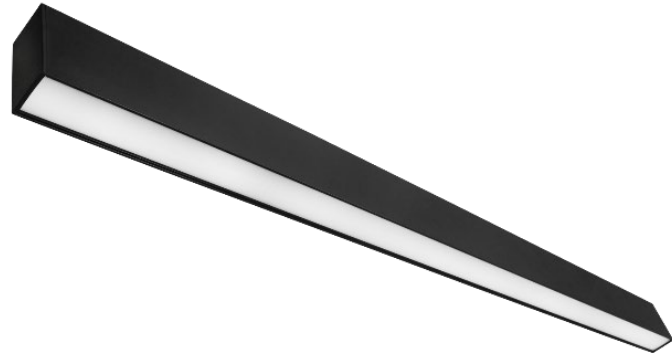# G6

eralux®

LINEAR LED LIGHT

Suspended Architecture Linear | 1.5" Aperture | Direct

The G6 series is a revolutionary compact product features slim profile with the ability to adjust lumen output. Whether its pendant mount or wall mount; 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 , in addition to wall wash optic.
Applications: Art Galleries | Office | Retail Stores | Hospitality | Education

🖐 DYNAMIC MENU

Install Instruction link

SPECIFICATIONS

Input Voltage	120-347V			
Power Factor	>0.9			
Total Harmonic Distortion	<20%			
Dimming Page 6	0-10V dimming			
CRI	90 CRI			
CCT	30K 35K 40K			
Efficacy	~87-91 lm/W		Up to 890 lm/ft	
Length	2'	4'	6'	8'
Power	20W	40W	50W	70W
Ambient Temperature Range	-10˚C to 40˚C			
Mounting Options	Suspended			
Fixture Finish	Black | White | Silver | Gun powder			
Custom Design	Continuous runs			
Optics	Polycarbonate lens Wall Wash			
Distribution	95˚			

PRODUCT FEATURES

POWER SWITCHABLE   CCT SWITCHABLE   LUTRON OEM ADVANTAGE   **Emergency backup battery**

PRODUCT CERTIFICATIONS

5 YEARS WARRANTY eralux   **RoHS**   **ETL** INTERTEK LISTED c US

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).

G6

LINEAR LED LIGHT

Suspended Architecture Linear | 1.5" Aperture | Direct

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👆 ORDERING GUIDE

AE-SF-G6-A-CA			-B-P	30-35-40	-010	

Fixture Family	**Length | Power**	**CRI**	**CCT**	**Dimming**	**Diffuser**
AE-SF-G6-A-CA ERALUX G6 Linear Architectural Fixture 120-347V input voltage	**2 | 20** 2ft | 20W up to 1,740lm **4 | 40** 4ft | 40W up to 3,480lm **6 | 50** 6ft | 50W up to 4,350lm **8 | 70** 8ft | 70W up to 6,090lm _____ **C** Continuous length increment of 2ft[1] (Select or type the length then click on 'C')	**-B-P** 90 CRI	**30-35-40**[2] 3000/3500/4000K selectable	**-010** 0-10V external dimming down to 10%	**-PL** Full length polycarbonate **-WW**[3] Wall Wash

Finish	**Option**	**Power Cord**	**Canopy**	**Aircraft Cable**
-WH White **-BK** Black **-SV** Silver **-GN** Gun powder	**[BLANK]** No option **LDE1**[4] Fade-to-Black down to 1% **EMBB**[5] Emergency battery backup **1DIM**[6] 1% Dimming	**-PU** **-PU18** **-PH** **-PH18**	**[BLANK]** No Canopy **-C**	**[BLANK]** Standard 6 FT suspension cables **-W18**

REFER BELOW FOR DETAILED DESCRIPTION FOR SUSPENSIONS KIT

-PU	8ft power cord 120-277V | 8ft aircraft cable	**-PU18-W18**	18ft power cord 120-277V | 18ft aircraft cable
-PU-C	8ft power cord 120-277V | 8ft aircraft cable | 2 pieces of 5-inch canopies	**-PU18-C-W18**	18ft power cord 120-277V | 18ft aircraft cable | 2 pieces of 5-inch canopies
-PH	8ft power cord 120-347V | 8ft suspension wires	**-PH18-W18**	18ft power cord 120-347V | 18ft suspension wires
-PH-C	8ft power cord 120-347V | 8ft aircraft cable | 2 pieces of 5-inch canopies	**-PH18-C-W18**	18ft power cord 120-347V | 18ft aircraft cable | 2 pieces of 5-inch canopies

NOTES
1. For increment of 1ft, contact factory
2. Default CCT setting is 3500K but can be changed upon request before shipping.
3. Wall wash diffuser comes in single CCT, specify the CCT when ordering.
4. LDE1 is a Lutron Hi-lume EcoSystem driver with Soft-on, it requires color selection if not the default CCT, 3500K.
5. EMBB option available in 120-277V only.
6. 1DIM available only in 120-277V, it works for 4,6,8 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.

👆 ORDERING GUIDE – CUSTOM DESIGN

AE-SF-G6-				-30-35-40	-010	

AE-SF-G6-	**____**	**-____**	**-R**	**30-35-40[1]**	**-010**	**-WH**
ERALUX G6 Linear Architectural Fixture	Specify dimension of S1 (Select or type the length)	Specify dimension of S2 (Select or type the length)	Rectangular shape **-L** L-shape **-T** T-shape **-X** X-shape	3000/3500/4000K selectable	0-10V	White **-BK** Black **-SV** Silver **-GN** Gun powder

Fixture Family	**Side 1**	**Side 2**	**Design**	**CCT**	**Dimming**	**Finish**

Rectangle	**X - Shape**	**L - Shape**	**T- Shape**
For square , S1 equal to S2. S1 & S2 ≥ 2FT	Symmetrical sides	For equal sides , S1 equal to S2.	Symmetrical side

NOTES	• **Only available with polycarbonate lens** • **For more complex designs, contact factory** • **The precise dimensions will be provided by factory upon request or refer to the dimensions in page 6.**

👆 ORDERING GUIDE – TRIAC Dimming

AE-SF-G6-A-CA		-B-P		-TRI-PL	

AE-SF-G6-A-CA	**2	15**	**-B-P**	**30**	**-TRI-PL**	**-WH**
ERALUX G6 Linear Architectural Fixture	2ft	20W	3,150lm **4	40** 4ft	40W	5,250lm **8	80** 6ft	80W	10,500lm	90 CRI	3000K **35** 3500K **40** 4000k	TRIAC Dimming Full length polycarbonate lens	White **-BK** Black

Fixture Family	**Length	Power**	**CRI**	**CCT**	**Dimming	Lens**	**Finish**

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.

DIMENSIONS

SIZE	TOP/BOTTOM VIEW	SIDE VIEW
2FT	23.85 in	3.15 in / 1.77 in
3FT	35.63 in	
4FT	47.50 in	
6FT	70.87 in	
8FT	94.49 in	

DRILLING PATTERN

SIZE	STAND ALONE INSTALLATION
2FT	22.2±.10
4FT	45.75±.10
6FT	69.45±.10
8FT	93.07±.10
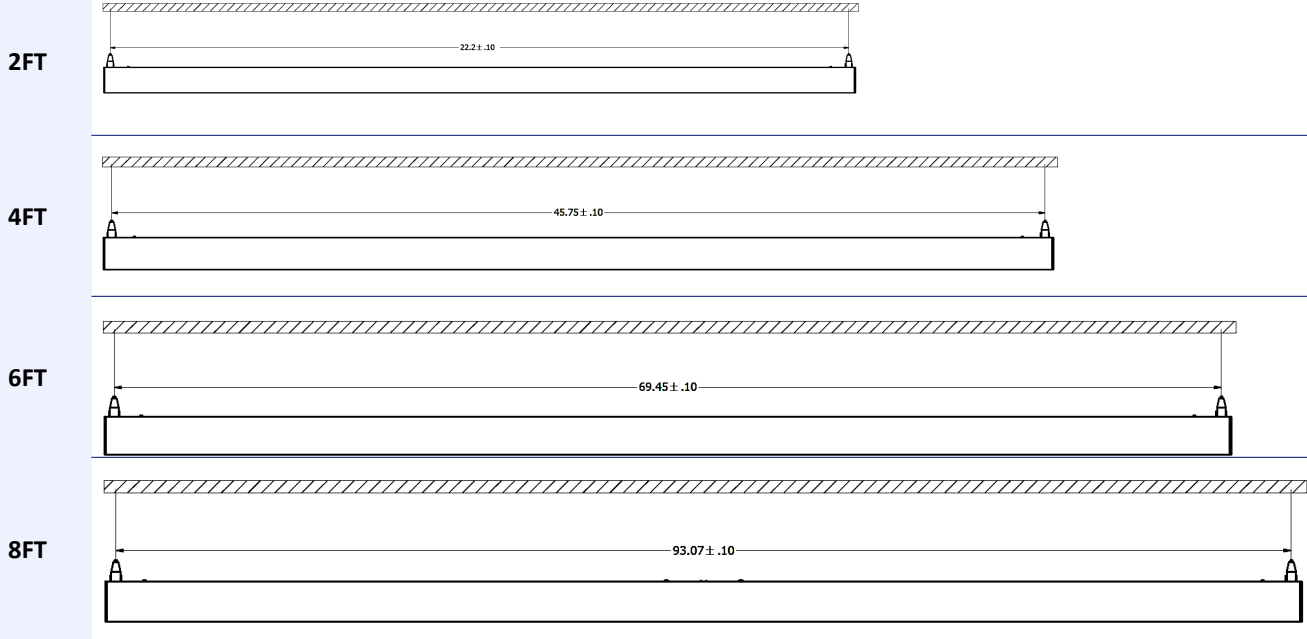
SIZE	CONTINUOUS RUN INSTALLATION
2FT	22.90±.10 in / 23.62±.10 in / 22.90±.10 in ; 23.62±.10 in
4FT	46.45±.10 in / 47.17±.10 in / 46.45±.10 in ; 47.17±.10 in
6FT	70.15±.10 in / 70.87±.10 in / 70.15±.10 in ; 70.87±.10 in
8FT	93.77±.10 in / 94.49±.10 in / 93.77±.10 in ; 94.49±.10 in
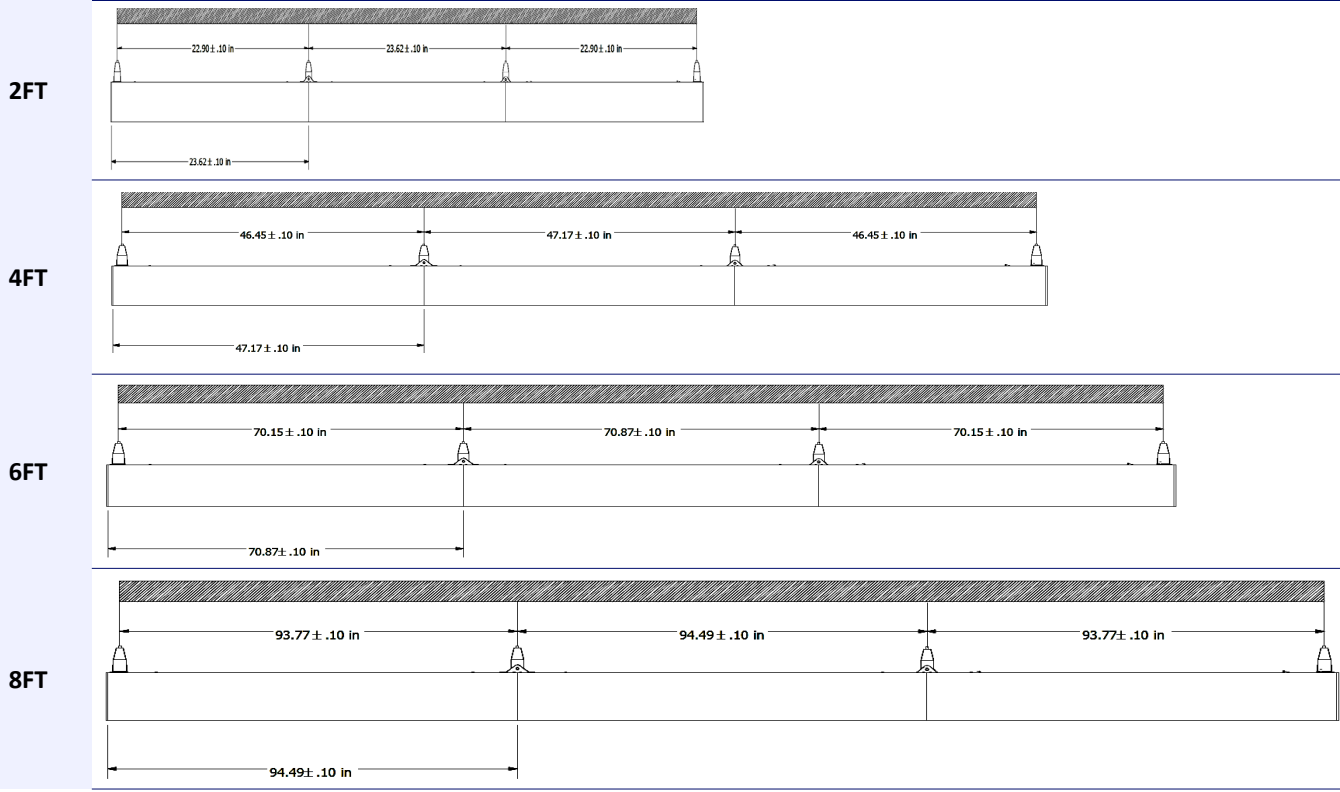
DIMENSIONS
Custom Design

SHAPES		
L –SHAPE AE-SF-G6-1-1-L	**T- SHAPE** AE-SF-G6-1-1-T	**X- SHAPE** AE-SF-G6-1-1-X
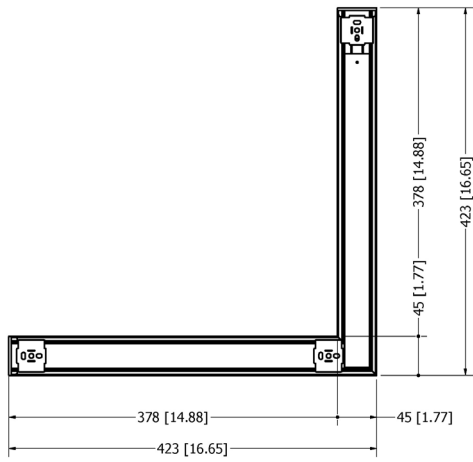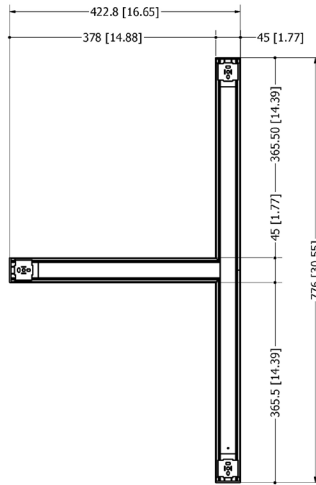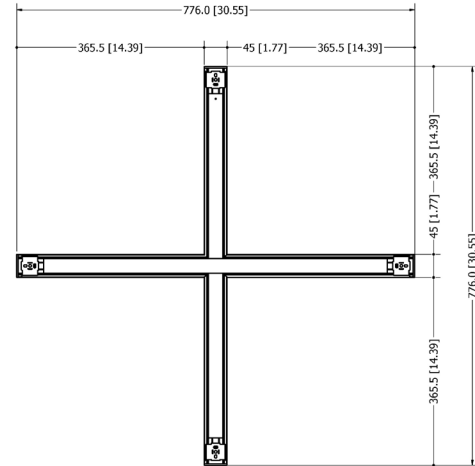
DIMMER COMPATIBILITY LIST

0-10V Dimming

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

ACCESSORIES

FOR SUSPENDED

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-G6/SPS-WIRE-8FT	8ft aircraft cable | 2 pieces per set | 1 set / fixture	
AE-SF-G6/SPS-WIRE-18FT	18ft aircraft cable | 2 pieces per set | 1 set / fixture	

ACCESSORIES

For Continuous Run
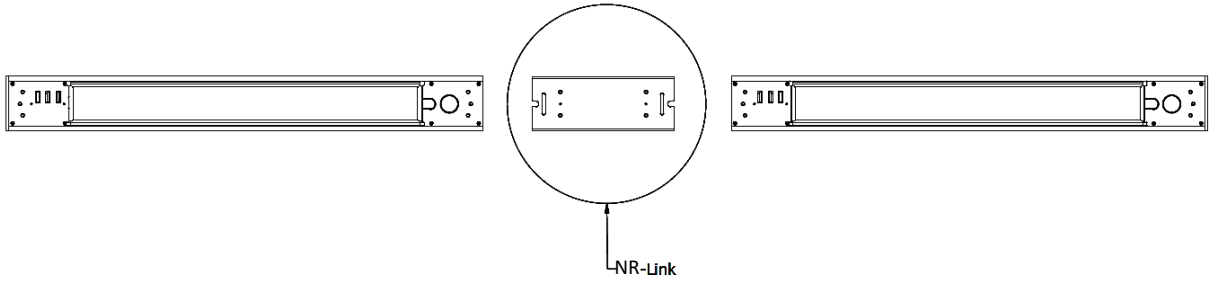
NR-Link

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

DIFFUSER OPTIONS

| Wall Wash Lens	
Description	**Pictures**
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; 4FT and 8FT.	

CONTROLS
Ordered separately, field installed

EMERGENCY LED DRIVER (BLD-HMXXD-YYY)

BLD-HM8D-YYY

The BLD-HMXXD-YYY 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 6-25W constant power at 170VDC. Ideal for 0-10V dimmable indoor commercial LED fixtures, such as flat panels, troffers, downlights, and linear strip lights.
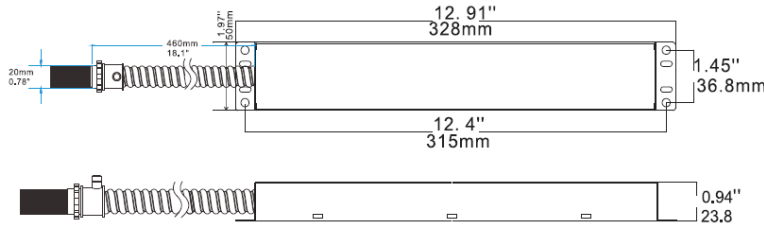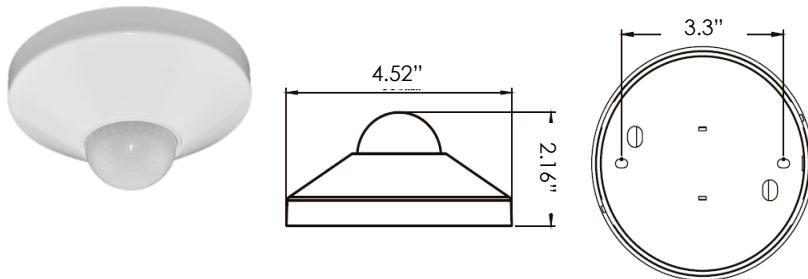
SPECIFICATIONS	
Input Voltage	100-347 Vac
Power Frequency	50/60HZ
Input Power	8W max
Output Voltage	170V Dc
Output Power	8W
Ambient Temperature	0˚C to 50˚C
	30˚F to 122˚F
Installation	Remote

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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Suspended Architecture Linear | 1.5" Aperture | Direct

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				
CCT	3000K	3500K	4000K	5000K
PREMIUM (90CRI)	0.94	0.97	1	1.03

PHOTOMETRIC DATA

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION		
AE-SF-G6-A-CA-440		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc	Beam Width	
Wattage	40W	0-20°	529.17	14.70		236 fc	6.2 ft	5.3 ft
CCT	3000K	0-30°	1098.74	30.50		58.9 fc	12.4 ft	10.5 ft
Distribution	95°	0-40°	1749.95	48.60		26.2 fc	18.6 ft	15.8 ft
Length	4ft	0-60°	2921.83	81.20		14.7 fc	24.8 ft	21.0 ft
		0-80°	3490.93	97.00		9.43 fc	31.0 ft	26.3 ft
		0-90°	3530.26	98.10		6.55 fc	37.2 ft	31.6 ft

Vert. Spread: 102.2°
Horiz. Spread: 92.9°

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION		
AE-SF-G6-A-CA-440		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc	Beam Width	
Wattage	50W	0-20°	549.91	16.2		250 fc	5.8 ft	4.7 ft
CCT	3500K	0-30°	1130.73	33.4		62.4 fc	11.6 ft	9.4 ft
Distribution	95°	0-40°	1782.06	52.6		27.7 fc	17.3 ft	14.1 ft
Length	4ft	0-60°	2902.16	85.7		15.6 fc	23.1 ft	18.8 ft
		0-80°	3382.01	99.8		9.99 fc	28.9 ft	23.5 ft
		0-90°	3387.73	100		6.94 fc	34.7 ft	28.2 ft

Vert. Spread: 98.3°
Horiz. Spread: 86.6°

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION		
AE-SF-G6-A-CA-440		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc	Beam Width	
Wattage	40W	0-20°	566.92	16.20		257 fc	5.8 ft	4.7 ft
CCT	4000K	0-30°	1165.7	33.40		64.3 fc	11.6 ft	9.4 ft
Distribution	95°	0-40°	1837.18	52.60		28.6 fc	17.3 ft	14.1 ft
Length	4ft	0-60°	2991.91	85.70		16.1 fc	23.1 ft	18.8 ft
		0-80°	3486.6	99.80		10.3 fc	28.9 ft	23.5 ft
		0-90°	3492.5	100.00		7.15 fc	34.7 ft	28.2 ft

Vert. Spread: 98.3°
Horiz. Spread: 86.6°

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION		
AE-SF-G6-A-CA-440		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc	Beam Width	
Wattage	50W	0-20°	395.54	15.7		176 fc	5.8 ft	3.8 ft
CCT	3500K	0-30°	819.37	32.6		44.1 fc	11.6 ft	7.7 ft
Distribution	95°	0-40°	1291.53	51.3		19.6 fc	17.4 ft	11.5 ft
Length	4ft	0-60°	2078.68	82.6		11 fc	23.2 ft	15.3 ft
WALL WASH LENS		0-80°	2461.84	97.8		7.05 fc	29.0 ft	19.2 ft
		0-90°	2488.97	98.9		4.9 fc	34.8 ft	23.0 ft

Vert. Spread: 98.4°
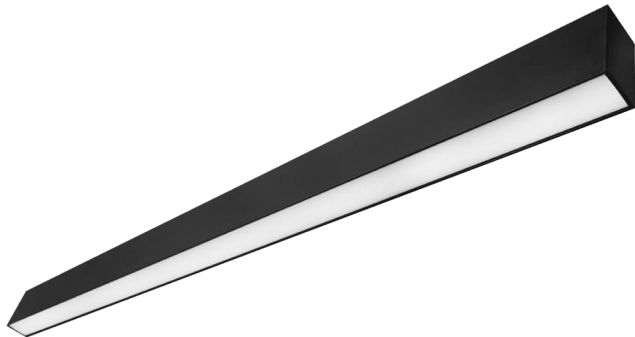Horiz. Spread: 75.0°

G6

LINEAR LED LIGHT

Suspended Architecture Linear | 1.5" Aperture | Direct

OVERVIEW

Innovative Design

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

Diffusers

- Polycarbonate lens
- Wall-wash lens

Multiple Options

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

CCT SWITCHABLE

Emergency backup battery

Mountings Available

- Suspended.
- Wall mount (refer to the wall-mount spec sheet)

Features

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

LUTRON OEM ADVANTAGE

Tests And Certifications

5 YEARS WARRANTY eralux

RoHS

c ETL US INTERTEK LISTED