

# LBC22-REG

## Lux Beam Power Limiter Feed Assembly

### Specifications/Features

#### Power Canopy

This power feed limits the amount of electrical load that can be placed on the circuit.  
 Plastic Polycarbonate Lexan™ wire cover  
 Galvanized steel mounting plate.  
 (3) 7/8" diameter pryouts for electrical feed, (2) are offset to accommodate grid ceiling runners.  
 (2) ground terminals for supply ground wire.  
 Center pryout allows feeding from junction box.  
 (4) oval mounting holes on 3.5" centers secure connector to junction box or mounting surface.  
 Tamper proof steel mounting screws secure cover to plate.

#### Circuit Breakers

Illuminated circuit breakers are sold separately.  
 Can be used as a standard ON/OFF switch.  
 Quick connect blade terminals for easy connection to included pigtails.  
 Illuminated Rocker Switch is easily seen from floor level to confirm that power is being supplied to track circuit.  
 The breaker snaps into the power feed without the use of tools.

#### Electrical

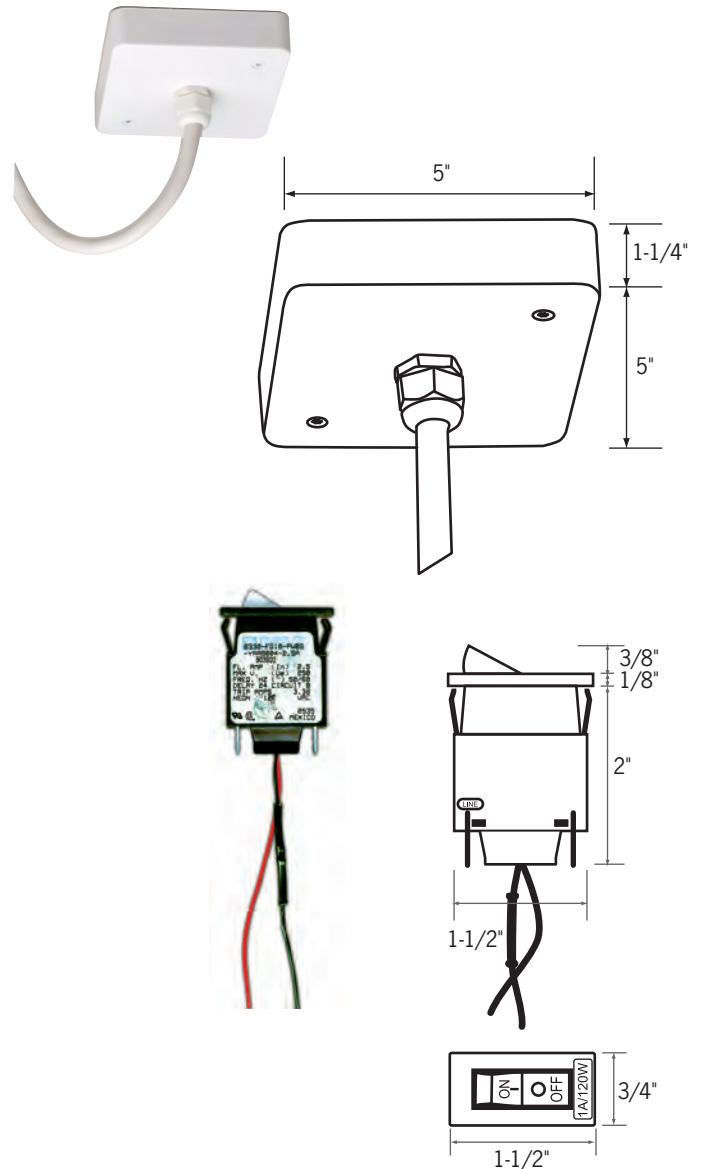
120V/60Hz capacity.  
 All wiring should meet National and local electrical codes.  
 Use 12 gauge 90° C minimum supply wire.

#### Warranty

This fixture is covered by ConTech's full one year replacement guarantee after date of purchase.

#### Listing

cCSAus Certified.



### Ordering Information

Example Order:  —

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Power Limiter Feed Canopy

Finish

**LBC22-310REG** - 12/3 SJT, 10' L  
**LBC22-320REG** - 12/3 SJT, 20' L  
**LBC22-410REG** - 12/4 SJT, 10' L  
**LBC22-420REG** - 12/4 SJT, 20' L

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

Circuit Breaker

Finish

**REG0.05** - 60W, 0.5A    **REG7** - 720W, 6A  
**REG1** - 120W, 1A        **REG8** - 840W, 7A  
**REG2** - 210W, 1.75A    **REG9** - 900W, 7.5A  
**REG21** - 240W, 2A       **REG91** - 960W, 8A  
**REG3** - 300W, 2.5A      **REG10** - 1200W, 10A  
**REG4** - 360W, 3A        **REG12** - 1440W, 12A  
**REG5** - 480W, 4A        **REG14** - 1680W, 14A  
**REG6** - 600W, 5A

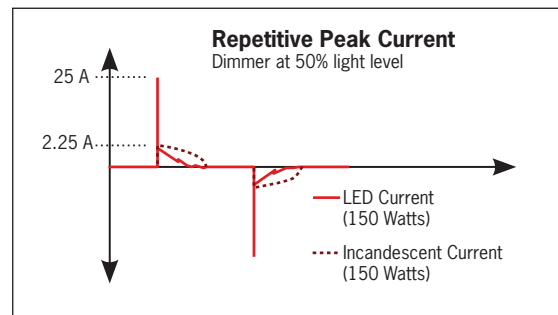
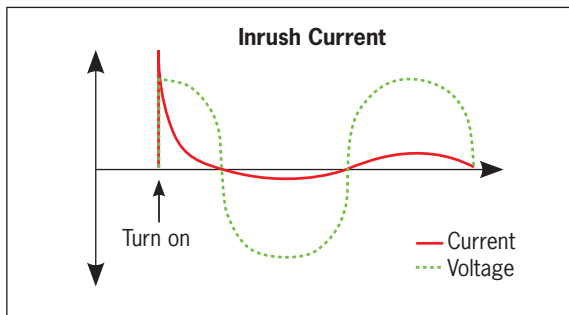
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## Lux Beam Power Limiter Feed Assembly

### 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