

LS1

4' LED Linear Strip

Project _____

Catalog _____

Type _____

Product Description

The LS1 LED Linear Strip brings a slim design to task and general ambient lighting for surface mount ceiling applications. This economical, energy-efficient lighting solution is a perfect replacement for 2-lamp fluorescent strips and some wraparound fixtures. The LS1's milky white lens provides a more polished, higher-end look to the fixture and yet is an affordable alternative for retail, light industrial, warehouse and utility applications.

Construction

- Heavy 20 gauge steel construction
- Smooth sides for safe handling

Optical System

- Semicircular milky white diffuser eliminates hotspots and pixelation

Electrical

- Utilizes high performing LEDs
- Driver delivers full-range dimming from 0 - 10VDC
- Silent and flicker-free operation
- Tight LED binning ensures color uniformity
- Operating temperature of 0° to 120°F (-18°C to 40°C)
- Universal input 120-277VAC
- Greater than 115 lumens per watt
- TM-21 Projected L70(9k) life >54,000 hours
- LM-79, LM-80 testing performed in accordance with IESNA standards

Mounting and installation

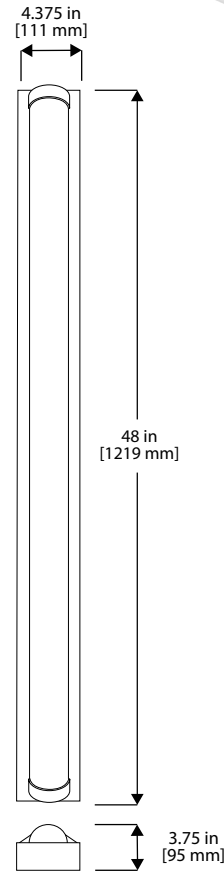
- Easy surface mount installation
- Removable fixture housing allows easy access for mounting and wiring
- Can be surface mounted to walls and ceilings for application variability
- Knockouts for easy end-to-end runs
- Same form factor as standard 2-lamp fluorescent fixture

Finish

- White powder coat finish

Warranty

- 5 year warranty standard



PRODUCT INFORMATION

	10S	10H
LED Lifetime Projected:	54,000 Hours	54,000 Hours
Input Voltage:	120-277V	120-277V
Power Draw:	25W	47W
Delivered Lumens:	2948	5393
System Efficacy:	117 Lm/W	115 Lm/W
Dimmable:	0-10V	0-10V
Fixture Length:	48 in. (1219mm)	48 in. (1219mm)
Fixture Width:	4.375 in. (111mm)	4.375 in. (111mm)
Fixture Height:	3.75 in. (95mm)	3.75 in. (95mm)



Ordering Information

Series	Output	Voltage	CCT's Example: LS1-10S-UNV-40
LS1	10S (Standard Output)	UNV (120-277V)	30 (3000 K)*
	10H (High Output)		40 (4000 K)

Specifications and dimensions subject to change without notice.

*Consult factory for availability

Photometric Data - Type C Goniophotometer

LS1-10S-UNV-40K

Luminaire	10S 4000K
Input Voltage (VAC)	120-277
System Level Power (W)	25
Delivered Lumens (Lm)	2948
System Efficacy (Lm/W)	117
Correlated Color Temp (K)	3932
Color Rendering Index (CRI)	84

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	560	19.1%
0-40	913	31.9%
0-60	1739	57.2%
0-90	2594	88.9%
90-180	324	11.1%
0-180	2998	100%



LS1-10H-UNV-40K

Luminaire	10H 4000K
Input Voltage (VAC)	120-277
System Level Power (W)	47
Delivered Lumens (Lm)	5393
System Efficacy (Lm/W)	115
Correlated Color Temp (K)	3997
Color Rendering Index (CRI)	86

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	997	19.1%
0-40	1673	31.9%
0-60	3108	59.2%
0-90	4668	88.9%
90-180	583	11.1%
0-180	5251	100%

