#### Suspended Architecture Linear | 2.5" Aperture | Direct

The G5 is a Linear Architectural LED Light, designed to deliver direct lighting for a seamless ambiance. Featuring a selection of diffuser options—including parabolic louver, drop, and wall wash lenses. Our linear supports continuous runs, creating a unified lighting design that enhances the aesthetic of any environment. Custom designs are achievable; X-T-L shapes and honey-comb designs.

plications: Art Galleries   Office   Retail Stores   Hospitality   Education		
P DYNAMIC MENU		
Order Information	Page 2	
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Accessories	Page 9	
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#### Install Instruction link

#### SPECIFICATIONS

SPECIFICATIONS					
Input Voltage	120-3	47V			
Power Factor	>0.9				
Total Harmonic Distortion	<20%				
Dimming Page 4	0-10V	dimmin	g		
CRI	80 CR	I			
сст	30K	30K 35K 40K 50K			
Efficacy	~110	~1100 lm/W ~110 lm/ft			n/ft
Length	2′	4'	5′	6′	8′
Power(W)	20	40	50	60	80
Ambient Temperature Range	-10°C	to 40°C			
Mounting Options	Suspended				
Fixture Finish	Black	White	Silver	Gun po	owder
Custom Design	X, L, T shapes Continuous runs Hexagon Shapes				
Optics	Polycarbonate   Drop lens   Wall Wash   Parabolic louver				
Distribution		120			



	DATE	QTY	ACC. QTY	TYPE
PROJECT				
PN				
ACCESSORY PN				
NOTES				





#### PRODUCT CERTIFICATIONS







Design Lights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified" page 4

#### **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 - L85 at 50,000 hours

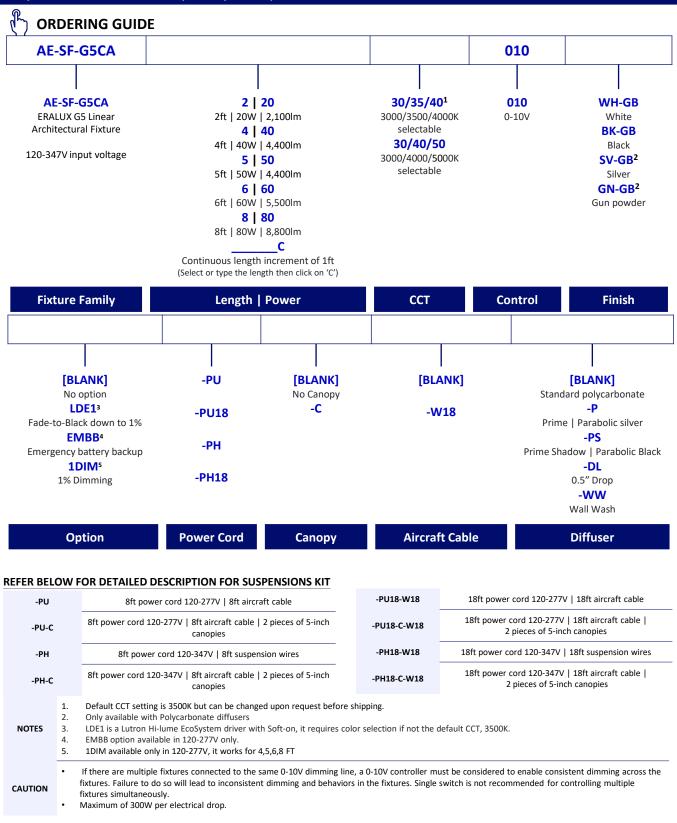
Rated for 85% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

G5

# eralux®

#### LINEAR LED LIGHT

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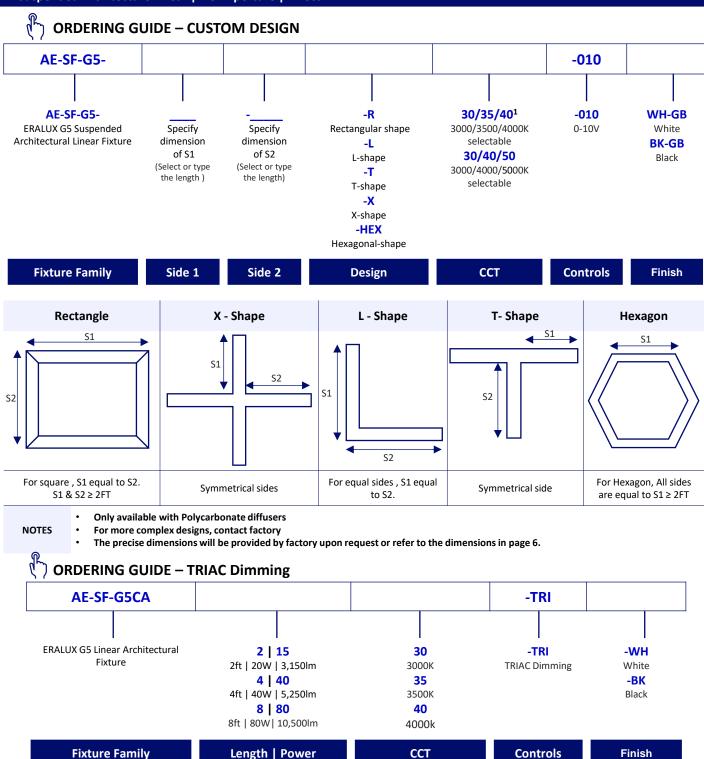


G5

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#### **LINEAR LED LIGHT**

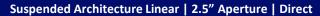
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#### CAUTION:

- 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.







#### **LUMEN OUTPUT**

LENGTH	EFFICACY	ОИТРИТ	POWER
2FT		15/20 watts witchable	15W   1650 lm
2F1		15/20 Watts Witchable	20W   2200 lm
4FT		30/40 watts switchable	30W   3300 lm
461		50/40 watts switchable	40W   4400 lm
5FT	Avg	35/50 watts switchable	35W   3850 lm
5F1	110 lm/w		50W   5500 lm
	1100 lm/ft	35/50/60 watts switchable	35W   3850 lm
6FT			50W   5500 lm
			60W   6600 lm
8FT		60/80 watts switchable	60W   6600 lm
OFI			80W   8800 lm



DLC MODEL	PRODUCT ID
AE-SF-G5CA22030-35-40010YY-GB	S-JTCRUD
AE-SF-G5CA44030-35-40010YY-GB	S-ACNDT2
AE-SF-G5CA87030-35-40010YY-GB	S-09HDJM

#### **DIMMER COMPATIBILITY LIST**

0-10V Dimming

BRAND	MODEL	BRAND	MODEL
LEVITON	IP710-LFZ	LEGRAND	RH4FBL3PTC
LEVITON	DS710	EATON	WBSD-010SLD
LUTDON	DVS7V-WH	HUBBLE	LHDIRS3N
LUTRON	MS-Z101		

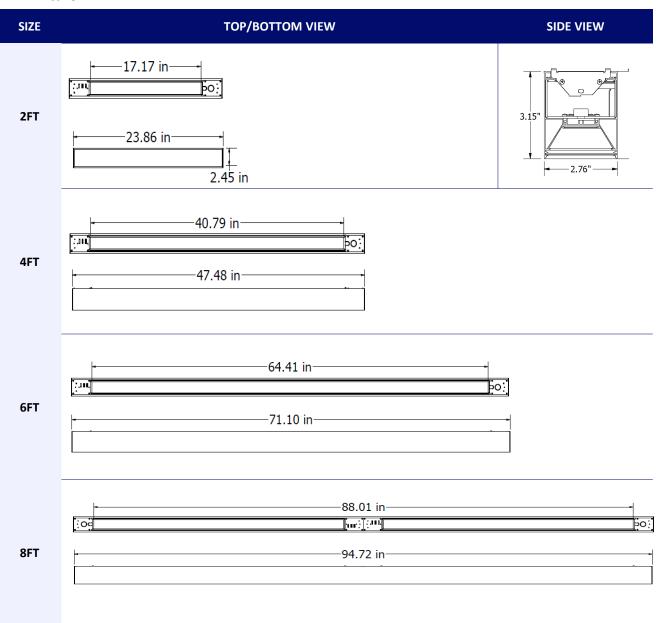




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#### **DIMENSIONS**

#### **Fixture**



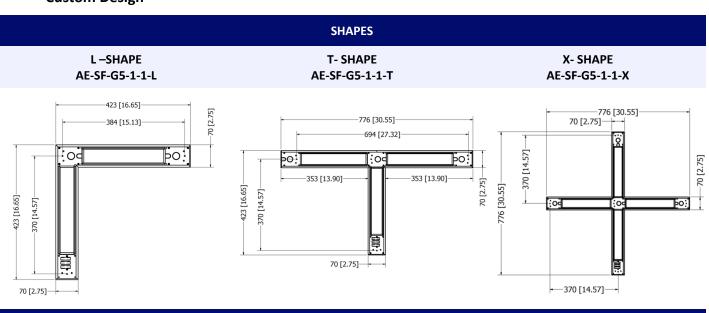
# eralux®

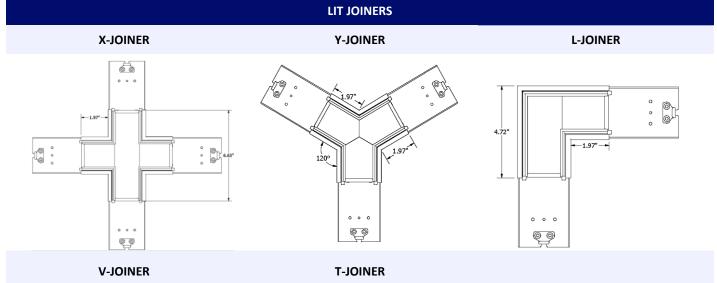
#### **LINEAR LED LIGHT**

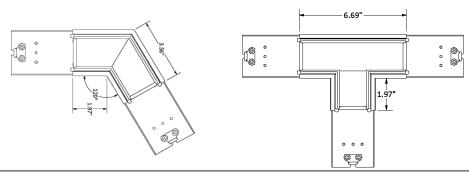
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#### **DIMENSIONS**

**Custom Design** 

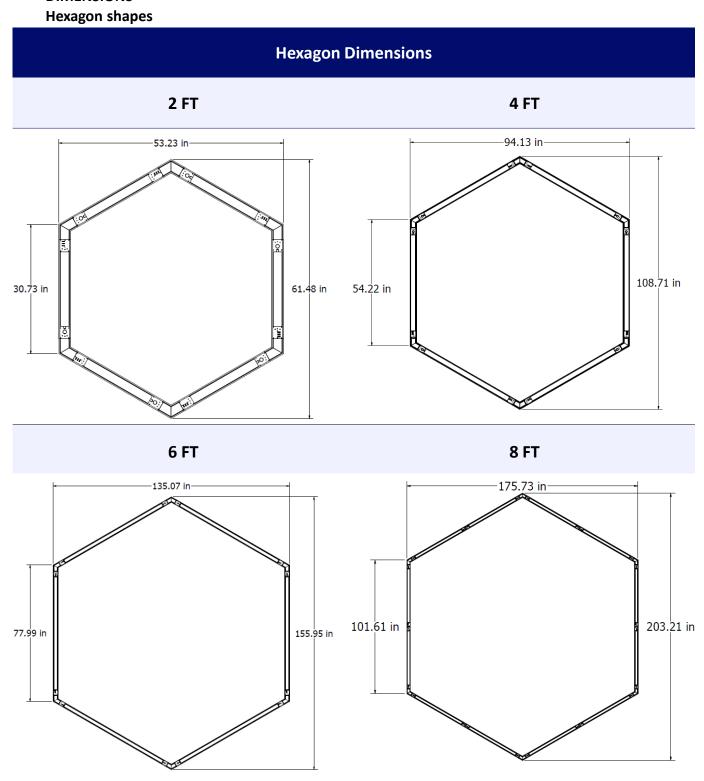






### Suspended Architecture Linear | 2.5" Aperture | Direct

#### **DIMENSIONS**

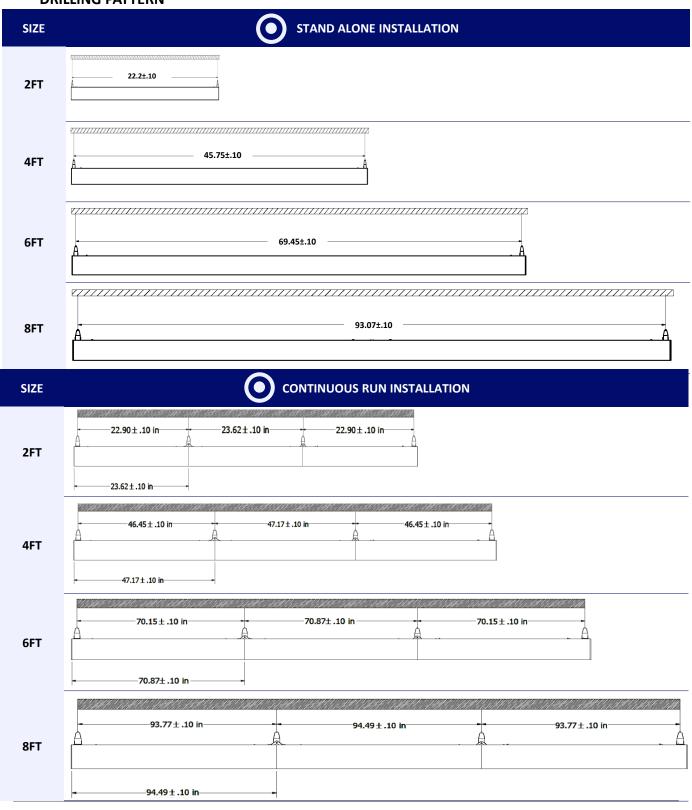


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#### LINEAR LED LIGHT

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#### **DRILLING PATTERN**





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#### **ACCESSORIES**

#### **FOR SUSPENDED**

AE-SF-G5/SPT-WIRE-18FT

Ordered separately if needed

Ordered separately if needed				
POWER CORD				
ORDER CODE	DESCRIPTION	PICTURE		
AE-SF-PWRCORD-WH AE-SF-PWRCORD-BK	8' white / black power cord with 120-277V input voltage			
AE-SF-PWRCORD-WH-18FT AE-SF-PWRCORD-BK-18FT	18' white / black power cord with 120-277V input voltage			
AE-SF-PWRCORD-HV-WH AE-SF-PWRCORD-HV-BK	8' white / black power cord with 120-347V input voltage			
AE-SF-PWRCORD-WH-18FT AE-SF-PWRCORD-BK-18FT	18' white / black power cord with 120-277V input voltage			
	CANOPY			
ORDER CODE	DESCRIPTION	PICTURE		
AE-SF-CANOPY-WH-5IN AE-SF-CANOPY-BK-5IN	2 pieces per set   white / black   5" canopy 0.8" thickness One for power cord/aircraft cable and one for aircraft cable			
AE-SF-CANOPY-WH-5IN-SUSP AE-SF-CANOPY-BK-5IN-SUSP	1 piece   white / black 5" canopy 0.8" thickness for aircraft cable			
AE-SF-CANOPY-WH-ELITE AE-SF-CANOPY-BK-ELITE	2 pieces per set   white / black 5" canopy 0.3" thickness; One for power cord/aircraft cable and one for aircraft cable			
AIRCRAFT CABLE				
ORDER CODE	DESCRIPTION	PICTURE		
AE-SF-G5/SPT-WIRE-8FT	8ft aircraft cable   2 pieces per set   1 set / fixture			

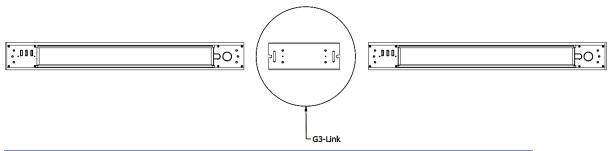
18ft aircraft cable | 2 pieces per set | 1 set / fixture





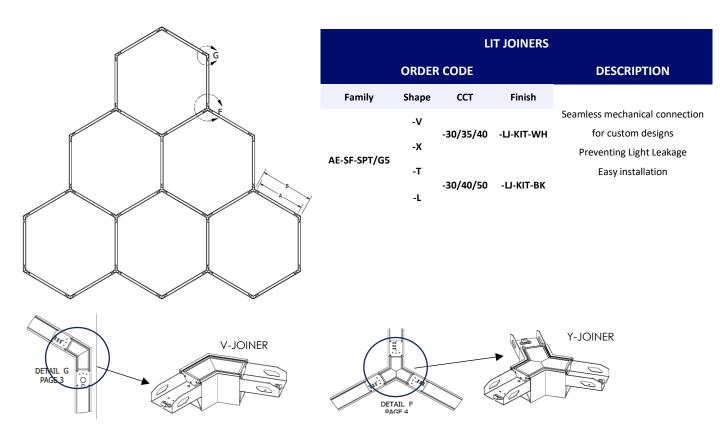
#### **ACCESSORIES**

#### **For Continuous Run**



G3-LINK		
ORDER CODE	DESCRIPTION	
AE-SF-LINK-G3	Seamless mechanical connection for continuous runs Preventing Light Leakage	
	Easy installation	

### For Honeycomb Design | Lit Joiners





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#### **DIFFUSER OPTIONS**

DIFFUSER OF HUNS		
Drop Lens		
Code	Description	Pictures
AE-SF-G5/SPT-Drop Lens-0.5 inch-XFT- WH AE-SF-G5/SPT-Drop Lens-0.5 inch-XFT- BK (X=2, 4, 6 or 8)	Highly durable frosted polycarbonate lens provide a side glowing with crisp corners visible at distance. This drop lens gives a 3D look to the light that will enliven your space and adding wider spread to the surrounding.  The drop lens is available for all continuous sizes; 2FT, 4FT, 6FT, and 8FT. And for white and black finishes. 23% lumens less. 0.5" thickness.	
Wall Wash Lens		
Code	Description	Pictures

AE-SF-G5/SPT-XFT-WW-KIT-WH AE-SF-G5/SPT-XFT-WW-KIT-BK

(X=2, 4, 5, 6 or 8)

The wall washing is a feature where the luminaire is typically positioned at least 12" from the wall to enhance the smoothness of a wall by eliminating shadows or to highlight a wall to create visual interest. The wall wash lens is available for all continuous sizes; 2FT, 4FT, 5FT, 6FT, and 8FT. And for white and black finishes.



#### **Description** Pictures

The Prime features a parabolic silver louver that offers outstanding light shielding and an attractive, crisp visual texture. Its parabolic blade design, along with side reflectors, effectively directs light, enhancing brightness and efficiency in lighting applications.

The prime delivers a modern, sleek look, making them suitable for contemporary spaces.

Efficacy ~90Lm/W & UGR: 13.9 - 15.7

Prime is available for all continuous sizes; 2FT, 4FT, 6FT, and 8FT. And for white and black finishes.



#### **Prime Shadow lens**

#### **Description** Pictures

The Prime Shadow features a parabolic black louver that offers outstanding light shielding and an attractive, crisp visual texture. Its black parabolic blade design, along with side reflectors, effectively reduce glare by absorbing more light.

Black louvers can create a more dramatic or industrial aesthetic, fitting well in specific design contexts.

Efficacy ~55Lm/W & UGR: 18.3 - 20.4

Prime shadow is available for all continuous sizes; 2FT, 4FT, 6FT, and 8FT. And for white and black finishes.





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#### **CONTROLS**

#### **EMERGENCY LED DRIVER (BLD-YTXXD-XXX)**

BLD-YT08D-XXX

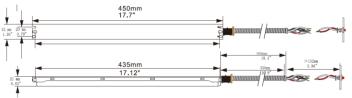
BLD-YT15D-XXX



The BLD-YTXXD-XXX series LED Emergency Driver is UL listed for field and factory installations. It switches to emergency mode during power failures, providing up to 90 minutes of lighting. With an integrated battery, charger, and converter, it delivers 8 or 15W constant power at 30-60VDC. Its slim shape is ideal for use in linear LED lighting fixtures.

SPECIFICATIONS		
Input Voltage 30-60VDC		30-60VDC
Power	Frequency	50/60HZ
Output Voltage		30-60VDC
Output Power		8W   15W
Ambient		0°C to 50°C
Temperature	30°F to 122°F	
Installation Integrated		Integrated
NOTES	For 8ft fixtures, EMBB will only power a 4ft portion	



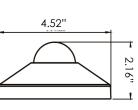


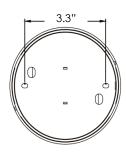
#### **ROOM OCCUPANCY SENSOR**

Ordered separately, field installed

PART NUMBER	DESCRIPTION	
AE-CT-DT806	Detecta - Room Occupancy Sensor	
RC102	RC102 Remote Control	







SPECIFICATIONS		
Input Voltage	120-277 Vac	
Power Frequency	50/60HZ	
Rated Load	At 120 Vac 800W	
	At 277 Vac 1200W	
Detection Range	3-10 Meters	
	9.8- 32.8 Feet	
Standby Power	~0.9W	
Time Setting	10 sec to 30 min	
Light Control	10-2,000LUX	
Installation	Ceiling Mounted	

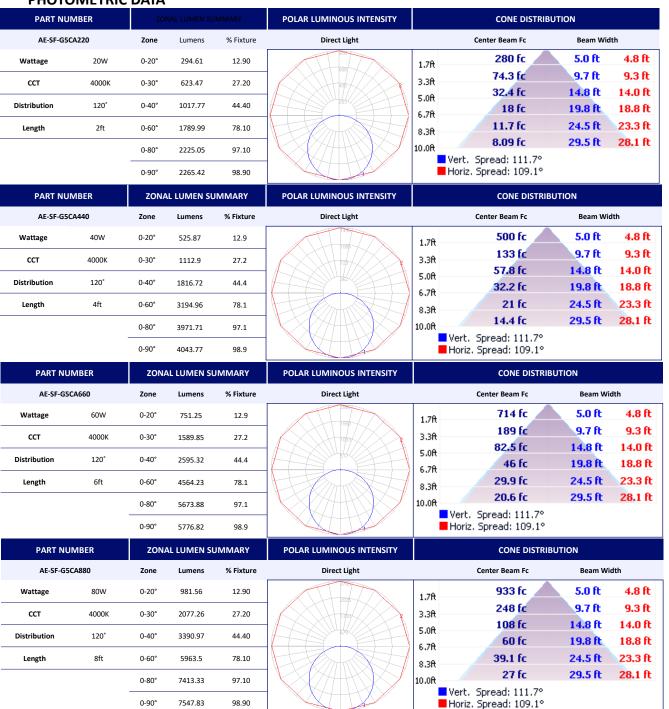


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#### **LUMEN ESTIMATE**

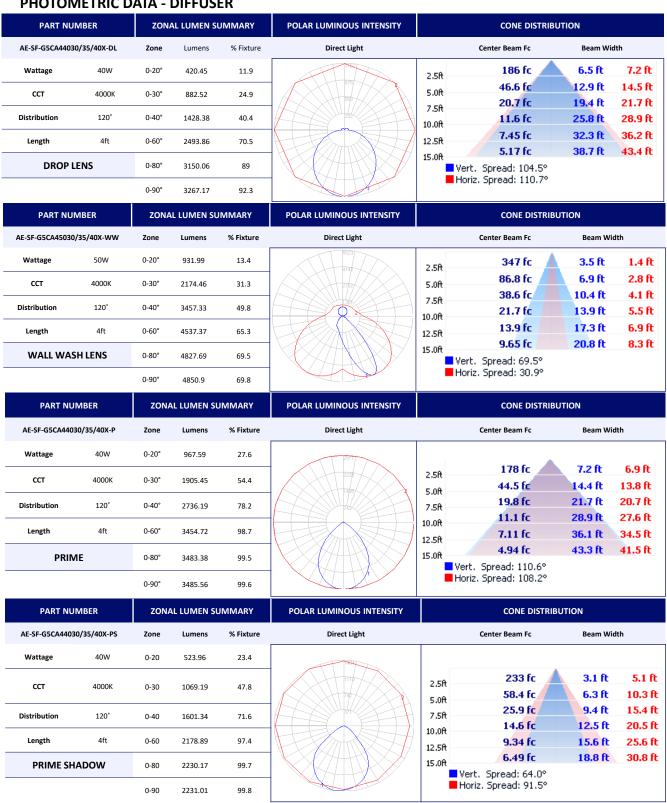
Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:				
LUMEN ESTIMATE ADJUSTMENT FACTORS				
сст	3000K	3500K	4000К	5000K
PREMIUM (90CRI)	0.94	0.97	1	1.03
DUOTOR AFTDIC DAT	•			

#### PHOTOMETRIC DATA



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#### PHOTOMETRIC DATA - DIFFUSER



# eralux®

#### LINEAR LED LIGHT

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#### **OVERVIEW**





# **Innovative Design**

- Extruded aluminum housing for better heat dissipation.
- Highly durable polycarbonate and high transmittance lens.





### **Features**

- 1% dimming option
- Lutron Hi-lume Ecosystem driver with Soft-on





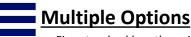
## **Custom Design**

- Continuous lens; increment of 2'
- L, T, X, & rectangular shapes
- Honeycomb design using Lit joiners



# **Diffusers**

- Polycarbonate lens
- Wall-wash lens
- 0.5-inch drop lens
- Black/silver parabolic louver



- Five standard length available; 2, 4,5, 6, & 8ft.
- Three CCT switchable and power tunable.
- Black, white, silver, & gun powder finishes.



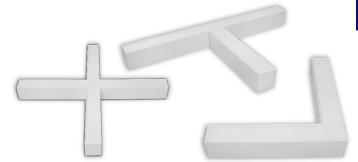






# **Mountings Available**

- Suspended
- Wall mount (refer to the wall mount spec sheet)
- Surface mount (refer to the surface mount spec sheet)
- Recessed T-grid (refer to the recessed T-grid spec sheet)





# **Tests And Certifications**







