

The N-44LSD series is a premium LED luminaire ideal for perimeters, hallways, lobbies and where other commercial applications where modern direct or bi-directional lighting may be utilized.

N-44LSD linear surface/suspended



Features and Specifications:

Construction:

- Custom extruded diffuser offers high light transmission with excellent LED diffusion
- Precision fabricated steel housings are an economic alternative to extruded aluminum

Size Options:

- Available in 2', 4', 6' and 8' lengths (nominal)

Listing & Ratings:

- All fixtures are U.L. Certified and Union made in the USA
- Meets Buy America Act (ARRA)
- Reported per TM-21 L70(10k) > 60,000hrs

Mounting Options:

- Surface or cable mount (specify "HK" when ordering)

Power:

- External +24VDC from Power hub Driver (contact Nextek - 313-887-1321 or info@nextekpower.com)
- Safe, pre-wired class 2 operation, plug and play connection to fixture
- Compatible with Sigtex relays for emergency lighting

Warranty:

- When installed and operated by Nextek Power Systems' Power hub Driver (PhD) or Blade Server, the purchaser of these DC fixtures enjoys a 10-year limited warranty from Nextek Power Systems

See page 2 for lumen chart & dimensions

Ordering Guide / Example

N-44LSD-424B-35K-1

N-44LSD -		B		-	
Series	Size	Wattage	Lens Options	CCT	General Options
N-44LSD = linear direct surface or suspended	2 = 2' nominal	12 = 12W (2' only)	B = Bottom lens	30K = 3000K	1 = +24VDC cUL-F = French markings as required by local jurisdiction EM = Sigtex Emergency Lighting Relay BOR = Beginning of run (6' and 8' only) INT = Intermediate (6' and 8' only) EOR = End of run (2'-8") HK = Hanging kit - 4' aircraft cable mount
	4 = 4' nominal	18 = 18W (2' only)		35K = 3500K	
	6 = 6' nominal	24 = 24W (4' only)		40K = 4000K	
	8 = 8' nominal	36 = 36W (4' & 6' only)		50K = 5000K	
		48 = 48W (8' only)		35K90 = 3500K / 90CRI	
		72 = 72W (8' only)		40K90 = 4000K / 90CRI	
		96 = 96W (8' only)			

Consult factory for additional options not shown or listed
Hanging kit included for longer runs - contact factory

Correlated Color Temperatures (CCTs) fall within the nominal range as per ANSI C78.377A

Project Information:

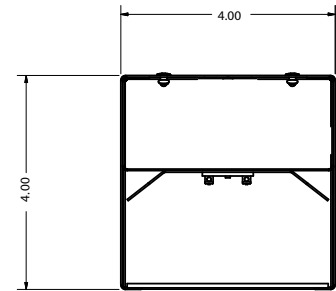
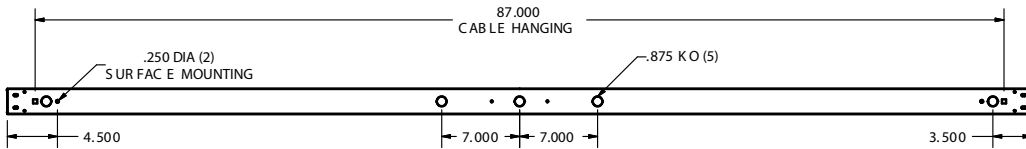
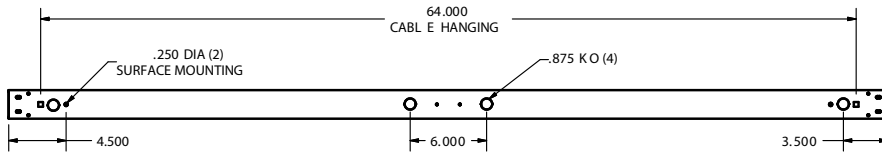
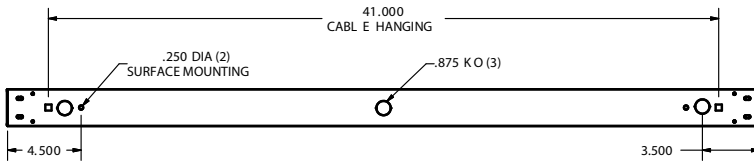
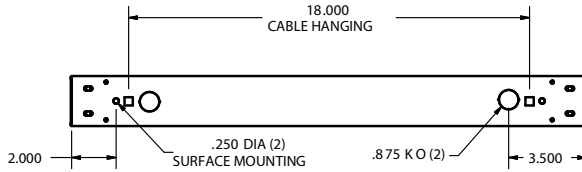
Job Name:	Fixture Type:
Catalog #:	Date:
Comments:	

Certification & Listings:



BEFORE INSTALLATION, PLEASE CONSULT YOUR LOCAL ORDINANCES AND BUILDING CODES FOR COMPLIANCE

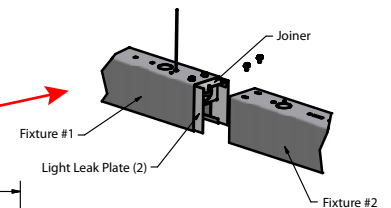
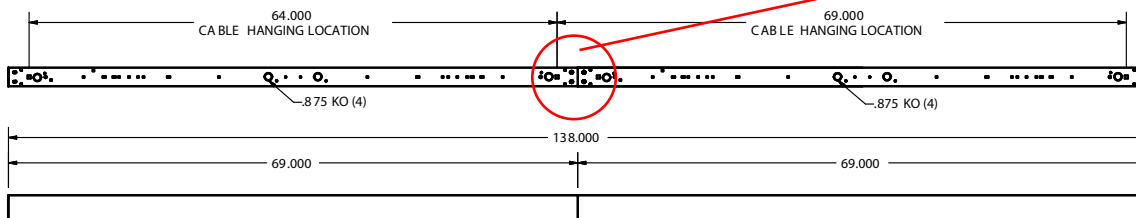
Dimensions



Length Chart

Size	
2'	23.125"
4'	46"
6'	69"
8'	92"

Typical Run Configuration (12' example shown)



LED Lumen/Wattage Chart - 3500K

Input Wattage [VA]							
2'		4'		6'	8'		
12W	18W	24W	36W	36W	48W	72W	96W
1304 Lu	1912 Lu	2608 Lu	3825 Lu	3912 Lu	5216 Lu	7649 Lu	10432 Lu

Lumen Multipliers

	80 CRI	90 CRI
3000K	0.98	0.84
3500K	1.00	0.86
4000K	1.02	0.88
5000K	1.05	0.91

LAMAR LED assumes no responsibility for misapplication of fixtures

Due to the rapid advancements in LED technology, please consult our website for the most current technical data.

Specifications subject to change without notice - Rev 0721