

eralux®

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DATE	QTY	ACC. QTY	TYPE

LINEAR LED LIGHT

Distribution

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.

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

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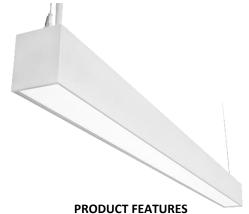
DYNAMIC MENU			
Order Information	Page 2		
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Accessories	Page 9		
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Install Instruction link

SPECIFICATIONS

Input Voltage	120-347	7V			
Power Factor	>0.9	>0.9			
Total Harmonic Distortion	<20%				
Dimming Page 4	0-10V d	imming			
CRI	80 CRI				
сст	30К	30K 35K 40K 50K			
Efficacy	~110 lm	/W	1100 ln	n/ft	
Length	2'	4' & 5'	6′	8′	
Power	20W	40W	50W	80W	
Ambient Temperature Range	-10°C to	40°C			
Mounting Options	Suspended				
Fixture Finish	Black White Silver Gun powder		oowder		
Custom Design	X, L, T shapes Continuous runs Hexagon Shapes				
Optics	Polycarbonate lens Drop lens Wall Wash Parabolic louver				
		=			

120°











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

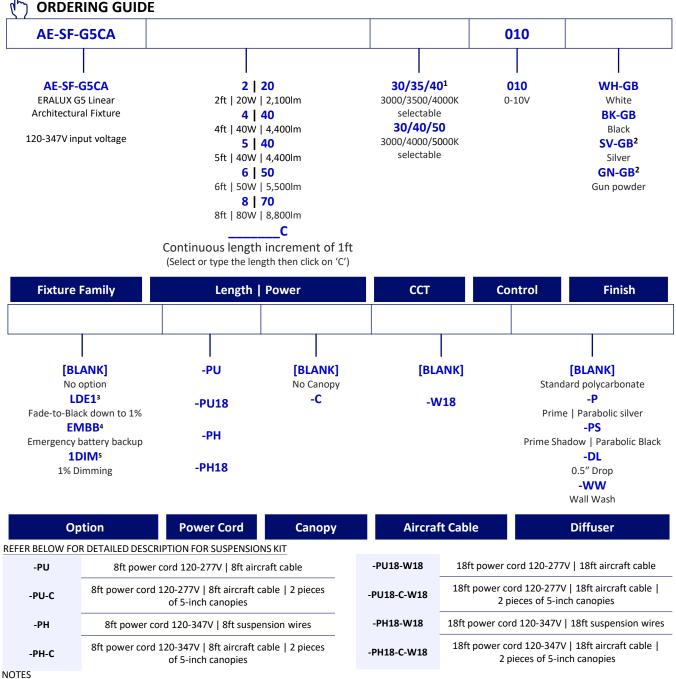
Rated for 85% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

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NOTES

- Default CCT setting is 3500K but can be changed upon request before shipping.
- 2. Only available with Polycarbonate diffusers
- 3. LDE1 is a Lutron Hi-lume EcoSystem driver with Soft-on, it requires color selection if not the default CCT, 3500K.
- 4. EMBB option available in 120-277V only.
- 5. 1DIM available only in 120-277V, it works for 4,5,6,8 FT

CAUTION:

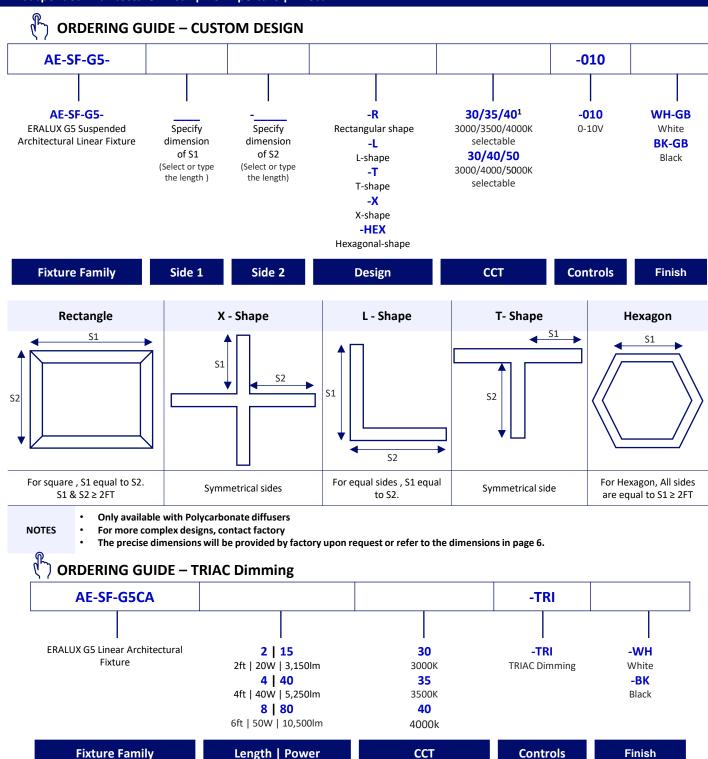
- If there are multiple fixtures connected to the same 0-10V dimming line, a 0-10V controller must be considered to enable consistent dimming across the
 fixtures. Failure to do so will lead to inconsistent dimming and behaviors in the fixtures. Single switch is not recommended for controlling multiple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

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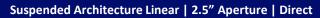
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CAUTION:

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LUMEN OUTPUT

LENGTH	EFFICACY	OUTPUT 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	30/40 watts switchable	30W 3300 lm
5F1	110 lm/w		40W 4400 lm
	1100 lm/ft 6FT		35W 3850 lm
6FT		35/50/60 watts switchable	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		

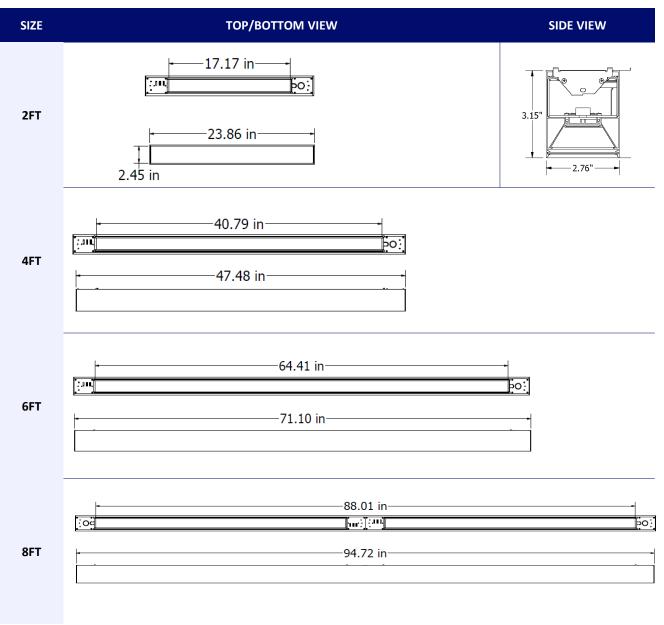




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DIMENSIONS

Fixture



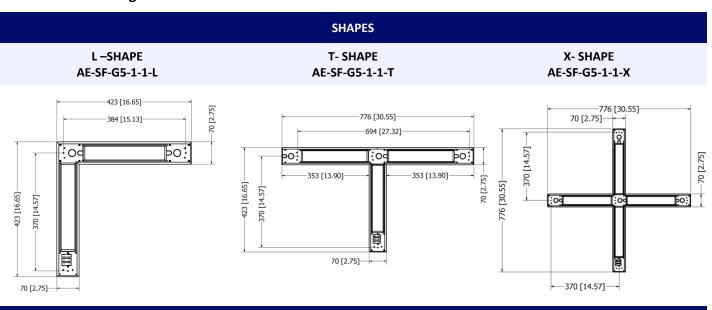
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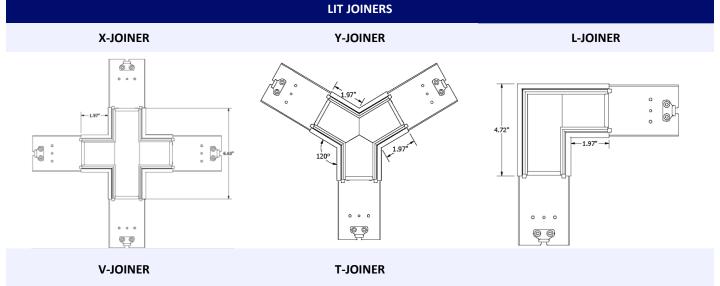
LINEAR LED LIGHT

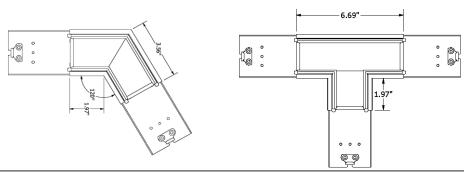
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DIMENSIONS

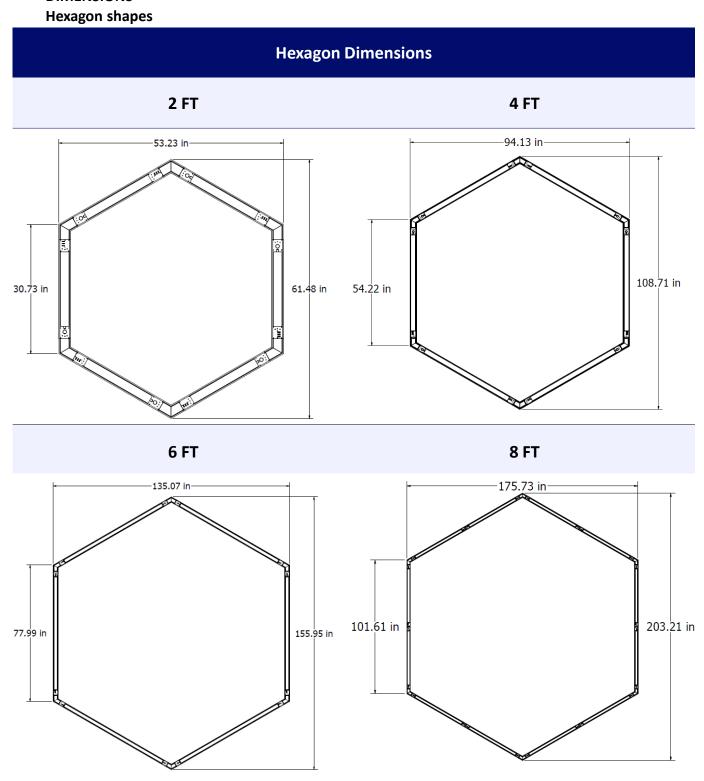
Custom Design







DIMENSIONS

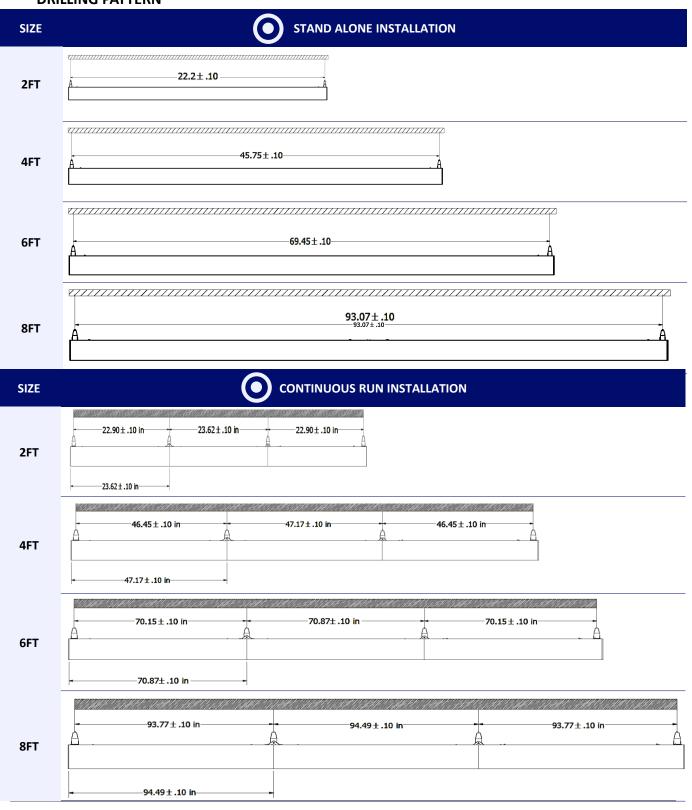


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DRILLING PATTERN



ACCESSORIES

FOR SUSPENDED

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

Ordered separately if needed

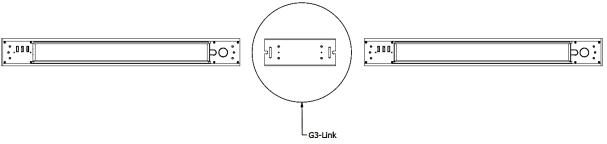
Ordered separately if	needed	
	POWER CORD	
ORDER CODE	DESCRIPTION	PICTURE
AE-SF-PWRCORD-WH AE-SF-PWRCORD-BK	8' white / black power cord with 120-277V input voltage	
AE-SF-PWRCORD-WH-18FT AE-SF-PWRCORD-BK-18FT	18' white / black power cord with 120-277V input voltage	
AE-SF-PWRCORD-HV-WH AE-SF-PWRCORD-HV-BK	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



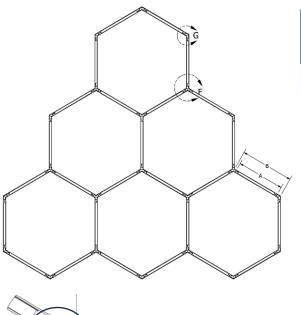
ACCESSORIES

For Continuous Run

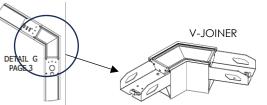


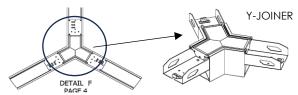
	G3-LINK
ORDER CODE	DESCRIPTION
AE-SF-G3-LINK	Seamless mechanical connection for continuous runs Preventing Light Leakage
	Easy installation

For Honeycomb Design | Lit Joiners



LIT JOINERS				
ORDER CODE			DESCRIPTION	
Family	Shape	ССТ	Finish	
	-V			Seamless mechanical connection
		-30/35/40	-LJ-KIT-WH	for custom designs
AE-SF-SPT/G5	-X			Preventing Light Leakage
	-T			Easy installation
	-L	-30/40/50	-LJ-KIT-BK	







DIFFUSER OPTIONS

	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.	
	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.	

Prime lens

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 <15

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 \sim 55Lm/W & UGR <15

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







CONTROLS

EMERGENCY LED DRIVER (BLD-YTXXD-XXX)

BLD-YT08D-XXX

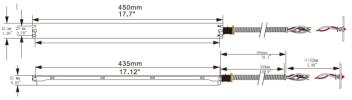
BLD-YT15D-XXX



SPECIFICATIONS		
Input Voltage 30-60VDC		
Power Frequency	50/60HZ	
Output Voltage	30-60VDC	
Output Power	8W 15W	
Ambient Temperature	0°C to 50°C	
	30°F to 122°F	
Installation	Integrated	

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.



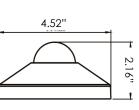


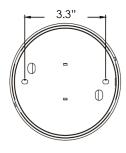
ROOM OCCUPANCY SENSOR

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			
Rated Load	At 277 Vac 1200W			
Detection Range	3-10 Meters			
Detection Range	9.8- 32.8 Feet			
Standby Power	~0.9W			
Time Setting	10 sec to 30 min			
Light Control	10-2,000LUX			
Installation	Ceiling Mounted			

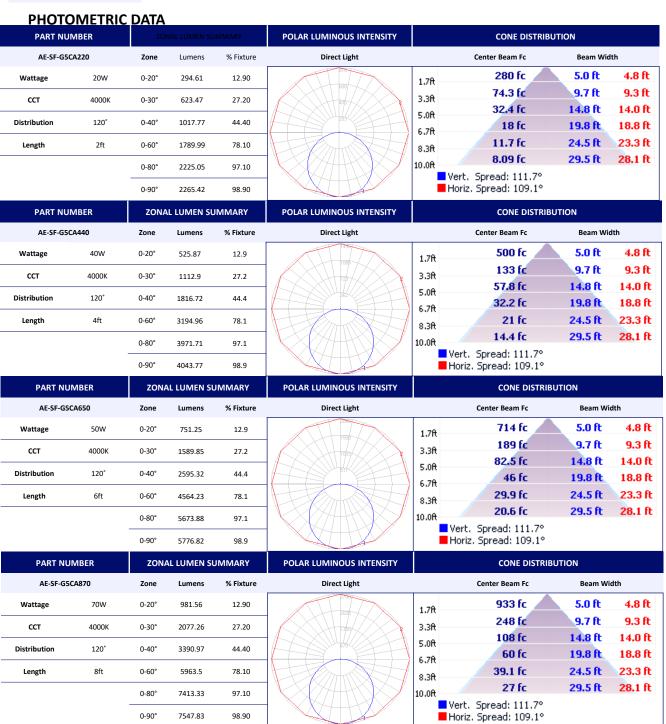


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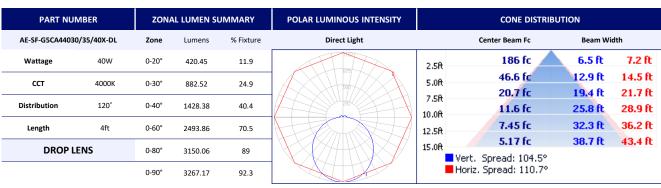
LUMEN ESTIMATE

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:

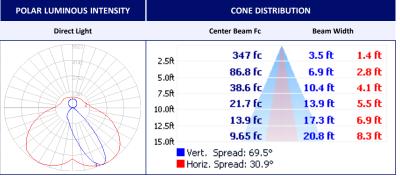
LUMEN ESTIMATE ADJUSTMENT FACTORS						
сст	3000K	3500K	4000K	5000К		
PREMIUM (90CRI)	0.94	0.97	1	1.03		



PHOTOMETRIC DATA - DIFFUSER



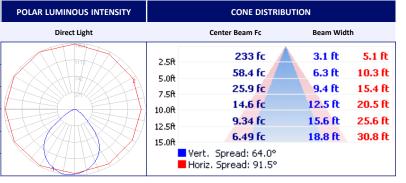
PART NUMBER		ZONAL LUMEN SUMMARY		
AE-SF-G5CA45030/35/40X-WW		Zone	Lumens	% Fixture
Wattage	50W	0-20°	931.99	13.4
сст	4000K	0-30°	2174.46	31.3
Distribution	120°	0-40°	3457.33	49.8
Length	4ft	0-60°	4537.37	65.3
WALL WASH LENS		0-80°	4827.69	69.5
		0-90°	4850.9	69.8



PART NUMBER		ZONAL LUMEN SUMMARY			
AE-SF-G5CA440	AE-SF-G5CA44030/35/40X-P		Lumens	% Fixture	
Wattage	40W	0-20°	967.59	27.6	
сст	4000K	0-30°	1905.45	54.4	
Distribution	Distribution 120° Length 4ft		2736.19	78.2	
Length			3454.72	98.7	
PRIN	PRIME		3483.38	99.5	
		0-90°	3485.56	99.6	

POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
Direct Light	Center Beam Fc Beam Width		lth	
	2.5ft	178 fc	7.2 ft	6.9 ft
	5.0A	44.5 fc	14.4 ft	13.8 ft
	7.5ft	19.8 fc	21.7 ft	20.7 ft
	10.0R	11.1 fc	28.9 ft	27.6 ft
	12.5R	7.11 fc	36.1 ft	34.5 ft
	12.5R	4.94 fc	43.3 ft	41.5 ft
	15101	Vert, Spread: 110.6° ■Horiz, Spread: 108.2°		

PART NUMBER		ZONAL LUMEN SUMMARY			
AE-SF-G5CA4403	AE-SF-G5CA44030/35/40X-PS		Lumens	% Fixture	
Wattage	40W	0-20	523.96	23.4	
сст	4000K	0-30	1069.19	47.8	
Distribution	Distribution 120°		1601.34	71.6	
Length	Length 4ft		2178.89	97.4	
PRIME SH	PRIME SHADOW		2230.17	99.7	
		0-90	2231.01	99.8	



Suspended Architecture Linear | 2.5" Aperture | Direct

OVERVIEW

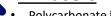


Innovative Design

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







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



Multiple Options

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









Mountings Available

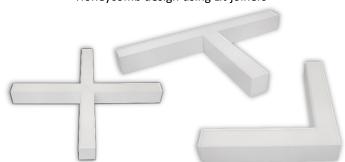
- Wall mount (refer to the wall mount spec sheet)
- Surface mount (refer to the surface mount spec sheet)
- Recessed T-grid (refer to the recessed T-grid spec sheet)





Custom Design

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





Features

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





Tests And Certifications







