### LINEAR LED LIGHT

### Architecture Linear | 1.75" Aperture | Multiple Diffuser

The LX Series is an architectural linear that comes with multiple diffuser options, available in various sizes to meet diverse project requirements. It provides flexible installation options, including recessed gypsum and suspended configurations. Additionally, the series offers a range of lens choices to enhance the aesthetic appeal of any environment while ensuring optimal lighting performance to meet them all.

Applications: Art Galleries | Office | Retail Stores | Hospitality.

	DATE	QTY	ACC. QTY	TYPE
PROJECT				
PN				
ACCESSORY PN				
NOTES				

eralux®

DYNAMIC MENU			
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#### Install Instruction link

#### **SPECIFICATIONS**

Input Voltage			120-277V		
Power Factor			>0.9		
Total Harmonic Distortion			<20%		
Dimming			0-10V dimming		
CRI			90 CRI		
сст			30K 35K 40K		
Length		4'	6'	8′	
Ambient Temperature Range			-20°C to 45°C		
Mounting Options		Suspended Recessed Dry Wall			
Fixture Finish		Black   White   Silver			
Custom Design		Continuous runs			
Optics	Prismatic	Hoi	neycomb	Optical	Louver
Efficacy	~80lm/W ~620lm/ft		15lm/W 50lm/ft	~100lm/W ~625lm/ft	~62lm/W ~475lm/ft
Distribution	108°		80°	65°	80°



### **PRODUCT FEATURES**







### PRODUCT CERTIFICATIONS





#### **SYSTEM WARRANTY** - 5 YEARS

Eralux will warrant defective drivers, LEDs and boards for 5 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with a thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

#### LUMEN MAINTENANCE - L80 at 50,000 hours

Rated for 80% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

[BLANK]

Standard

-RMB

Recessed

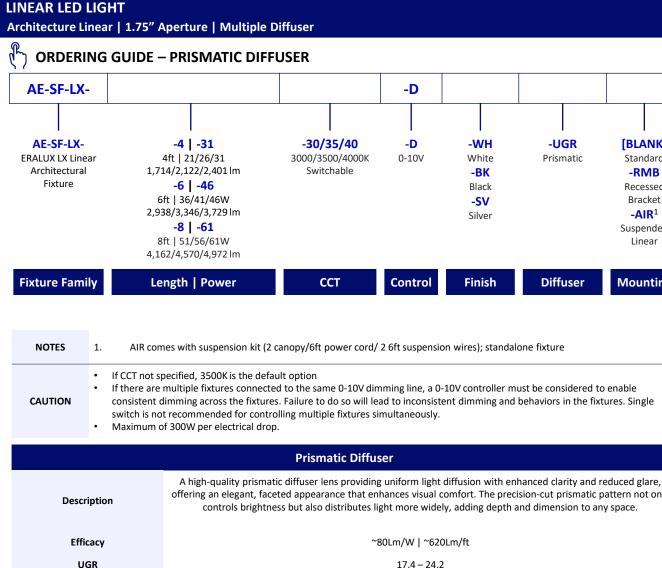
**Bracket** 

-AIR<sup>1</sup>

Suspended

Linear

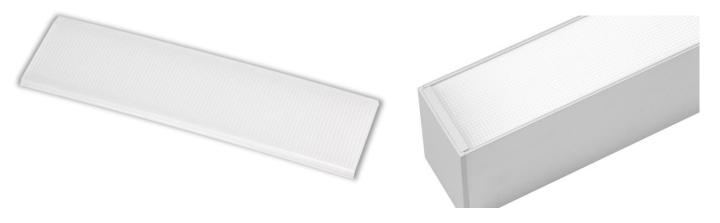
Mounting



**UGR** Beam angle offering an elegant, faceted appearance that enhances visual comfort. The precision-cut prismatic pattern not only controls brightness but also distributes light more widely, adding depth and dimension to any space.

17.4 - 24.2

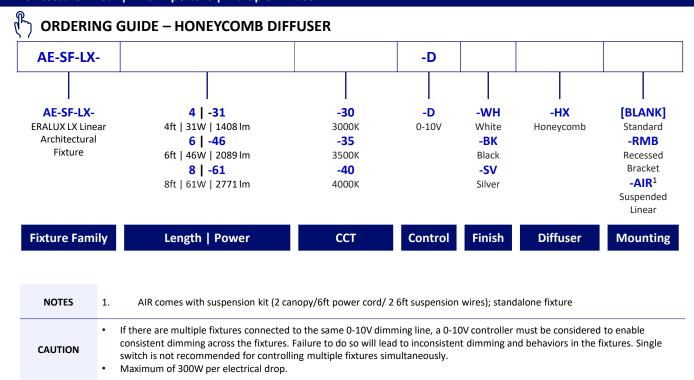
108°





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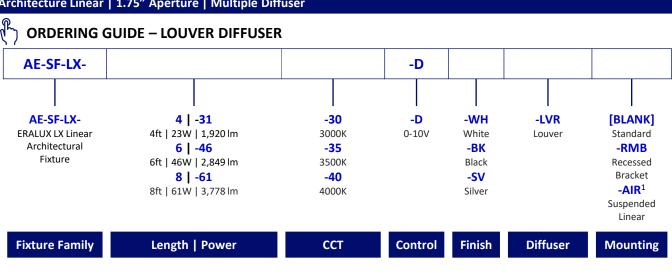


Honeycomb Diffuser			
Description	A durable honeycomb lens offering precise light control with minimal glare, thanks to its unique hexagonal structure.  The honeycomb pattern effectively directs light where it's needed, creating a soft, focused beam while reducing spillover to surrounding areas.		
Efficacy	~45Lm/W   ~350Lm/ft		
UGR	17.2 – 22.4		
Beam angle	80°		
3000			



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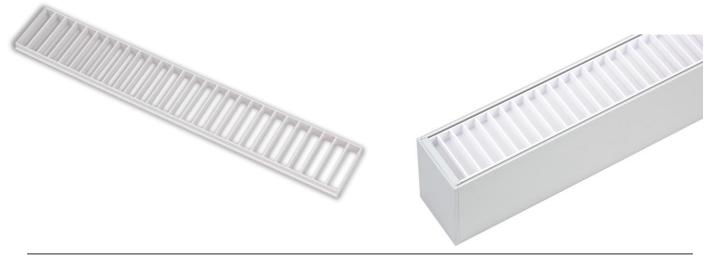
NOTES

AIR comes with suspension kit (2 canopy/6ft power cord/ 2 6ft suspension wires); standalone fixture

CAUTION

- If there are multiple fixtures connected to the same 0-10V dimming line, a 0-10V controller must be considered to enable consistent dimming across the fixtures. Failure to do so will lead to inconsistent dimming and behaviors in the fixtures. Single switch is not recommended for controlling multiple fixtures simultaneously.
- Maximum of 300W per electrical drop.

	Louver Diffuser
Description	This louver accessory features precisely angled slats that effectively control light direction and reduce glare. Designed to deliver balanced illumination, it ensures a softer, more diffused light output by minimizing harsh reflections and hotspots. Its structure also adds a layer of visual interest, making it an attractive choice for modern lighting applications.
Efficacy	~62Lm/W   ~475Lm/ft
UGR	13.5 – 23.2
Ream angle	80°





**Mounting** 

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#### **ORDERING GUIDE – OPTICAL DIFFUSER** AE-SF-LX--D **AE-SF-LX-**-30 -D -WH -OPL [BLANK] 4 | -34 4ft | 25W | 2,500 lm **ERALUX LX Linear** 3000K 0-10V White Optical Standard Architectural 6 | -46 -35 -BK -RMB Fixture 6ft | 38W | 3,811 lm 3500K Black Recessed Bracket -40 -SV 8 | -67 -AIR1 8ft | 49W | 4,914 lm 4000K Silver Suspended Linear

NOTES

**Fixture Family** 

AIR comes with suspension kit (2 canopy/6ft power cord/ 2 6ft suspension wires); standalone fixture

**CCT** 

CAUTION

- If there are multiple fixtures connected to the same 0-10V dimming line, a 0-10V controller must be considered to enable consistent dimming across the fixtures. Failure to do so will lead to inconsistent dimming and behaviors in the fixtures. Single switch is not recommended for controlling multiple fixtures simultaneously.
- Maximum of 300W per electrical drop.

Length | Power

Available for stand alone only.

### **Louver Diffuser**

Description

An optical lens array featuring precision-engineered lenses designed to enhance light focus and minimize glare. The structure directs light through individual optical compartments, delivering sharp, controlled illumination with high efficiency. Ideal for applications where focused lighting is essential.

~100Lm/W | ~625Lm/ft

Control

**Finish** 

Diffuser

Efficacy

•

UGR

3.8

Beam angle

65°



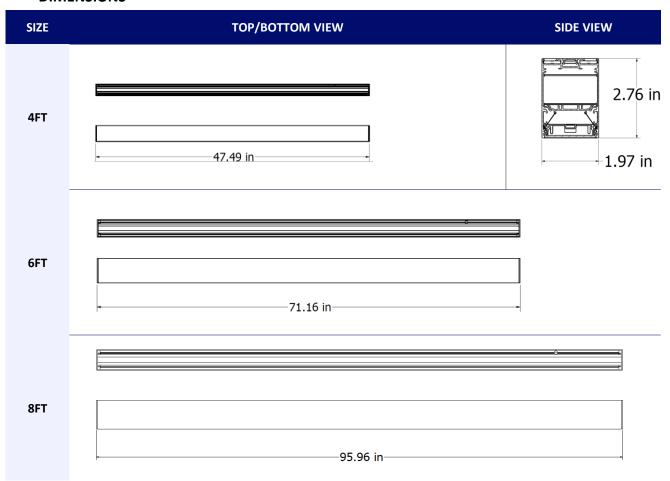






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### **DIMENSIONS**

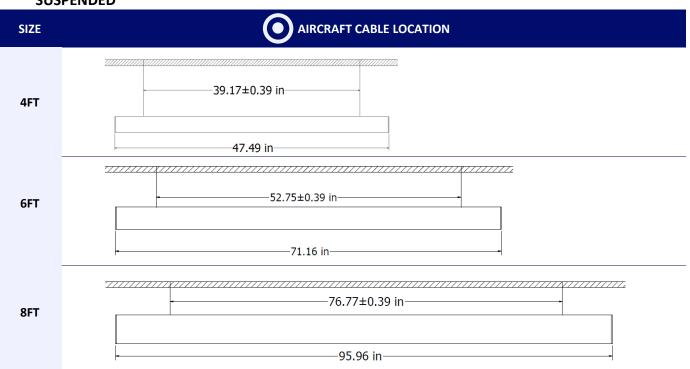




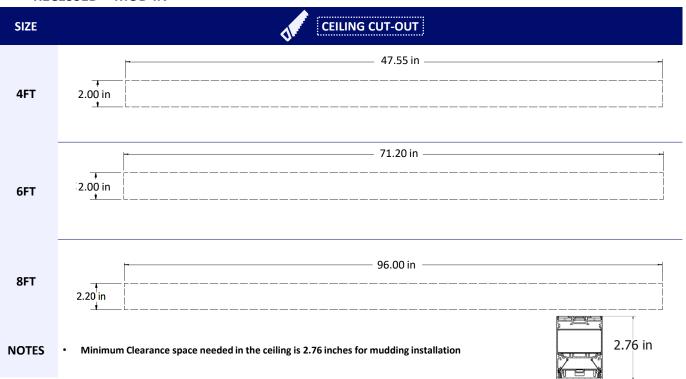
LINEAR LED LIGHT

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# INSTALLATION SUSPENDED



### **RECESSED - MUD IN**







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### **ACCESSORIES**

	POWER CORD / CANOPY	
ORDER CODE	DESCRIPTION	PICTURE
AE-SF-F2-L-PTB-NPF-6-WH-CANOPY AE-SF-F2-L-PTB-NPF-6-BK-CANOPY	6ft Air-Craft Cables Canopy with 2 holes Diffuser piece	
AE-SF-F2-L-PTB-PF-6-WH-CANOPY AE-SF-F2-L-PTB-PF-6-BK-CANOPY	6ft Air-Craft Cables Canopy with 1 hole 6ft Power Cord Diffuser piece	

MUD IN BRACKET			
ORDER CODE	DESCRIPTION	PICTURE	
AE-SF-LX-RMK	Recessed Mount Kit		

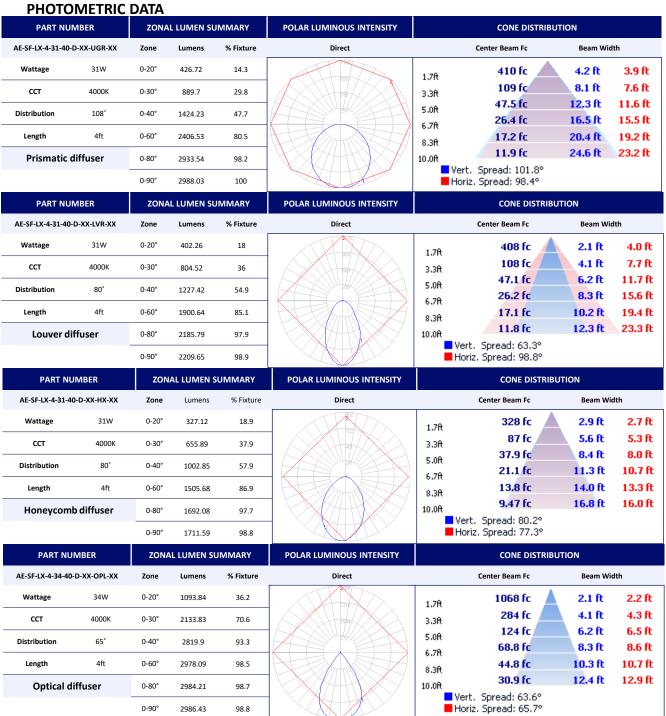
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#### **LUMEN ESTIMATE**

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:				
LUMEN ESTIMATE ADJUSTMENT FACTORS				
сст	3000K	3500К	4000K	
PREMIUM (90CRI)	0.94	0.97	1	



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**OVERVIEW** 





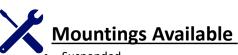


 Extruded aluminum housing for better heat dissipation.





- Three standard length available; 4, 6, & 8ft
- Three CCT and power options
- · Black, white and silver finishes



- Suspended
- Recessed mud in (Gypsum only)



