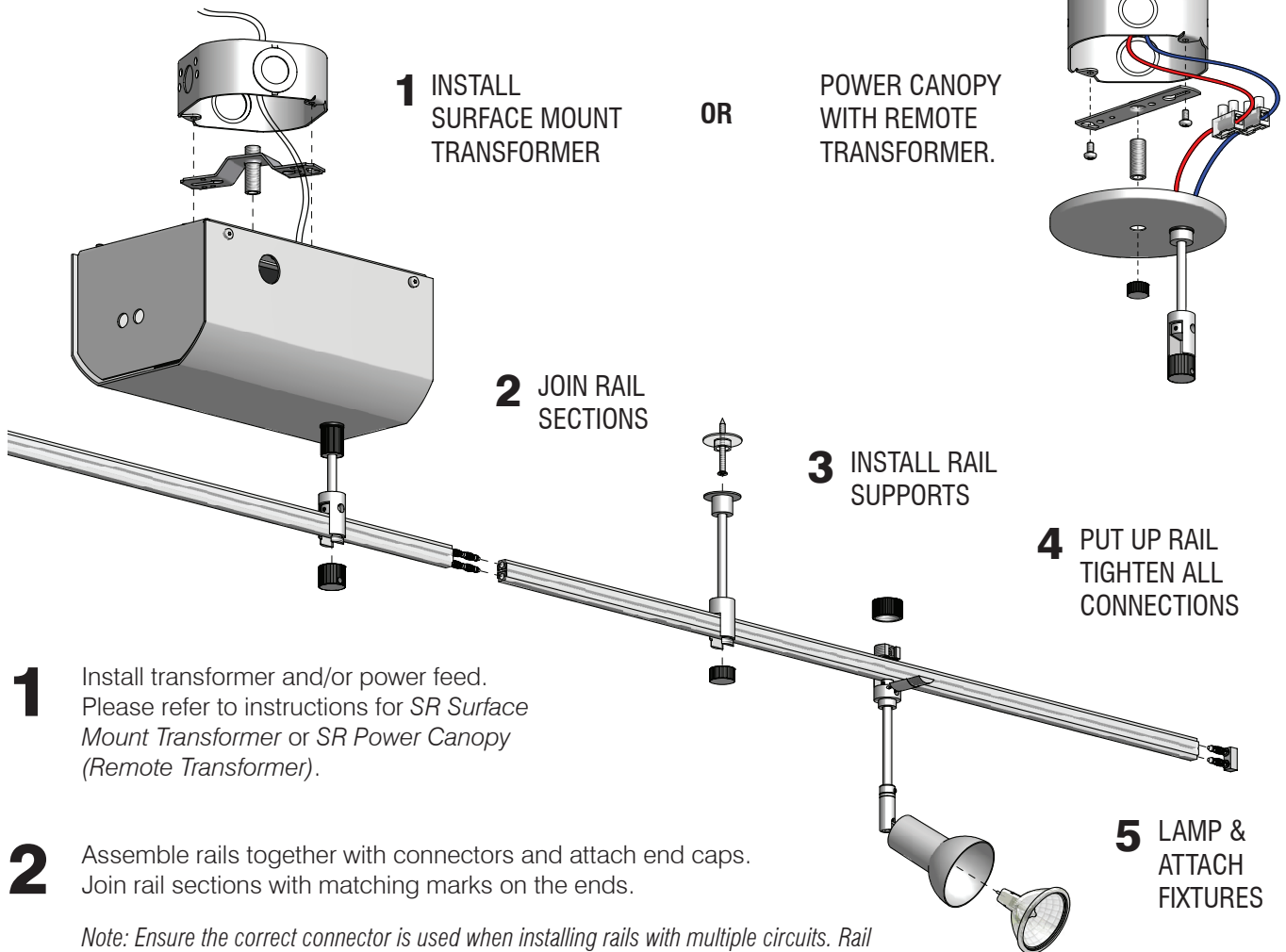
- **WARNING: RISK OF FIRE OR ELECTRICAL SHOCK:** Do not make or alter any openings in the compartment of wiring or electrical components during installation. Do not alter or add ballasts, or any other electrical components.
- Installation and use of this fixture mounting assembly requires a person familiar with the construction and operation of luminaire electrical systems and the hazards involved, if not qualified, do not attempt installation.
- Turn off power before installation.
- Ensure all connections are tight to prevent a short circuit from occurring.
- Do not move fixture along cable while power is on.
- Always test installation. Leave system on for 20 - 30 minutes after installation to perform test.
- KEEP THESE INSTALLATION INSTRUCTIONS.

# SR System

## Installation Instructions

### Single Rail System Installation

Lay all fixtures and hardware out on the floor prior to installation to ensure all the necessary components are there. Review application plan. Plan should include location of power supply, mounting hardware and fixtures.



**1** INSTALL SURFACE MOUNT TRANSFORMER

OR

POWER CANOPY WITH REMOTE TRANSFORMER.

**2** JOIN RAIL SECTIONS

**3** INSTALL RAIL SUPPORTS

**4** PUT UP RAIL TIGHTEN ALL CONNECTIONS

**5** LAMP & ATTACH FIXTURES

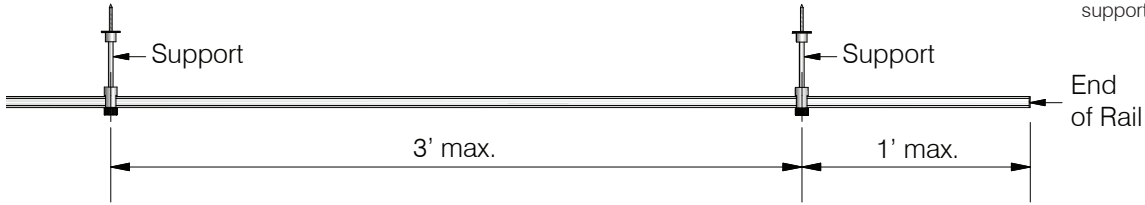
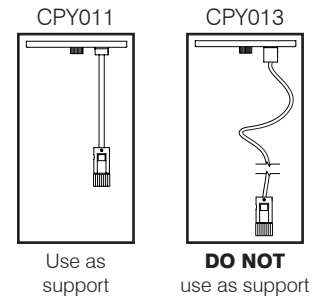
**1** Install transformer and/or power feed. Please refer to instructions for SR Surface Mount Transformer or SR Power Canopy (Remote Transformer).

**2** Assemble rails together with connectors and attach end caps. Join rail sections with matching marks on the ends.

*Note: Ensure the correct connector is used when installing rails with multiple circuits. Rail sections join together with either conductive connectors (JON001-C), used to connect rails on one circuit or isolated connectors (JON001-I), used to isolate rail circuits.*

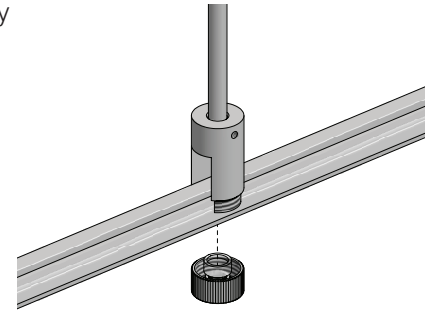
**3** Install rail supports. There are several options for rail supports. Please refer to specified hardware instructions for installation details.

For factory curved systems it is recommended to lay system on floor and mark standoff position with a plumb bob or laser plumb. Supports should be no more than 1' from rail's ends and evenly spaced to a maximum of 3' apart. Flexible power canopies (CPY013) cannot be used as a standoff support.



**4** Raise rail and tighten connections on each support. Ensure power canopy or surface mount transformer connectors are securely fastened onto rail. For more detail see *SR Connector Installation Instructions*.

**5** Lamp, then position fixtures on rail and tighten connectors.



## Test Installation

When all steps are complete turn power on and run a test. Leave system on for 20 - 30 minutes. Heat indicates a loose connection. Touch all connections on the system to see if any are warmer than your body temperature. If a connection is very warm, turn off system and retighten that connection. Repeat the test.

## System Tips

- Rails are available in 4' or 8' lengths. Single rail straight sections may require field cutting. Factory curved rails with exact dimensions will not require any field cutting.
- Standoffs should be evenly spaced apart 3' maximum and 1' maximum from the ends of the rail.
- Rigid power canopies (CPY011) can function as supports. Do not use flexible power canopies (CPY013) as supports.
- It is recommended to use a laser plumb to position standoffs accurately and conveniently.
- Always use minimum #12 gauge wire (stranded wire preferred) on secondary.
- Consider voltage drop when positioning remote transformers.  
The length of the rail run will depend on the distance from the transformer and the wattage load.  
Wire gauge will depend on the distance of remote transformer. 10' away use #10 gauge wire. 15 - 20' away use a #8 gauge wire.
- Low voltage transformers need a minimum 50W load in order to get a voltmeter reading.
- Magnetic transformers should be used with low voltage magnetic dimmers.
- Electronic transformers should be used with low voltage electronic dimmers.