

LA-23-R, LA-23T-R, LA-33-R

1-Circuit Current Limiting Power Feeds

Specifications/Features

Power Canopy

Power feed limits the amount of electrical load that can be placed on the circuit.

Plastic Polycarbonate Lexan™ wire cover.

Galvanized steel mounting plate.

Center pryout allows feeding from the junction box.

Tamper-proof steel mounting screws secure cover to the plate.

Includes 1' of track connected to housing with end cap. To add additional track length, an LA-2 Conductive Mini-Connector, or other track connector, **must** be used. Connectors sold separately.

LA-23-R and LA-33-R only

(3) 7/8" diameter pryouts for electrical feed, (2) are offset to accommodate grid ceiling runners.

(2) Ground terminals for supply ground wire.

(4) Oval mounting holes on 3-1/2" centers secure connector to junction box or mounting surface.

Circuit Breakers

Illuminated circuit breakers are sold separately.

Illuminated rocker switch is easily seen from floor level to confirm that power is being supplied to track circuit.

Can be used as a standard ON/OFF switch.

Quick connect blade terminals; easy connection to included pigtailed.

Breaker snaps into the power feed without the use of tools.

Electrical

120V/60Hz capacity.

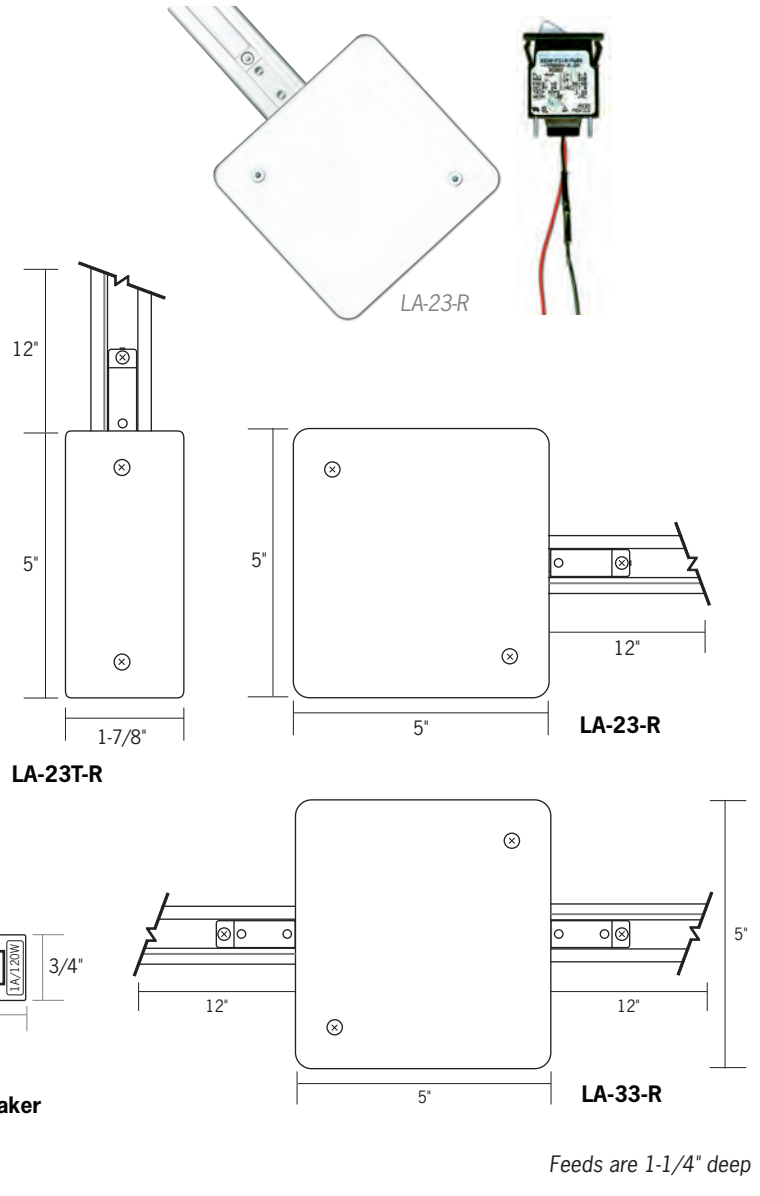
All wiring should meet National and local electrical codes.

Use 12 gauge, 90°C minimum supply wire.

Labels/Usage

cCSAus Certified.

This product complies with CEC Title 20 for Current limiting devices on Track Systems.



Ordering Information

Example Order: - -

Power Canopy

Finish

Circuit Breaker

Finish

- LA-23-R** - Single Circuit End Feed Current Limiting Device, 1' Attached Track*
- LA-23T-R** - Single Circuit Thin End Feed Current Limiting Device, 1' Attached Track*
- LA-33-R** - Single Circuit In-Line Feed Current Limiting Device, 1' Attached Track*

- B** - Black
- P** - White
- S** - Silver

- REG0.50A** - 60W, 0.5A
- REG1** - 120W, 1A
- REG21** - 240W, 2A
- REG3** - 300W, 2.5A
- REG4** - 360W, 3A
- REG5** - 480W, 4A
- REG6** - 600W, 5A
- REG7** - 720W, 6A
- REG8** - 840W, 7A
- REG9** - 900W, 7.5A
- REG91** - 960W, 8A
- REG10** - 1200W, 10A
- REG12** - 1440W, 12A
- REG14** - 1680W, 14A

- B** - Black
- P** - White
- S** - Silver

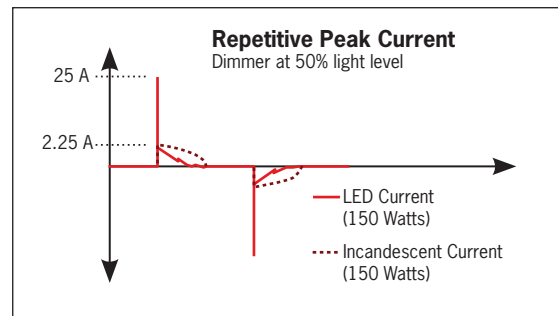
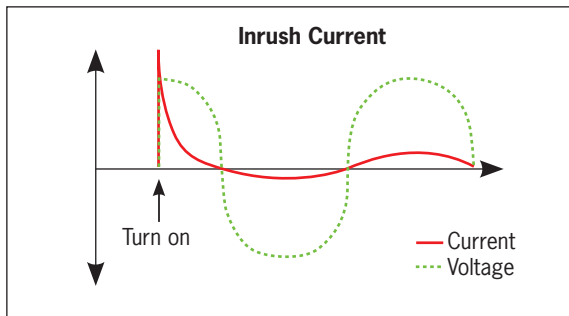
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T1-Circuit Current Limiting Power Feeds

InRush Current

Inrush Current is input current of short duration which occurs at start-up that is greater than the normal operating current of an LED lamp or luminaire. For example, the number of lamps or luminaires able to be installed on a circuit seems like a simple question to answer, but when using an LED load, a 300W dimmer with a 50W luminaire does not necessarily mean 6 luminaires can be used on this dimmer. While the luminaire may draw 50W continuously, it may have a start-up inrush current which draws a much higher load. These higher loads are why the LED luminaire load rating is usually less than the maximum rating of the dimmer. When designing a circuit of LED luminaires, you should leave at least 25% of the circuit capacity open to accommodate this condition, but specific system properties may require more capacity.



Source: Lutron