

NICOR[®] | **LED**

LED Linear Strip Light
LS1



Making Fluorescent Strip Lights a Thing of The Past

LS1

LED Linear Strip Light

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 alternative to 2-lamp fluorescent strips. The LS1's milky white lens provides a more polished, higher-end look to the fixture and yet is an affordable alternative for retail, warehouse, light industrial and residential utility applications.

Light Uniformity

No visible diodes, hot-spots, or shadows providing high uniformity, and reduced glare.

Standard 2-Lamp Body

A standard 2-lamp body allows for an easy upgrade from fluorescent fixtures.

Precision Optics

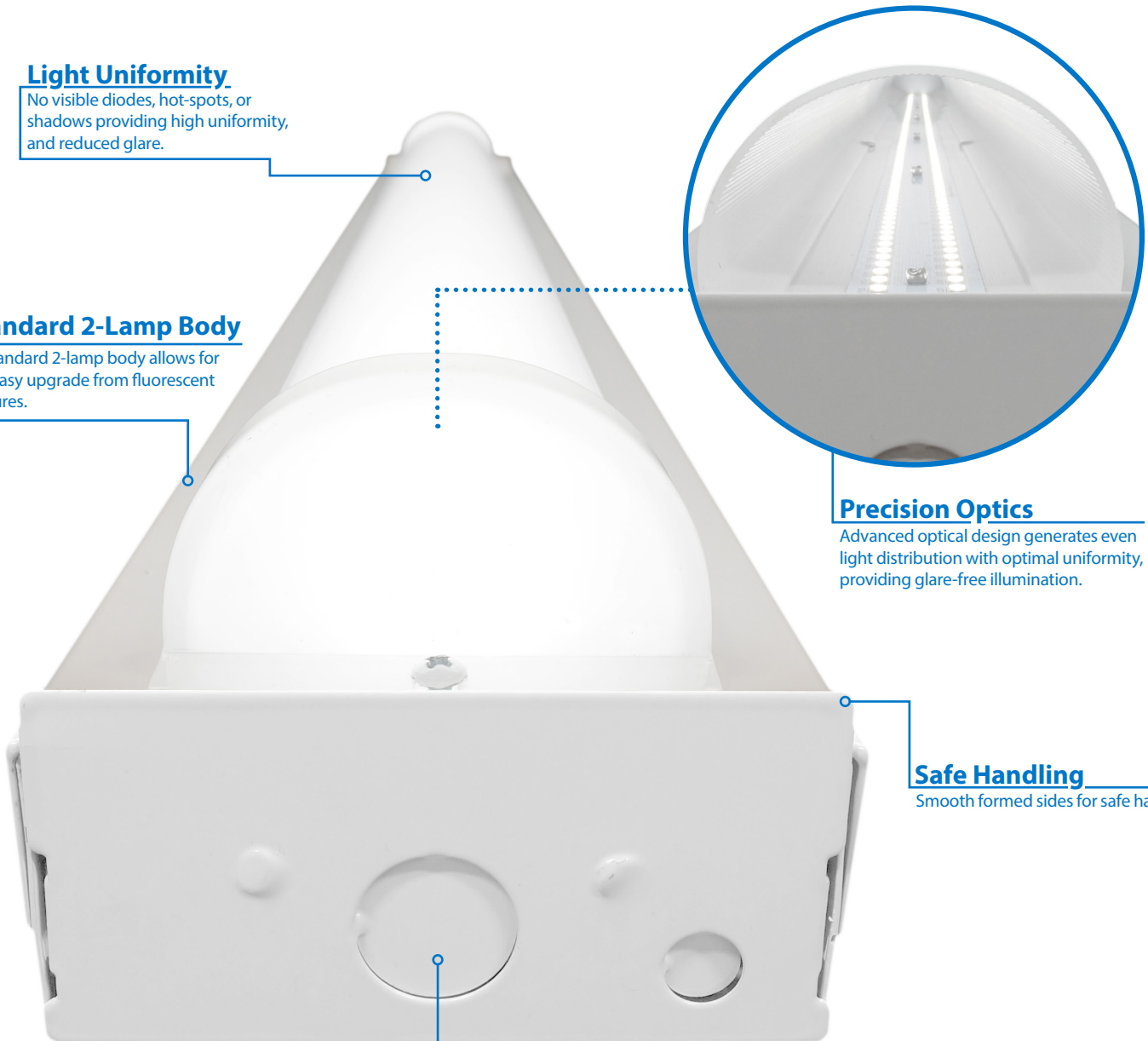
Advanced optical design generates even light distribution with optimal uniformity, providing glare-free illumination.

Safe Handling

Smooth formed sides for safe handling.

Multiple Knockouts

Center and end knockouts provide for flexible installation and adjacent mounting.





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 (4ft)
- LM-79, LM-80 testing performed in accordance with IESNA standards

Mounting and installation

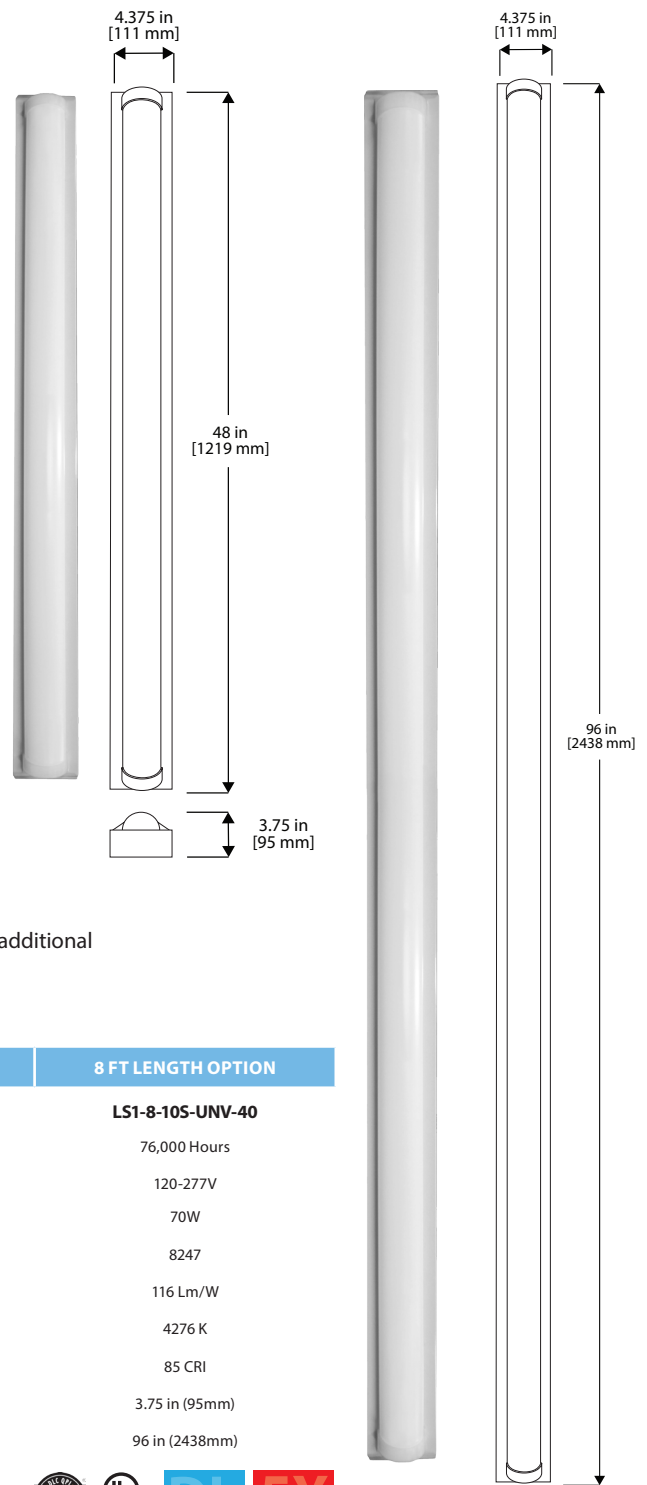
- Easy surface mount installation
- Mounting points for hook and chain, cable, and pendant mount
- Removable fixture housing allows easy access for mounting and wiring
- Can be surface mounted to walls and ceilings for application variability
- Knockouts provide for easy end-to-end runs
- Similar form factor to 2-lamp fluorescent fixture

Finish

- White powder coat finish

Warranty

- 5 year warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the fixture or electrical distribution panel



Product Information

	4 FT LENGTH OPTIONS		8 FT LENGTH OPTION
	LS1-10S-UNV-40	LS1-10H-UNV-40	LS1-8-10S-UNV-40
TM-21 Projected L70(9k) LED Lifetime:	54,000 Hours	54,000 Hours	76,000 Hours
Input Voltage:	120-277V	120-277V	120-277V
Power Draw:	25W	47W	70W
Delivered Lumens:	2948 Lm	5393 Lm	8247
System Efficacy:	117 Lm/W	115 Lm/W	116 Lm/W
Correlated Color Temp:	3932 K	3997 K	4276 K
Color Rendering Index:	84 CRI	84 CRI	85 CRI
Fixture Height:	3.75 in (95mm)	3.75 in (95mm)	3.75 in (95mm)
Fixture Width:	48 in (1219mm)	48 in (1219mm)	96 in (2438mm)

Product Specifications:



ORDERING INFORMATION

Example: LS1-10S-UNV-40

Series	Length	Output	Voltage	CCT's
LS1	blank (4 ft)	10S (Standard Output)	UNV (120-277V)	30 (3000 K)**
	8 (8 ft)	10H (High Output)*		40 (4000 K)
				50 (5000 K)

All reports based on current industry standards; field performance may differ from laboratory performance
Specification and dimensions subject to change without notice

* High Output available in 4 ft length only
** Consult factory for availability

Warehouse Locations

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