

SIGHTLINE RR

3-busbar recessed track system

SLRR



APPLICATIONS

SightLine RR is designed to support and power Edison Price Lighting track fixtures prepared for 20-amp, 120-volt service only.

System is 3-busbar, continuously grounded. It may be supplied by one or two individually switched, 120 volt, 20 amp branch circuits. Total capacity is 40 amps when supplied by a single phase, 120/240 volt, three-wire branch circuit. Service wire must be #12 AWG solid wire.

FEATURES

SightLine RR is a recessed 3-busbar track system suitable for wiring with one or two 20 amp circuits. Tracks can be cut to length in the field, and are mounted by means of heavy-duty hangers that clamp directly to ceiling supports.

SightLine RR is specifically designed for installation in carefully finished sheetrock ceilings employing either 1/2" thick or 5/8" thick sheetrock. Installed, SightLine RR is entirely concealed, presenting only a 3/4" opening for the insertion of track fixtures.

SightLine RR consists of a single aluminum extrusion for both support and power. This design allows for a number of features and benefits:

- significantly less installation time than common two-part track systems
- integral splice compartments, eliminating the need for outlet boxes
- elegant appearance, with hairline joints between components
- exceptional durability for heavy use and long life.

SightLine RR is comprised of 3 separate roll-formed copper busbars. The busbar's V-shape design offers a more dependable connection than a flat design, thereby eliminating the change of arcing or overheating. Each busbar is individually insulated with highly heat resistant, hydrolytically stable thermoplastic.

SightLine RR is designed so that it completely contains the adapter of the fixture. This feature allows track fixtures to hang from simple 1/2" diameter stems free of unsightly screws, levers or knobs.

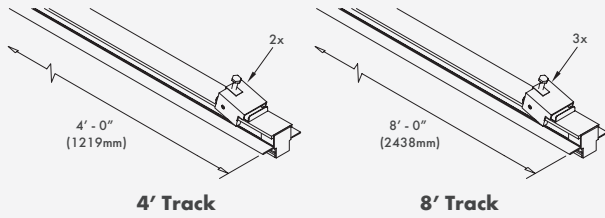
The SightLine RR system consists of 9 components, including L, T and X joints and two kinds of electrical feed (see below).

SIGHTLINE RR

3-busbar recessed track system

SLRR

TRACK

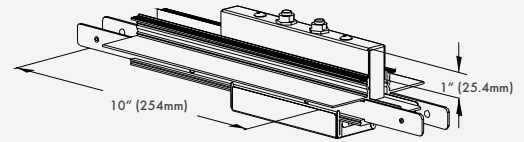


4' Track

8' Track

Note: 12' lengths of track are available on special order.

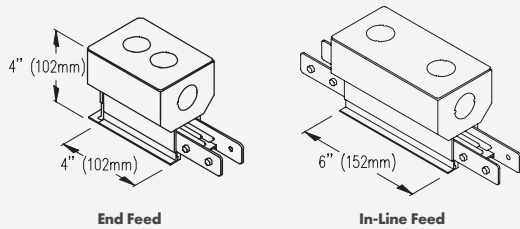
for use where required by local code



note: bottom view shown

CURRENT
LIMITERS

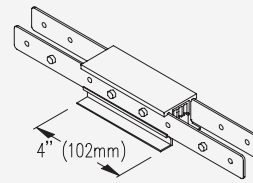
FEED



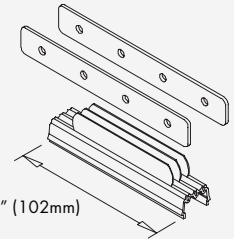
End Feed

In-Line Feed

► Low-profile Feeds are available on special order.



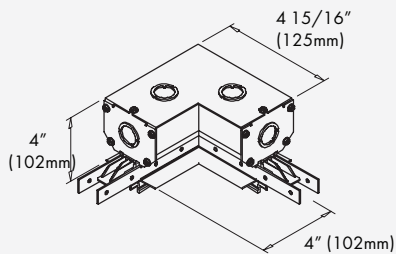
Dead Splice



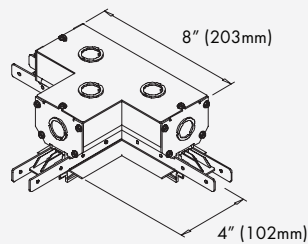
Live Splice

SPLICE

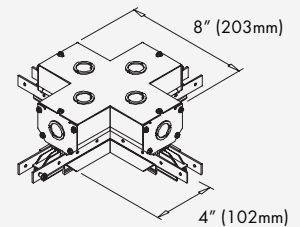
JOINTS



SLRR/LJ



SLRR/TJ



SLRR/XJ

SIGHTLINE RR

3-busbar recessed track system

SLRR

| COMPONENT | PRODUCT CODE (WHITE) | DESCRIPTION |
|--------------|----------------------|--|
| 4' Track | SLRR/4 | Individual 4'0" length of track with one end cap and three hangers. Add+ DBL HANG for extra hangers required for wall mounting |
| 8' Track | SLRR/8 | Individual 8'0" length of track with one end cap and three hangers. Add+ DBL HANG for extra hangers required for wall mounting |
| End Feed | SLRR/EF | Component for electrical feed at the end of a track. Includes splice compartment; no outlet box required. |
| In-Line Feed | SLRR/IF | Component for electrical feed between tracks. Includes splice compartment; no outlet box required. |
| Live Splice | SLRR/LS | Components for joining two tracks and connecting their electrical conductors. Fits within track. |
| Dead Splice | SLRR/DS | Component for joining two tracks without connecting their electrical conductors. Adds 4" of length to track. |
| L-Joint | SLRR/LJ | 90° joint prewired to connect circuits of adjacent tracks; may be used as an electrical feed. |
| T-Joint | SLRR/TJ | T-joint prewired to connect circuits of adjacent tracks; may be used as an electrical feed. |
| X-Joint | SLRR/XJ | X-joint prewired to connect circuits of adjacent tracks; may be used as an electrical feed. |
| 0.5A Limiter | SLRR/LIM.5 | 0.5-amp current limiter, one reset button for each circuit; place adjacent to End or In-Line Feed. |
| 1A Limiter | SLRR/LIM 1 | 1-amp current limiter, one reset button for each circuit; place adjacent to End or In-Line Feed. |
| 3A Limiter | SLRR/LIM 3 | 3-amp current limiter, one reset button for each circuit; place adjacent to End or In-Line Feed. |
| 5A Limiter | SLRR/LIM 5 | 5-amp current limiter, one reset button for each circuit; place adjacent to End or In-Line Feed. |
| 10A Limiter | SLRR/LIM 10 | 10-amp current limiter, one reset button for each circuit; place adjacent to End or In-Line Feed. |
| Track Cover | SLRR/CVR | 8'6" length of cuttable cover, snaps into the open void of the track; white finish, may be painted in field. |

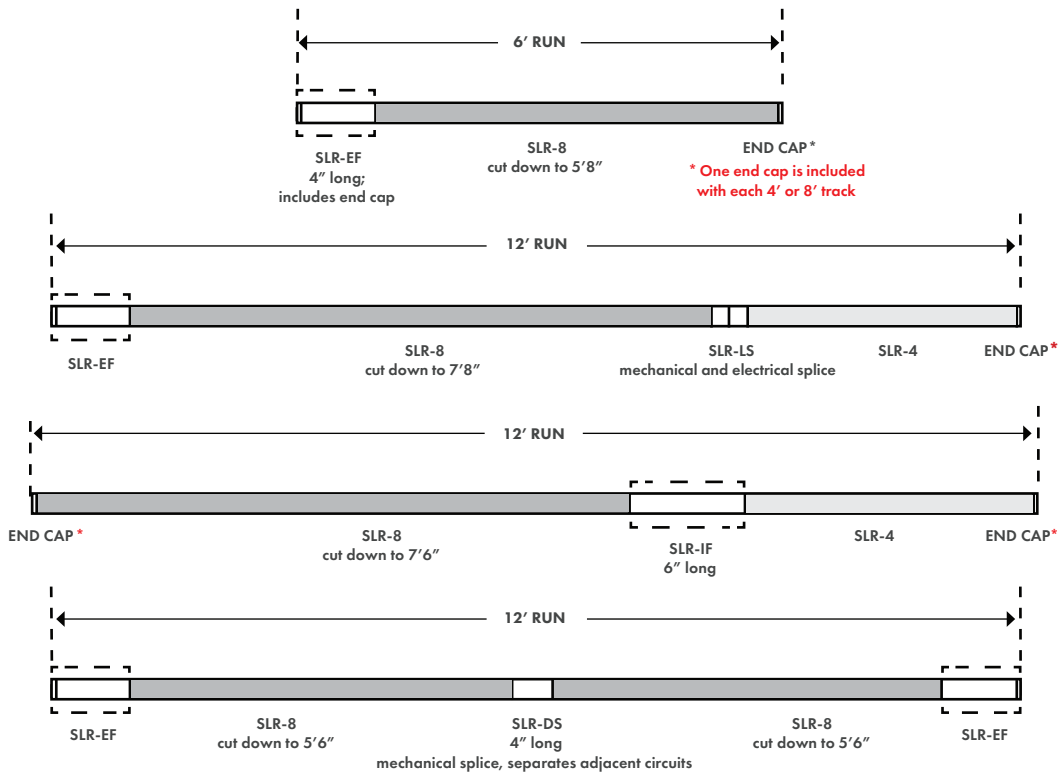
*Note: 12' lengths of track are available on special order; contact factory.

SIGHTLINE RR

3-busbar recessed track system

SLRR

LAYOUT EXAMPLES



REMEMBER: You can cut **Sightline RR** to the lengths you need for your project

20'4" RUN



20'6" RUN



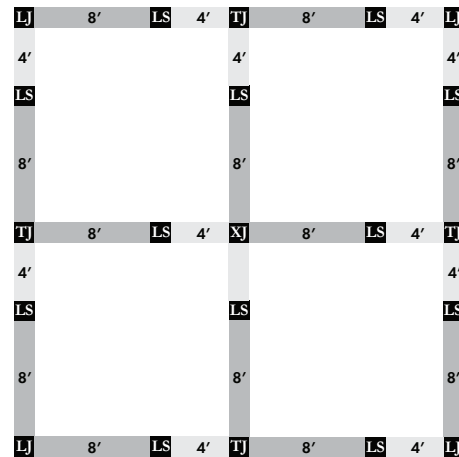
CIRCUIT 1&2

CIRCUIT 1&2

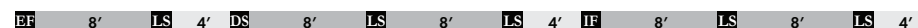
20'4" x 12'4" L-shape



25'4" x 25'4" GRID



53'2" RUN



CIRCUIT 1&2

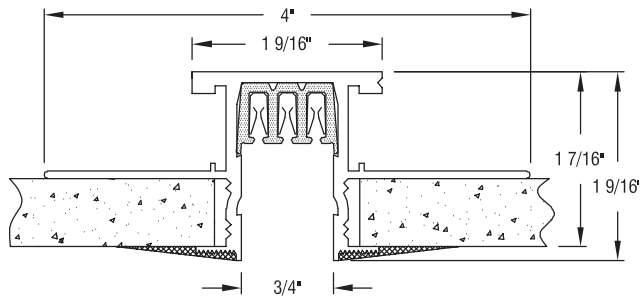
CIRCUIT 3&4

CIRCUIT 5&6

SIGHTLINE RR

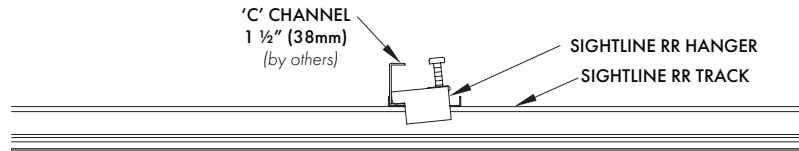
3-busbar recessed track system

SLRR



Note: Feed and Joint components are 4" (102mm) deep; see next page

MOUNTING



CEILING

SightLine RR is suitable for recessed mounting in sheetrock ceilings by means of hangers attached to C channels every 48". Standard tracks include hangers sufficient for mounting every 48".

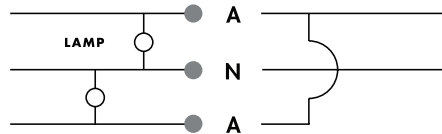
WALLS

SightLine RR is suitable for recessed mounting in sheetrock walls by means of hangers attached to C channels every 24". See next page for the +DBL HANG product code for this option.

WIRING

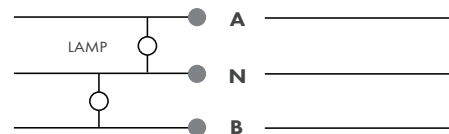
SightLine can be wired in two ways.

Single Circuit limited to 120 volts, 20 amps, single phase.



Two-Circuit

limited to 20 amps each, 120/240 volts, split single phase.



SightLine RR: Accessible Feeds

SightLine RR Feeds are listed for access from below. Electrical service wire and 'jumper' wires to other tracks, if any, must be solid AWG #12 and must be

connected directly to the terminal block in the Feed. No splices are allowed. Source: UL File No. E137995, Volume 1, Section 6, Figure 26; issued May 20, 1994.