

## LED Strip Retrofit: 8-Foot



### Applications

Commercial facilities                      Warehouse applications  
Manufacturing facilities                      Retail stores

### Features

- Construction
  - Simple one piece construction, compact design, trouble free installation.
  - Code-gauge cold rolled steel
  - High gloss, baked enamel finish
  - Fits 4.3 in. wide strips
- High output LEDs provide 80+ CRI in 4000K and 5000K colors
- L70 is predicted to be 75,000 hours
- Standard: Multi-volt (110 – 277V) input and 0-10V dimming driver
  - Optional factory pre-wiring for 0-10V dimming
- NEC compliant luminaire power disconnect standard
- Contents: 2 geartray with fully wired LED engine and driver; 12 tek screws; 4 geartray tethers (contents may vary with configuration)
- UL Classified
- 5 Year warranty
- System Designed, Manufactured, Tested, and Approved in Mendenhall, Mississippi

Project:	
Catalog#:	
Approved by:	

### Description

LSR8 series LED strip retrofit kit is a simple, energy efficient and cost-effective upgrade to existing 96" strip fixtures. This LED retrofit kit offers long life, several lumen output and length configurations. It is ideal for use in commercial, retail, manufacturing and warehouse applications.

### Benefits

- Energy Saving Compared to fluorescent systems
- Exceptional Color Rendering
- High System Efficacy
- Long LED Life
- Installation Steps
  - Power off existing fluorescent strip fixture.
  - Remove existing lampholders and ballast.
  - Screw geartray tethers into existing fixture to hang geartray.
  - Insert incoming power leads into ballast disconnect plug.
  - Screw retrofit geartray to fixture body using front screw holes (primary) or side screw holes (secondary).

### Sample Ordering Information

LSR8504V  
8-Foot LED Strip Retrofit  
50 Input Watts  
4,000K Color  
Prewired for dimming

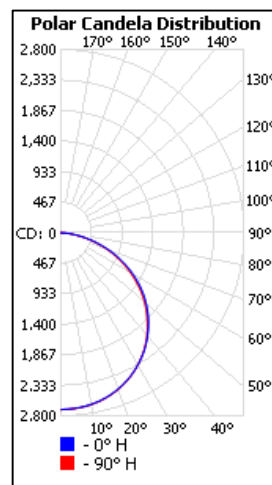
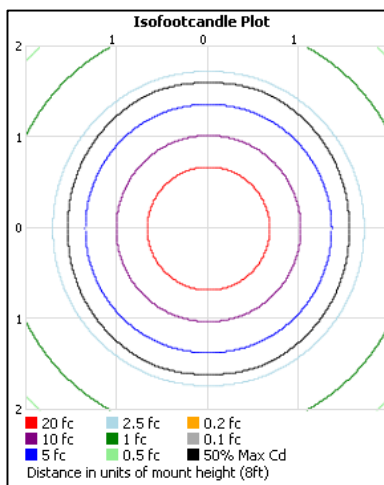


Ordering Information					Photometric Performance
Model	Fixture Length	Input Watts	CCT	Factory Installed Options	Delivered Lumens; 4,000K CCT models
LSR	8: 96"	50	4: 4,000K 5: 5,000K	(blank): No FIO V: Prewired for dimming	6074
		60			6974
		70			8031
		80			8696
		100			10532
		120			13948

**RAPID SHIP MODEL:** LSR8704 – 70 Input watts, 4000K color, 8031 delivered lumens, 84 CRI

**Photometric Data**

Luminaire	LSR8-70-4
Lumens (Lm)	8031
Input Power (W)	69.66



Projected Lumen Maintenance – Calculated L70 (30% lumen depreciation) is 75,000 hours						
Usage (hours per day)		10	12	16	20	24
Lumen Maintenance	End of 1 <sup>st</sup> year	98%	98%	97%	97%	96%
	End of 3 <sup>rd</sup> year	95%	94%	92%	90%	88%
	End of 5 <sup>th</sup> year	92%	90%	87%	84%	81%
Number of years to L70		20.5	17.1	12.8	10.3	8.6

**Operational Data**

Model Identifier	NOMINAL Input Power (W)	Delivered Lumens @4000K CCT	Delivered Lumens @5000K CCT	Equivalent Source
LSR8	50	52	6074	2-lamp 32W T8, 1-lamp 54W T5HO
	60	60	6974	3-lamp 32W T8, 2-lamp 54W T5HO
	70	70	8031	3-lamp 32W T8, 2-lamp 54W T5HO
	80	81	8696	4-lamp 32W T8, 2-lamp 54W T5HO
	100	104	10532	4-lamp 32W T8, 3-lamp 54W T5HO
	120	119	13948	4-lamp 32W T8, 3-lamp 54W T5HO