

LED Strip Retrofit: 4-Foot



Project:	
Catalog#:	
Approved by:	

Description

LSR4 series LED strip retrofit kit is a simple, energy efficient and cost-effective upgrade to existing 48" 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.

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
- Optional snap-on diffused lens for glare free lighting
 - Snap-on coupler available for easy continuous row mounting
- 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: 1 geartray with fully wired LED engine and driver; 6 tek screws; 2 geartray tethers (contents vary with configuration)
- UL Classified
- 5 Year warranty
- System Designed, Manufactured, Tested, and Approved in Mendenhall, Mississippi

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

LSR4504SDV
4-Foot LED Strip Retrofit
50 Input Watts
4,000K Color
Snap-on diffused lens
Prewired for dimming



Ordering Information

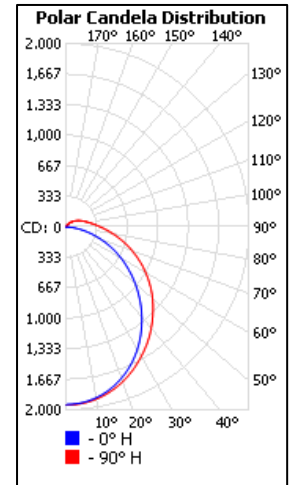
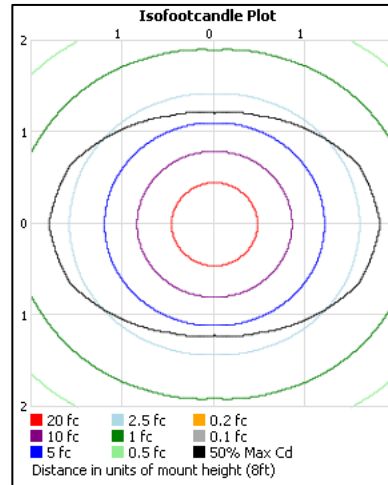
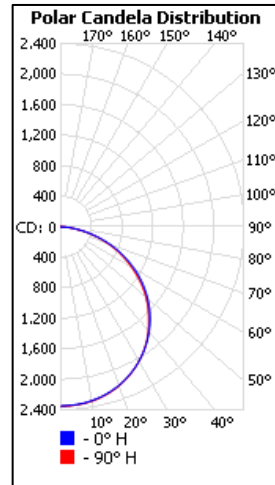
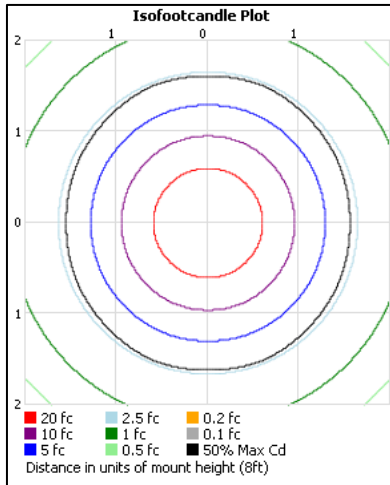
Model	Fixture Length	Input Watts	CCT	Lens	Factory Installed Options	Photometric Performance	
						Delivered Lumens; 4,000K CCT models	
						No-Lens	With Lens
LSR	4: 48"	30	4: 4,000K 5: 5,000K	(blank): No Lens SD: Snap-on diffused lens	(blank): No FIO V: Prewired for dimming	3261	3015
		40				4348	4020
		50				5266	4869
		60				6997	6335

RAPID SHIP MODEL: LSR4404 – 40 Input watts, 4000K color, 4348 delivered lumens, 84 CRI

Photometric Data

Luminaire	LSR4-60-4 No-Lens version
Lumens (Lm)	6997
Input Power (W)	59.64

Luminaire	LSR4-60-4-SD Lens version
Lumens (Lm)	6335
Input Power (W)	59.25



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 st year	98%	98%	97%	97%	96%
	End of 3 rd year	95%	94%	92%	90%	88%
	End of 5 th 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
		No lens	With lens	No lens	With lens	
LSR4	30	3261	3015	3155	2940	1-lamp 32W T8, 1-lamp 54W T5HO
	40	4348	4020	4207	3920	2-lamp 32W T8, 1-lamp 54W T5HO
	50	5266	4869	5095	4711	2-lamp 32W T8, 1-lamp 54W T5HO
	60	6997	6335	6770	6178	3-lamp 32W T8, 2-lamp 54W T5HO

Accessories (sold separately)

UPC Code	Model Family	Description
08338	LSR-LENS-FRST	Frosted Lens
08339	LSR-ENDCAP	End Cap
08340	LSR-COUPLER	Coupler
08342	LSR4-SD-LENS-KIT	(1) Lens, (2) Endcaps, Hardware
08343	LSR8-SD-LENS-KIT	(2) Lens, (2) Endcaps, (1) Coupler, Hardware



Snap-on coupler available for easy continuous row mounting