NLIN

L-Line LED Direct Linear Series
Source: 23W to 82W LED
2100lm to 8400lm

Type
Project
Catalog No.
Notes

PRODUCT DESCRIPTION

L-Line series offers a clean and modern appearance with a sleek extruded aluminum housing. Symmetrical light distribution will evenly illuminate surfaces with a diffused lens, making the L-Line ideal for commercial, retail, healthcare and education applications. Available in surface or pendant mounting options. Series can be connected with seamless luminous L,X or T connectors.

FEATURES

· 2100lm, 4200lm or 8400lm LED packages
· 3000K, 3500K, 4000K
· Surface mount or pendant kits available
· 120-277V input and 0-10V dimming

SPECIFICATION

Construction: One piece extruded aluminum housing with solid end caps. Includes diffused polycarbonate lens for symmetrical light distribution. All components are aluminum finish except for surface mount J-box cover which is white.

Mounting: Luminaires include an extruded slot for surface mounting or pendant mounting. Junction box cover is available for surface mounting applications. When pendant mounting, it is recommended to use two hanging points (NLIN-CCA) per fixture. Power mounting kit includes two hanging points. The system can not be powered at the L, T, and X connectors.

ELECTRICAL

Input Voltage: 120-277V
Lumens / Wattage:
NLIN-2 = 2100lm / 23W; **NLIN-4** = 4200lm / 41W; **NLIN-8** = 8400lm / 82W
NLIN-X = 5200lm / 47W; **NLIN-T** = 4600lm / 46W; **NLIN-L** = 3000lm / 31W
Color Temperature: 3000K, 3500K, 4000K
Color Rendering Index: 80+ CRI
Operating Temperature: 0°C to 30°C
Dimming: 0-10V dimming down to 10%
Maximum Run Length: 80'

ACCESSORIES

NLIN-PCCA: 8' Pendant & Power Mounting Kit (aircraft + power cord canopy & aircraft canopy)
NLIN-PCCA/20: 20' Pendant & Power Mounting Kit (aircraft + power cord canopy & aircraft canopy)
NLIN-CCA: 8' Pendant Mounting Kit (aircraft canopy)
NLIN-CCA/20: 20' Pendant Mounting Kit (aircraft canopy)
NLIN-JBCA: Surface Mounting Kit (junction box cover, decorative end caps and mounting hardware)

LABELS AND LISTINGS

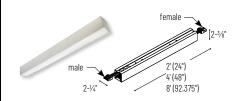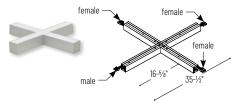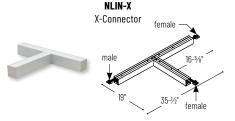· cULus Listed for Damp Location
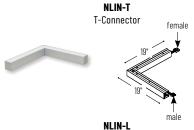· 5-Year Limited Warranty

PRODUCT IMAGES & DIMENSIONS

NLIN-2 / NLIN-4 / NLIN-8
L-Line LED Linear

NLIN-X
X-Connector

NLIN-T
T-Connector

NLIN-L
L-Connector

NLIN-PCCA Pendant & Power Mounting Kit	**NLIN-CCA** Pendant Mounting Kit	**NLIN-JBCA** Surface Mounting Kit

L-Line LED Linear - Mounting kits are required

Length	Lumens Per Foot	Color Temp.	Finish
NLIN-2 = 2' (actual length: 24")	**10** = 1050lm/ft.	**30** = 3000K	**A** = Aluminum
NLIN-4 = 4' (actual length: 48")		**35** = 3500K	
NLIN-8 = 8' (actual length: 92.375")		**40** = 4000K	**A/A** = Aluminum

Connector	Lumens Per Foot	Color Temp.	Finish
NLIN-X = X-Connector	**10** = 1050lm/ft.	**30** = 3000K	**A** = Aluminum
NLIN-L = L-Connector		**35** = 3500K	
NLIN-T = T-Connector		**40** = 4000K	

Mounting Kits

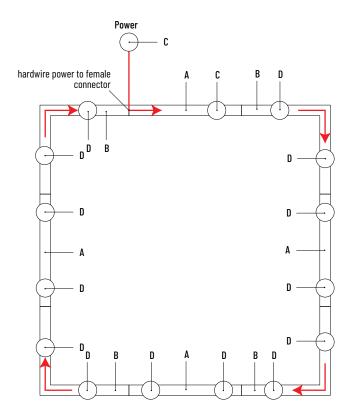| Description |
| --- |
| **NLIN-PCCA** = 8' Pendant & Power Mounting Kit (aircraft + power cord canopy & aircraft canopy) |
| **NLIN-PCCA/20** = 20' Pendant & Power Mounting Kit (aircraft + power cord canopy & aircraft canopy) |
| **NLIN-CCA** = 8' Pendant Mounting Kit (aircraft canopy) |
| **NLIN-CCA/20** = 20' Pendant Mounting Kit (aircraft canopy) |
| **NLIN-JBCA** = Surface Mount Kit |

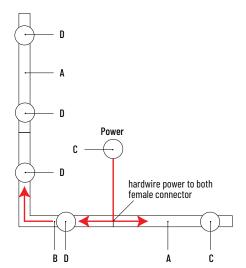Example: **NLIN-21030A** = 2' L-Line LED Linear, 1050lm/ft., 3000K, Aluminum finish

NLIN Sample Layout

L-Line LED Linear Series
Source: 23W to 82W LED
          2100lm to 8400lm

Power

hardwire power to female connector

	DESCRIPTION	ITEM #
A	L-Line LED Linear	NLIN-210 NLIN-410 NLIN-810
B	L-Connector	NLIN-L10
C	Power Kit	NLIN-PCCA
D	Pendant Kit	NLIN-CCA

Maximum Run Length: 80'

Power

hardwire power to both female connector

PHOTOMETRICS

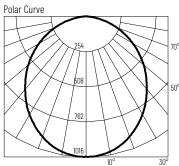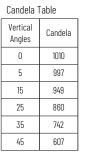## L-Line LED Linear Series

Test Information

Test Number: 12284668.01
Part Number: NLIN-21030A
Lumens: 2637lm
Wattage: 22W
Efficacy: 120lpw
CCT / CRI: 3000K / 80 CRI
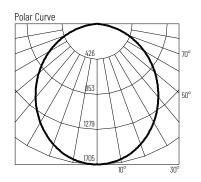Spacing Criteria (0º-180): 1.2
Spacing Criteria (90º-270): 1.2

Polar Curve

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	763	28.9
0-40	1227	46.5
0-60	2105	79.8
0-90	2637	100
90-180	0	0
0-180	2637	100

Candela Table

Vertical Angles	Candela
0	1010
5	997
15	949
25	860
35	742
45	607

Test Information

Test Number: 12284668.04
Part Number: NLIN-41030A
Lumens: 4453lm
Wattage: 38W
Efficacy: 118lpw
CCT / CRI: 3000K / 80 CRI
Spacing Criteria (0º-180): 1.2
Spacing Criteria (90º-270): 1.2

Polar Curve

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1286	28.9
0-40	2073	46.5
0-60	3562	80
0-90	4453	100
90-180	0	0
0-180	4453	100

Candela Table

Vertical Angles	Candela
0	1700
5	1681
15	1605
25	1460
35	1263
45	1033