

Project	
Notes	
Type	Date
Cat. No.	

LSX™ XE Series

Super Slim LED Linear Strip Luminaire

DESCRIPTION

The Aleo LSX™ XE Series Super Slim LED Linear Strip Luminaire delivers industry-leading performance with deep energy savings and continuous dimming. Low profile design offers easy handling and storage. This versatile luminaire produces energy-efficient, comfortable illumination for a myriad of applications.

APPLICATIONS

Excellent for general utility applications: Parking garage, warehouse, offices, restrooms, storage units, stairwell.



Specification Features



LSX Series

- 2' 10W
- 4' 26W, 40W
- 8' 65W

Construction

Integral LED gear tray and reflector with driver on board allows for easy installation and handling. Luminaire features matte white durable finish. Diffuser requires no additional frame or fastener for easy installation.

Optical System

Reflector systems features highly reflective coating and delivers balanced, comfortable luminance for productive spaces. Diffuser lens reduces glare and improves occupant comfort while maintaining high efficiency emission.

Certification

UL Listed. All components have UL certification. UL Class 2. Driver: SCP, OTP, OVP protection, FCC Part 15 Class B, UL8750 Class 2. DLC Premium

Warranty

7-year Limited Warranty. See warranty documentation for more information.

Electrical

Luminaire utilizes high-efficacy LED packages maintained at cool temperatures for long life, high efficacy. Reliable driver features continuous dimming. Universal voltage (120-277V) for convenient installation. Comes equipped with luminaire quick-disconnect.

Installation / Mounting

Strip can be suspended or surface mounted via mounting brackets.

Controls / Dimming

Continuous dimming (0-10V) comes standard. Suitable for use with dimmers, sensors, daylight harvesting and other control strategies to achieve deeper energy-savings and code compliance. Sensor accessory available: occupancy sensing with daylight cut-off.

- Rated Life 75,000 hours
- Limited Warranty 7-years
- Efficacy Up to 130 LPW
- Continuous Dimming



Quick Ship

- LSX-4HE-26/840 XE G3
- LSX-4HE-26/850 XE G3
- LSX-4VHE-40/840 XE G3
- LSX-4VHE-40/850 XE G3

Ordering Information

Example: LSX-4HE-26/840 XE G3

LSX	4	HE	26	8	40	[Blank]	Options
Series	Form Factor	Lumen Package	Nom. Wattage	CRI	Color Temp	Dimming	Controls*
LSX	2 2'	LE Low Wattage	2'	8 82+	40 4000K	Blank 0-10V Continuous Dimming	OSDL/IR Multi-Level Occ. Sensor w/ wireless config. * Contact factory for other control options and wireless capabilities
Super Slim LED Linear Strip	4 4' 8 8'	HE High Lumen VHE Very High Lumen	10 10W 4' 26 26W 40 40W 8' 65 65W	50 5000K			
							Emergency Backup
							EM700 700lm EM1400 1400lm

Specifications and Dimensions subject to change without notice.

Performance Summary

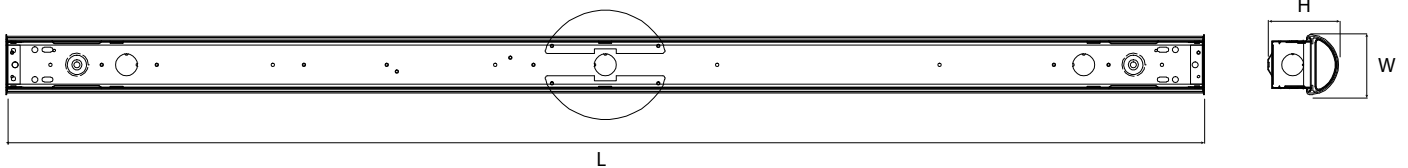
Input Voltage	120V-277V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	> 130 LPW (typ.)
CRI	82+, R9 > 0
Available CCT¹	4000K, 5000K
Color Consistency²	5-step MacAdam Ellipse
Rated Life	75,000 hours
L70³	> 72,000 hours
Power Factor	> 0.9
THD	< 20%
Dimming	0-10V Continuous (10-100%)
Operating Temp.	-20°C to 40°C



Performance Data

Form Factor	Catalog No.	Rated Wattage (W)	Tested Wattage (W)	4000K		5000K	
				Delivered Lumens (lm)	Efficacy (lm/W)	Delivered Lumens (lm)	Efficacy (lm/W)
2'	LSX-2LE-10/8xx XE G3	10	9.48	1200	120	1210	121
4'	LSX-4HE-26/8xx XE G3	26	24.6	3432	132	3458	133
	LSX-4VHE-40/8xx XE G3	40	38.9	5200	130	5280	132
8'	LSX-8HE-65/8xx XE G3	65	65.27	8450	130	8515	131

Product Dimensions



Form Factor	Length (L)	Height (H)	Width (W)
LSX-2'	22.20" (564mm)	2.8" (71.2mm)	2.36" (60mm)
LSX-4'	47.32" (1202mm)	2.8" (71.2mm)	2.36" (60mm)
LSX-8'	94.17" (2392mm)	2.8" (71.2mm)	2.36" (60mm)

NOTES:

- ¹ Quick ship: 4000K. Other CCTs may require a lead time or be special order
- ² Typical color consistency. May vary or be changed.
- ³ L70 hours calculated based on LED package manufacturer LM80 report and ISTMT report of LED in luminaire. Stated values are for select catalog numbers. Contact manufacturer for detailed information

Specifications and Dimensions subject to change without notice.

Control Pre-Commissioning*

Example: LSX-4HE-26/840 XE G3-OSDL/IR L2-10H-3L-10M-30M-5S-30S

L2	10H	3L	10M	30M	5S	30S
Lens / Coverage	High Level	Low Level	Time Delay	Cut-Off	Ramp Up	Fade Down
L2 8' height (60' dia.)	10H 100%	1L 10%	30S 30 sec.	#M 1-59 min.	#S 1-60 sec.	#S 1-60 sec.
L3 20' height (40' dia.)	9H 90%	2L 20%	#M 1-30 min.	#H 1-5 hrs.	0 Disabled	0 Disabled
L7 40' height (100' dia.)	8H 80%	3L 30%	# = enter no. of minutes from 1 to 30 min.	0 Disabled		
	7H 70%	4L 40%		# = enter no. of minutes or hours		
	6H 60%	5L 50%				
	5H 50%	6L 60%				
		7L 70%				



High Level When the sensor detects motion the dimming control output ramps up to the selected HIGH light level.

Low Level After the sensor stops detecting motion and the time delay expires the dimming control output fades down to the selected LOW light level.

Time Delay The selected time period that must elapse after the last time the sensor detects motion for the electric lights to fade to LOW mode

Cut-Off The time period that must elapse after the lights fade to LOW mode and the sensor detects no motion for the electric lights to turn OFF.

Ramp Up Time period for light level to increase from LOW to HIGH.

Fade Down Time period for light level to decrease from HIGH to LOW.

** Only Available for OSDL/IR

DLC QPL Data

QPL Model No.	Product ID	Technical Req.	Classification	Primary Use
LSX-2LE-10/840 XE G3	PLTMYU1WPA0K	4.4	Standard	Direct Linear Ambient Luminaires
LSX-2LE-10/850 XE G3	PL9Y6UBDFJNQ	4.4	Standard	Direct Linear Ambient Luminaires
LSX-4HE-26/840 XE G3	PL3ETXDJJSEH	4.3	Premium	Direct Linear Ambient Luminaires
LSX-4HE-26/850 XE G3	PLW1SY0DMXEY	4.3	Premium	Direct Linear Ambient Luminaires
LSX-4VHE-40/840 XE G3	PLGZF9SWXCSCM	4.3	Premium	Direct Linear Ambient Luminaires
LSX-4VHE-40/850 XE G3	PL1RG1Q1AKA4	4.3	Premium	Direct Linear Ambient Luminaires
LSX-8HE-65/840 XE G3	PLQCWR4TU1T0	4.4	Premium	Direct Linear Ambient Luminaires
LSX-8HE-65/850 XE G3	PLDLSRYU8UKN	4.4	Premium	Direct Linear Ambient Luminaires



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