

LINEAR LED LIGHT

Architectural Linear | 2.5" Aperture | Direct, Direct/Indirect

The G5 series offer high-performance 2.5" linear lighting designed for seamless continuous runs and custom architectural shapes. Available in suspended, recessed, or wall-mounted configurations, these fixtures provide versatile direct, direct/indirect and indirect illumination with multiple diffuser options and selectable settings. They blend aesthetic flexibility with easy installation to enhance any professional environment. Applications: Art Galleries | Office | Retail Stores | Hospitality | Education

DYNAMIC MENU

Order Information	Page 2
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Photometric Data	Page 19

[Install Instruction Link](#)

SPECIFICATIONS

Input Voltage	120-277/347V					
Power Factor	>0.9					
Total Harmonic Distortion	<20%					
Dimming Page 7	0-10V dimming					
CRI	80 CRI					
CCT	30K 35K 40K 50K					
Efficacy	~110 LPW			~1100 lm/ft		
Length (ft)	2	3	4	5	6	8
Power (W)	20	30	40	50	60	80
Ambient Temperature Range	-10°C to 40°C					
Mounting Options	Wall mount Suspended Recessed T-grid					
Fixture Finish	Black White Silver Gun powder Maple					
Acoustic Panel Finish Page 15	BBQ Sauce Soya Sauce Tilapia					
Custom Design Page 6	X, L, T shapes Continuous runs Hexagon Shapes					
Optics Page 16	Polycarbonate Drop lens Wall Wash Parabolic louver					
Distribution - 120°	100% 30% 100% 70%					

DATE	QTY	ACC. QTY	TYPE
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PROJECT

PN

ACCESSORY PN

NOTES



PRODUCT FEATURES



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 7](#)

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).

LINEAR LED LIGHT

Architectural Linear | 2.5" Aperture



ORDERING GUIDE – SUSPENDED | DIRECT LIGHT ONLY

AE-SF-G5CA				010			
AE-SF-G5CA ERALUX G5 Suspended Architectural Linear 120-277/347V Input Voltage		2 20 2ft 20W 2100 lm 3 30 3ft 30W 3150 lm 4 40 4ft 40W 4400 lm 5 50 5ft 50W 5500lm 6 60 6ft 60W 6600lm 8 80 8ft 80W 8800lm C Continuous length increment of 1ft (Select or type the length then click on 'C')		30/35/40¹ 3000/3500/4000K Selectable 30/40/50 3000/4000/5000K Selectable		010 0-10V Dimming	WH-GB White BK-GB Black SV-GB² Silver GN-GB² Gun Powder MA-GB³ Maple
Fixture Family		Length Power		CCT	Control	Finish	
[BLANK] No option -LDE1⁴ Fade-to-Black down to 1% -EMBB⁵ Emergency Battery Backup -1DIM 1% Dimming		-PU -PU18 -PH -PH18		[BLANK] No Canopy -C	[BLANK] -W18	[BLANK] Standard polycarbonate -P Prime Parabolic silver -PS Prime Shadow Parabolic Black -DL 0.5" Drop -WW Wall Wash	
Option		Power Cord	Canopy	Aircraft Cable	Diffuser		

REFER BELOW FOR DETAILED DESCRIPTION OF SUSPENSION KITS

-PU	8ft power cord 120-277V 8ft aircraft cable ⁷
-PU-C	8ft power cord 120-277V 8ft aircraft cable ⁷ 2x 5-inch canopies
-PH	8ft power cord 120-347V 8ft aircraft cable ⁷
-PH-C	8ft power cord 120-347V 8ft aircraft cable ⁷ 2x 5-inch canopies

-PU18-W18	18ft power cord 120-277V 18ft aircraft cable
-PU18-C-W18	18ft power cord 120-277V 18ft aircraft cable 2x 5-inch canopies
-PH18-W18	18ft power cord 120-347V 18ft suspension wires
-PH18-C-W18	18ft power cord 120-347V 18ft aircraft cable 2x 5-inch canopies

NOTES

- Default CCT setting is 3500K but can be changed upon request before shipping.
- Only available with Polycarbonate diffusers.
- Maple finish is only available for 4ft and 8ft fixtures.
- LDE1 is a Lutron Hi-lume EcoSystem driver with Soft-on; it requires color selection. If not, the default CCT is 3500K.
- EMBB option available in 120-277V only, standard EMBB power is 15W.
- For T-grid Ceiling add TBS or TBC clips kit refer to page 14

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.

LINEAR LED LIGHT

Architectural Linear | 2.5" Aperture



ORDERING GUIDE – SUSPENDED | DIRECT/INDIRECT, INDIRECT ONLY LIGHT

AE-SF-SPTCA				010		
AE-SF-SPTCA ERALUX SPT Suspended Architectural Linear 120-277/347V Input Voltage		2 30 2ft 20/30W Up to 3 929lm total 3 40 3ft 30/40W Up to 5 000lm total 4 50 4ft 30/40/50W Up to 6 257lm total 5 60 5ft 50/60W Up to 7500lm total 6 75 6ft 50/60/75W Up to 10 012lm total 8 100 8ft 60/80/100W Up to 12 515lm total C Continuous length increment of 2ft (Select or type the length then click on 'C')		30/35/40 ¹ 3000/3500/4000K selectable 30/40/50 3000/4000/5000K selectable	010 0-10V Dimming	WH-GB White BK-GB Black SV-GB ² Silver GN-GB ² Gun powder
Fixture Family		Length Power		CCT	Control	Finish
[BLANK] 70% Direct, 30% Indirect -100U ³ 100% Indirect	[BLANK] No Option -LDE1 ⁴ Fade-to-Black down to 1% -EMBB ⁵ Emergency Battery Backup -1DIM 1% Dimming	-PU -PU18 -PH -PH18	[BLANK] No Canopy -C	[BLANK] -W18	[BLANK] Standard Polycarbonate -P Prime Parabolic Silver -PS Prime Shadow Parabolic Black -DL 0.5" Drop -WW Wall Wash	
Distribution	Option	Power Cord	Canopy	Aircraft Cable	Diffuser	

REFER BELOW FOR DETAILED DESCRIPTION OF SUSPENSION KITS

-PU	8ft power cord 120-277V 8ft aircraft cable ⁷
-PU-C	8ft power cord 120-277V 8ft aircraft cable ⁷ 2x 5-inch canopies
-PH	8ft power cord 120-347V 8ft aircraft cable ⁷
-PH-C	8ft power cord 120-347V 8ft aircraft cable ⁷ 2x 5-inch canopies

-PU18-W18	18ft power cord 120-277V 18ft aircraft cable
-PU18-C-W18	18ft power cord 120-277V 18ft aircraft cable 2x 5-inch canopies
-PH18-W18	18ft power cord 120-347V 18ft suspension wires
-PH18-C-W18	18ft power cord 120-347V 18ft aircraft cable 2x 5-inch canopies

NOTES

- Default CCT setting is 3500K but can be changed upon request before shipping.
- Only available with Polycarbonate diffusers.
- 100% up-light only available for 4 and 8 ft fixtures in black and white and is not available for custom design shapes.
- LDE1 is a Lutron Hi-lume EcoSystem driver with Soft-on. It requires color selection if not the default CCT, 3500K. EMBB option available in 120-277V only.
- EMBB option available in 120-277V only, standard EMBB power is 15W.
- For T-grid Ceiling add TBS or TBC clips kit refer to page 14

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.

LINEAR LED LIGHT

Architectural Linear | 2.5" Aperture



ORDERING GUIDE – RECESSED T-GRID | DIRECT

AE-SF-G5CA			010		-R		
AE-SF-G5CA ERALUX G5 Linear Architectural Fixture 120-277/347V Input voltage	2 20 2ft 20W 2,200lm 4 40¹ 4ft 40W 4,200lm 5 40 5ft 40W 4,200lm 6 50 6ft 50W 6,000lm 8 80 8ft 80W 8,400lm <u> </u> C Continuous length increment of 1ft (Select or type the length then click on 'C')	30/35/40² 3000/3500/4000K selectable 30/40/50 3000/4000/5000K selectable	010 0-10V	WH-GB White BK-GB Black	-R Recessed mounting on T-grids	-A Stand-alone -B Starter/ender -C Middle	[BLANK] No option LDE1³ Fade-to-Black down to 1% EMBB⁴ Emergency battery backup 1DIM⁵ 1% Dimming
Fixture Family	Length Power	CCT	Control	Finish	Mounting	Type	Option

ORDERING GUIDE – WALL MOUNT | DIRECT⁷

AE-SF-G5CA			010			
AE-SF-G5CA ERALUX G5 Wall Mounted Architectural Linear 120-277/347V Input Voltage	2 20 2ft 20W 2100lm 3 30 3ft 30W 3150lm 4 40 4ft 40W 4200lm 5 50 5ft 50W 4400lm 6 60 6ft 60W 6000lm 8 80 8ft 80W 8400lm <u> </u> C Continuous length increment of 1ft (Select or type the length then click on 'C')	30/35/40² 3000/3500/4000K selectable 30/40/50 3000/4000/5000K selectable	010 0-10V	WH-GB White BK-GB Black SV-GB⁶ Silver GN-GB⁶ Gun Powder	[BLANK] No Option LDE1³ Fade-to- Black down to 1% EMBB⁴ Emergency Battery Backup 1DIM 1% Dimming	[BLANK] Standard Polycarbonate -P Prime Parabolic silver -PS Prime Shadow Parabolic Black -DL 0.5" Drop -WW Wall Wash
Fixture Family	Length Power	CCT	Control	Finish	Option	Diffuser

NOTES

- 3ft option not available for Recessed T-Grid
 - Default CCT setting is 3500K, but can be changed upon request before shipping.
 - LDE1 is a Lutron Hi-lume EcoSystem driver with Soft-on; it requires color selection. If not, the default CCT is 3500K.
 - EMBB option available in 120-277V only, standard EMBB power is 15W.
 - Only available with Polycarbonate diffusers.
 - Must order wall mount bracket separately.
- For Wall Mount Linear: L-shape are available, contact factory for more information.

LINEAR LED LIGHT

Architectural Linear | 2.5" Aperture

ORDERING GUIDE – WALL MOUNT | DIRECT/INDIRECT, INDIRECT ONLY⁹

AE-SF-SPTCA			010	
AE-SF-SPTCA ERALUX SPT Linear Architectural Fixture 120-277/347V Input Voltage	4 50 4ft 30/40/50W Up to 5250 lm 8 100 8ft 60/80/100W Up to 10500 lm C Continuous length increment of 2ft ¹ (Select or type the length then click on 'C')	30/35/40² 3000/3500/4000K selectable 30/40/50 3000/4000/5000K selectable	010 0-10V Dimming	WH-GB White BK-GB Black SV-GB³ Silver GN-GB³ Gun Powder
Fixture Family	Length Power	CCT	Control	Finish

[BLANK] No Option -LDE1⁴ Fade-to-Black Down to 1% -EMBB⁵ Emergency Battery Backup -1DIM 1% Dimming	[BLANK] Standard Polycarbonate -P Prime Parabolic silver -PS Prime Shadow Parabolic Black -DL 0.5" Drop -WW Wall Wash	[BLANK] 70% Direct, 30% Indirect -100U⁷ 100% Indirect

Option	Diffuser	Distribution
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ORDERING GUIDE – WALL MOUNT BRACKET | DIRECT/INDIRECT, INDIRECT ONLY

AE-SF-WMB	
AE-SF-WMB	-WH -BK
Fixture Family	Finish

NOTES

- For increments of 1ft, contact factory.
- Default CCT setting is 3500K, but can be changed upon request before shipping.
- Only available with polycarbonate diffusers
- LDE1 is a Lutron Hi-lume EcoSystem driver with Soft-on. It requires color selection, if not the default 3500K CCT.
- EMBB option available in 120-277V only, standard EMBB power is 15W.
- 100% up-light only available in black and white and is not available for custom design shapes.
- L-shape are available, contact factory for more information.
- Must order wall mount bracket separately.

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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ORDERING GUIDE – CUSTOM DESIGN

					010	
AE-SF-G5- ERALUX G5 Suspended Architectural Linear	- Specify dimension of S1 (Select or type the length)	- Specify dimension of S2 (Select or type the length)	-R Rectangular Shape -L L-shape -T T-shape -X X-shape -HEX Hexagonal Shape	30/35/40¹ 3000/3500/4000K selectable 30/40/50 3000/4000/5000K selectable	010 0-10V Dimming	WH-GB White BK-GB Black

Fixture Family	Side 1	Side 2	Design	CCT	Controls	Finish
Rectangle 			X - Shape 	L - Shape 	T - Shape 	Hexagon
For square , S1 equal to S2. S1 & S2 ≥ 2FT			Symmetrical sides			
			For equal sides , S1 equal to S2.		Symmetrical side	For Hexagon, All sides are equal to S1 ≥ 2FT

NOTES

- Only available with polycarbonate diffusers.
- For more complex designs, contact factory.
- The precise dimensions will be provided by factory upon request or refer to the dimensions on [Page 4](#).



ORDERING GUIDE – TRIAC Dimming

AE-SF-G5CA			-TRI	
AE-SF-G5CA ERALUX G5 Linear	2 15 2ft 15W 1575lm	30 3000K	-TRI TRIAC Dimming	-WH-GB White -BK-GB Black
AE-SF-SPTCA ERALUX SPT Linear	4 40 4ft 40W 4250lm 8 80 8ft 80W 9600lm	35 3500K 40 4000k		
Fixture Family	Length Power	CCT	Controls	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.

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LUMEN OUTPUT - DIRECT

Efficacy: 110 LPW, 1100 lm/ft

LENGTH	OUTPUT POWER
2FT	15W 1650 lm
	20W 2200 lm
3FT	30W 3300 lm
4FT	30W 3300 lm
	40W 4400 lm

LENGTH	OUTPUT POWER
5FT	35W 3850 lm
	50W 5500 lm
6FT	35W 3850 lm
	50W 5500 lm
	60W 6600 lm
8FT	60W 6600 lm
	80W 8800 lm

LUMEN OUTPUT – DIRECT/INDIRECT

LENGTH	TOTAL OUTPUT	DIRECT OUTPUT	INDIRECT OUTPUT
2FT	20W 2500 lm	14W 1750 lm	6W 750 lm
	30W 3750 lm	21W 2625 lm	9W 1125 lm
3FT	30W 3750 lm	21W 2625 lm	9W 1125 lm
	40W 5000 lm	28W 3500 lm	12W 1500 lm
4FT	30W 3750 lm	21W 2625 lm	9W 1125 lm
	40W 5000 lm	28W 3500 lm	12W 1500 lm
	50W 6250 lm	35W 4375 lm	15W 1875 lm

LENGTH	TOTAL OUTPUT	DIRECT OUTPUT	INDIRECT OUTPUT
5FT	50W 6250 lm	35W 4375 lm	15W 1875 lm
	60W 7500 lm	42W 5250 lm	18W 2250 lm
6FT	50W 6250 lm	35W 4375 lm	15W 1875 lm
	60W 7500 lm	42W 5250 lm	18W 2250 lm
	75W 10000 lm	56W 7000 lm	24W 3000 lm
8FT	60W 7500 lm	42W 5250 lm	18W 2250 lm
	80W 10000 lm	56W 7000 lm	24W 3000 lm
	100W 12500 lm	70W 8750 lm	30W 3750 lm

DLC MODEL



G5

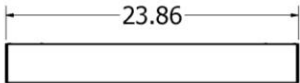
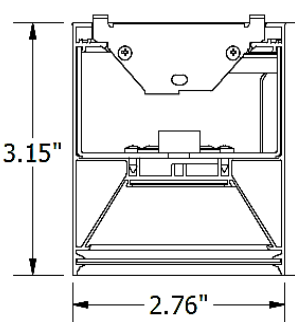
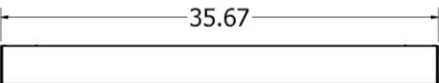
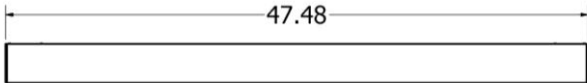
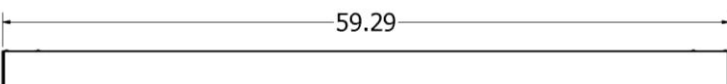
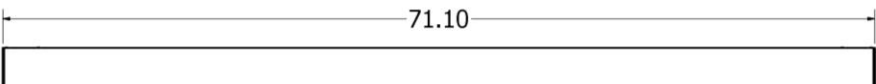
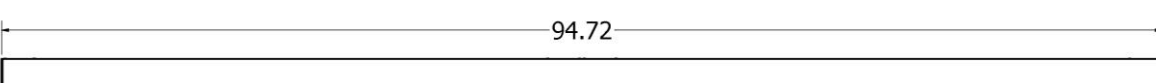
DLC MODEL	PRODUCT ID	Primary Use	Classification
AE-SF-G5CA22030-35-40010YY-GB	S-JTRUD	Direct Linear Ambient Luminaires	Standard
AE-SF-G5CA44030-35-40010YY-GB	S-ACNDT2		Standard
AE-SF-G5CA87030-35-40010YY-GB	S-09HDJM		Standard

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		

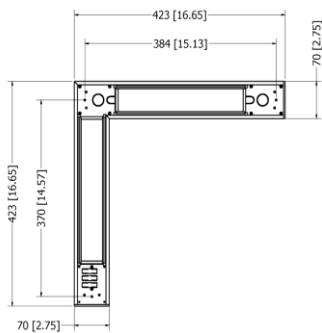
DIMENSIONS – FIXTURE

SIZE	TOP/BOTTOM VIEW	SIDE VIEW
2FT		
3FT		
4FT		
5FT		
6FT		
8FT		

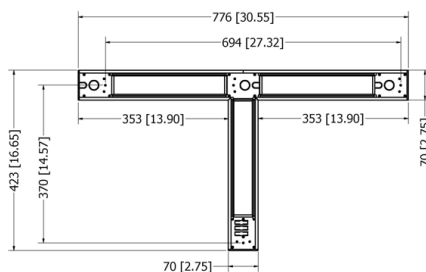
DIMENSIONS – CUSTOM SHAPES

SHAPES

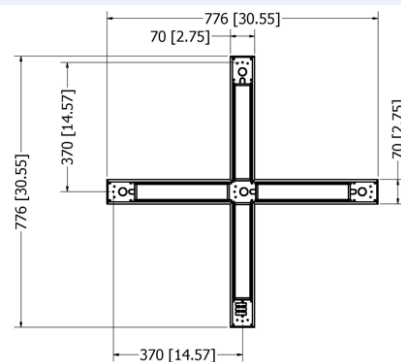
L-SHAPE
AE-SF-G5-1-1-L



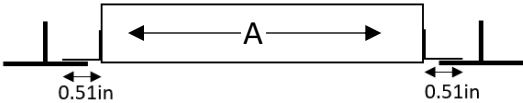
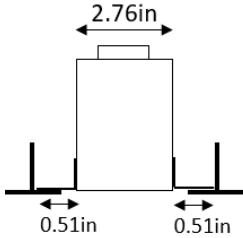
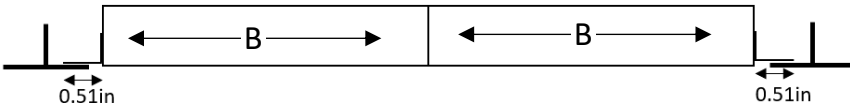
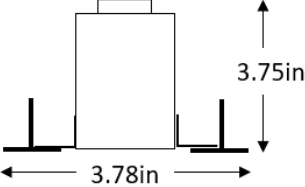
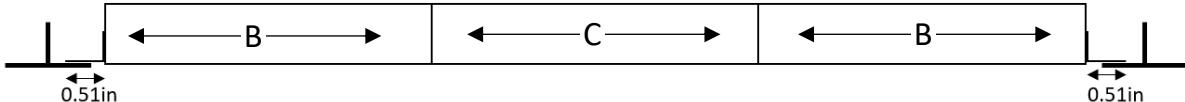
T-SHAPE
AE-SF-G5-1-1-T



X-SHAPE
AE-SF-G5-1-1-X

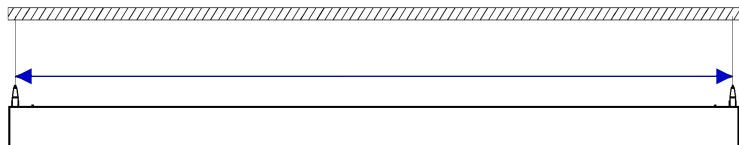


DIMENSIONS – RECESSED T-GRID

POSITION	DIMENSIONS	SIDE VIEW
Stand-alone		
Starter/End		
Middle		

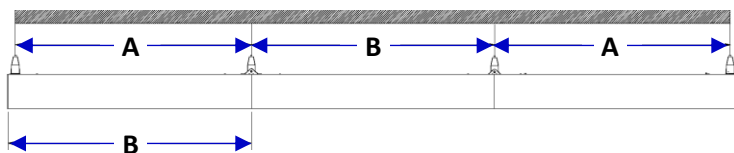
LENGTH	A	B	C
2ft	22.75 in	23.38 in	23.82 in
4ft	46.73 in	47.36 in	47.80 in
5ft	58.74 in	59.37 in	59.77 in
6ft	70.67 in	71.30 in	71.69 in
8ft	94.72 in	95.31 in	95.79 in

DRILLING PATTERN – SUSPENDED STAND ALONE INSTALLATION



SIZE	STAND ALONE INSTALLATION
2FT	22.2 ± .10
3FT	34.02 ± .10
4FT	45.75 ± .10
5FT	57.64 ± .10
6FT	69.45 ± .10
8FT	93.07 ± .10

DRILLING PATTERN – SUSPENDED CONTINUOUS RUN INSTALLATION

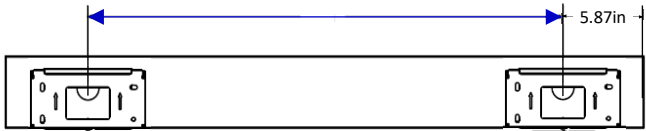


SIZE	CONTINUOUS RUN INSTALLATION	
	A	B
2FT	22.90 ± .10	23.62 ± .10
3FT	34.64 ± .10	35.36 ± .10
4FT	46.45 ± .10	47.17 ± .10
5FT	58.26 ± .10	58.98 ± .10
6FT	70.15 ± .10	70.87 ± .10
8FT	93.77 ± .10	94.49 ± .10

LINEAR LED LIGHT

Wall Mount Linear | 2.5" Aperture | Direct

DRILLING PATTERN – WALL MOUNT

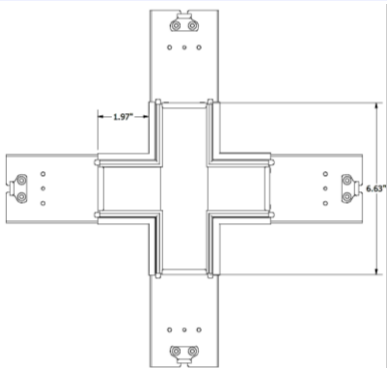


SIZE	STAND ALONE INSTALLATION
2FT	12 in
3FT	23.9 in
4FT	35.5 in
5FT	47.6 in
6FT	59 in
8FT	82.6 in

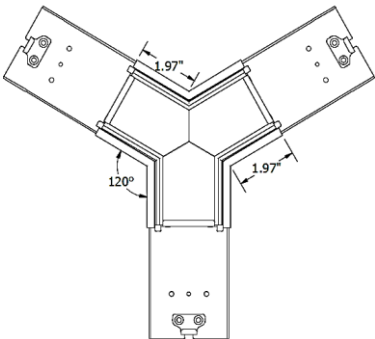
ACCESSORIES

LIT JOINERS
Available for Suspended

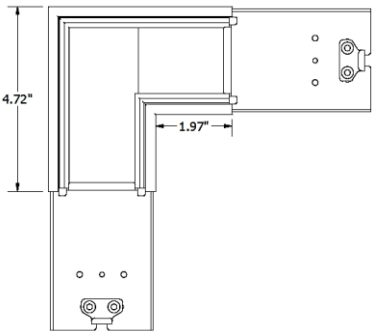
X-JOINER



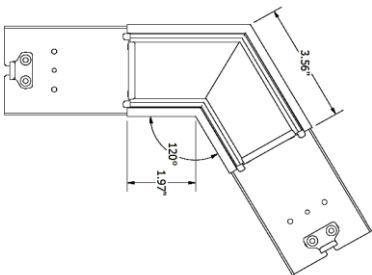
Y-JOINER



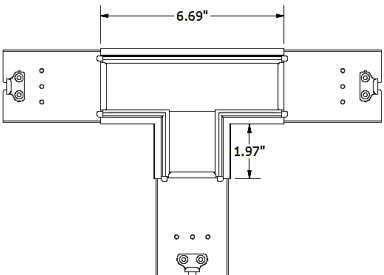
L-JOINER



V-JOINER



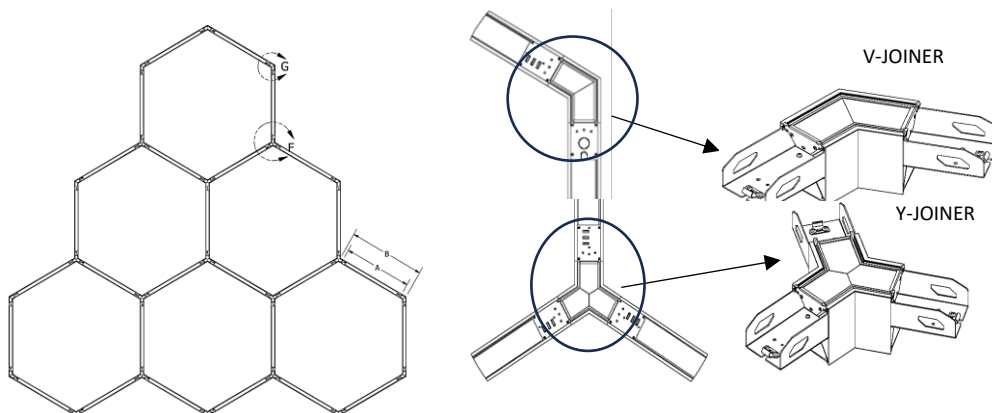
T-JOINER



ACCESSORIES

LIT JOINERS			
ORDER CODE			
Family	Shape	CCT	Finish
AE-SF-SPT/G5	-V	-30/35/40	-LJ-KIT-WH
	-X		
	-T	-30/35/40	-LJ-KIT-BK
	-L		-LJ-KIT-MA
	-Y		

HONEYCOMB PATTERN



ACCESSORIES

WALL MOUNT

Description		Pictures
AE-SF-WMB-WH	White wall mount kit used for linear fixtures installation on walls	
AE-SF-WMB-BK	Black wall mount kit used for linear fixtures installation on walls	

G3-LINK

AE-SF-LINK-G3	Seamless mechanical connection for continuous runs, preventing light leakage with easy installation.	
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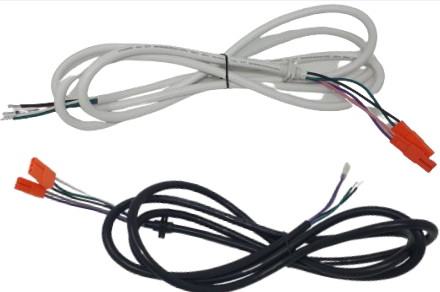
LINEAR LED LIGHT

Architectural Linear | 2.5" Aperture

ACCESSORIES – SUSPENSION

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-HV-WH-18FT AE-SF-PWRCORD-HV-BK-18FT	18' white / black power cord with 120-347V input voltage	

CANOPY

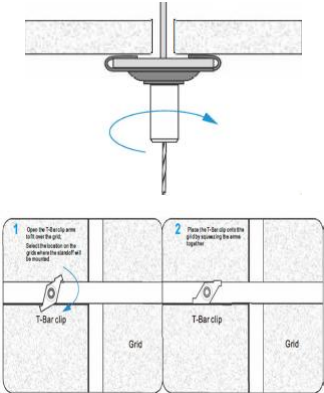
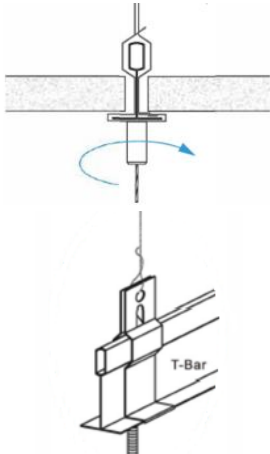
ORDER CODE	DESCRIPTION	PICTURE
AE-SF-CANOPY-WH-ELITE AE-SF-CANOPY-BK-ELITE AE-SF-CANOPY-MA-ELITE	2 pieces per set white / black / maple 5" canopy 0.3" thickness Dual hole for power cord & aircraft cable Single hole for aircraft cable	

AIRCRAFT CABLE

ORDER CODE	DESCRIPTION	PICTURE
AE-SF-G5/SPT-WIRE-8FT	8ft aircraft cable 2 pieces per set 1 set / fixture	
AE-SF-G5/SPT-WIRE-18FT	18ft aircraft cable 2 pieces per set 1 set / fixture	

ACCESSORIES – SUSPENSION

Ordered separately if needed

T-BAR PENDANT		
ORDER CODE	DESCRIPTION	PICTURE
AE-SF-T-TCLIP-TBC-KIT T-bar Clip	T-bar clip Used to suspend the fixture securely from a T-bar ceiling grid. Installed by rotating the clip on the grid Kit includes T-Bar Clip and T-Bar holder.	
AE-SF-T-TCLIP-TBS-KIT T-bar Suspension Clip	T-bar suspension clip Used to suspend the fixture securely from a T-bar ceiling grid. Installed by clamping the clip on the grid. Kit includes T-Bar Suspended Clip and T-Bar Holder.	

ACCESSORIES – ACOUSTIC HOUSING

Ordered separately if needed

Introducing the SILENCIO Series Acoustic Housing for the architectural linears by ERALUX. Designed to enhance sound quality and reduce noise in bustling environments, the SILENCIO features advanced sound-absorbing materials, ensuring optimal acoustic performance for spaces such as offices, conference rooms, and open-plan areas. These panels are fixed to the linear housing, offering a sleek and modern aesthetic while effectively dampening ambient noise. Easy to install using adhesives, the SILENCIO Series provides a versatile and efficient solution for creating quieter, more comfortable spaces.

TECHNICAL SPECIFICATIONS

MATERIAL	100% Polyester Fiber
NOISE REDUCTION COEFFICIENT (NRC)	0.80

SURFACE BURNING CHARACTERISTICS

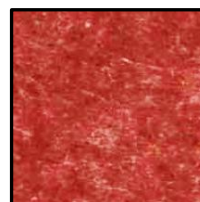
FLAME SPREAD INDEX (FSI)	15
SMOKE DEVELOPED INDEX (SDI)	40
ASTM E84 (FIRE RATING) CLASSIFICATION	Class A (Highest flame inhibition class)
FLAME SPREAD INDEX (FSI)	15

**ORDERING CODE**

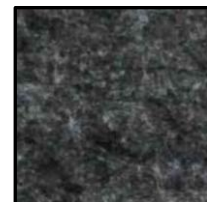
ORDERING CODE			
Family	Shape	CCT	Finish
AE-SIL	-2FT	-TIL	-G5CASE
	-4FT		
	-5FT	-BBQ	
	-6FT		
	-8FT	-SOY	



TILAPIA - #8E8C8C



BBQ SAUCE - #CB4147



SOYA SAUCE - #454545

NOTES

- Only available for suspended linears
- See Silencio Housing spec sheet for more information (ONLY COLORS SHOWN ABOVE are offered for G5/SPT acoustic housing)

LINEAR LED LIGHT

Architectural Linear | 2.5" Aperture

LENS OPTIONS

DROP LENS

ORDER CODE

DESCRIPTION

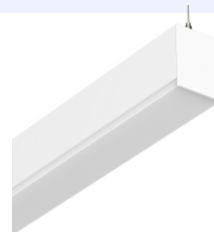
PICTURE

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 provides glowing sides with crisp corners visible at a distance. This drop lens gives a 3D look to the light that will enliven your space and add wider spread to the surroundings.

Available sizes: 2FT, 4FT, 6FT, and 8FT.
23% less lumens. 0.5" thickness.



WALL WASH LENS

ORDER CODE

DESCRIPTION

PICTURE

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

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

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.

Available sizes: 2FT, 4FT, 5FT, 6FT, and 8FT.



CONTINUOUS LENS

ORDER CODE

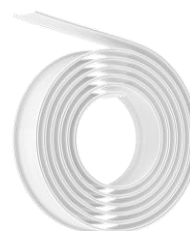
DESCRIPTION

PICTURE

AE-SF-G5/SPT-LENS-C-33FT

The continuous lens features an unbroken linear profile that offers seamless illumination and a clean, minimalist visual texture.

Available size: Available in continuous seamless runs up to 33FT.



LINEAR LED LIGHT

Architectural Linear | 2.5" Aperture

LENS OPTIONS

PRIME LENS

ORDER CODE

DESCRIPTION

PICTURE

Order using ordering guide. [Page 2](#)

The prime lens 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 it suitable for contemporary spaces.

Available sizes: 2FT, 4FT, 5FT, 6FT, and 8FT.
Efficacy: ~90Lm/W | UGR: 13.9 - 15.7



PRIME SHADOW LENS

ORDER CODE

DESCRIPTION

PICTURE

Order using ordering guide. [Page 2](#)

The prime shadow lens 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 reduces glare by absorbing more light. Black louvers can create a more dramatic or industrial aesthetic, fitting well in design contexts.

Available sizes: 2FT, 4FT, 5FT, 6FT, and 8FT.
Efficacy: ~55Lm/W | UGR: 18.3 - 20.4



LINEAR LED LIGHT

Architectural Linear | 2.5" Aperture

CONTROLS

EMERGENCY LED DRIVER

BLD-YT08D-XXX

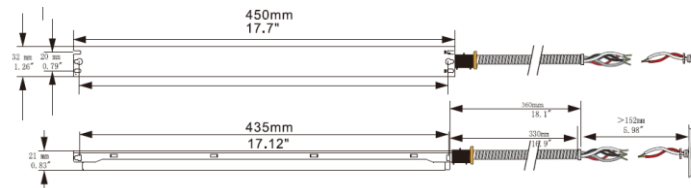
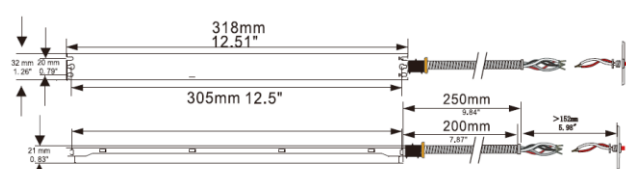
BLD-YT15D-XXX



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
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
NOTES	For 8ft fixtures, EMBB will only power a 4ft portion



ROOM OCCUPANCY SENSOR

Ordered separately, field installed

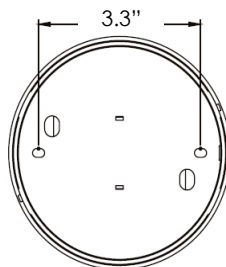
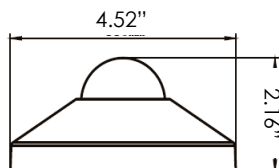
PART NUMBER

DESCRIPTION

AE-CT-DT806	Detecta - Room Occupancy Sensor
RC102	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 m 9.8- 32.8 ft
Standby Power	~0.9W
Time Setting	10 sec to 30 min
Light Control	10 – 2000lux
Installation	Ceiling Mounted



LINEAR LED LIGHT

Architectural Linear | 2.5" Aperture

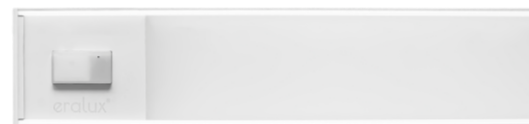
CONTROLS

Bi Level Microwave Motion Sensor

Motion Sensor

ORDER CODE

Family	CCT	Length	Finish
G5/SPT-MS	-30/35/40	-2FT	-WH
		-4FT/8FT	
	-30/35/40	-6FT	-BK



G5/SPT-MS-EIFS08

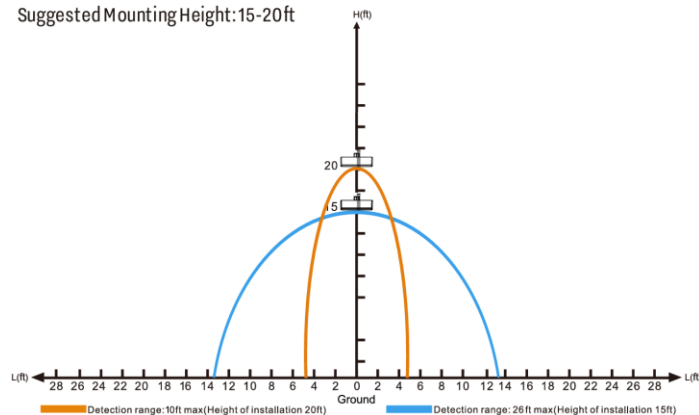
SPECIFICATIONS

Input Voltage	12 Vdc
Input Current	40mA
Sinking Current	10mA Max
IP Rating	IP20
Detection Range	3- 7.92 Meters 9.8- 26 Feet
Mounting Height	6 Meters Max 20 Feet Max
Operating Temperature	-30F to 131°F -30°C to 55°C
Sensor	Microwave Occupancy Photocell

Note: There may be interference with the sensor beyond our control which could cause the sensor to not function optimally
Can control up to 10 drivers

Zone Coverage

Suggested Mounting Height: 15-20ft



PART NUMBER

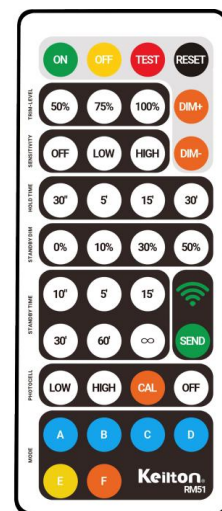
DESCRIPTION

AE-SF-JB-MOTIONSENSOR-RMT

RM51 Remote Control

Parameters

Default Mode (Reset)	Motion → 100%, No Motion ≥ 5 min → DIM to 30%, No Motion ≥ 60 min → Off.
DIM+ / DIM-	Control the dimming of the fixture
Trim Level	Set maximum threshold value at 50%, 75%, or 100%.
Sensitivity	OFF (PIR OFF, Enter PC ON/OFF function) / LOW 50% / HIGH 100%
Hold Time	Time of no occupancy after the fixture goes to standby: 30s / 5 min / 15 min / 30 min
Standby DIM	Select any standby dim level: 0% / 10% / 30% / 50%
Standby Time	10s / 5 min / 15 min / 30 min / 1h / ∞. "∞" means the standby time is infinite, and the fixture is effectively controlled by the daylight sensor.
Photocell	LOW (1fc) / HIGH (50fc) / CAL (Collects the current Lux Level) ON.



LINEAR LED LIGHT

Architectural Linear | 2.5" Aperture

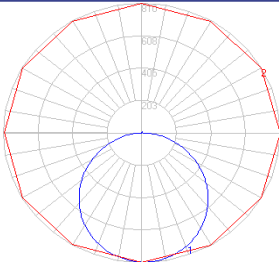
LUMEN ESTIMATE

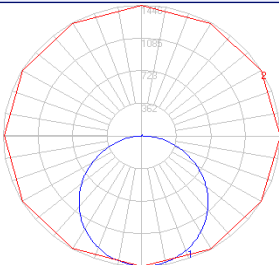
Lumen output varies based on CCT and CRI. Use correction factors as per table below:

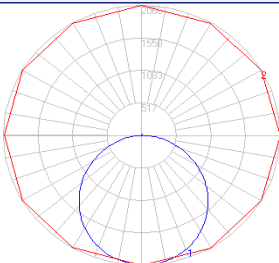
LUMEN ESTIMATE ADJUSTMENT FACTORS

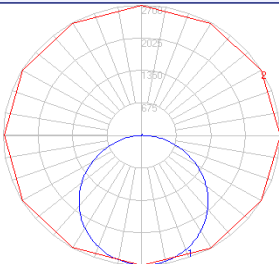
CCT	3000K	3500K	4000K	5000K
PREMIUM (90CRI)	0.94	0.97	1	1.03

PHOTOMETRIC DATA – DIRECT

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-SF-G5CA220		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	20W	0-20°	294.61	12.90		1.7ft	280 fc	5.0 ft	4.8 ft
CCT	4000K	0-30°	623.47	27.20		3.3ft	74.3 fc	9.7 ft	9.3 ft
Distribution	120°	0-40°	1017.77	44.40		5.0ft	32.4 fc	14.8 ft	14.0 ft
Length	2ft	0-60°	1789.99	78.10		6.7ft	18 fc	19.8 ft	18.8 ft
		0-80°	2225.05	97.10		8.3ft	11.7 fc	24.5 ft	23.3 ft
		0-90°	2265.42	98.90		10.0ft	8.09 fc	29.5 ft	28.1 ft
					■ Vert. Spread: 111.7° ■ Horiz. Spread: 109.1°				

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-SF-G5CA440		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	40W	0-20°	525.87	12.9		1.7ft	500 fc	5.0 ft	4.8 ft
CCT	4000K	0-30°	1112.9	27.2		3.3ft	133 fc	9.7 ft	9.3 ft
Distribution	120°	0-40°	1816.72	44.4		5.0ft	57.8 fc	14.8 ft	14.0 ft
Length	4ft	0-60°	3194.96	78.1		6.7ft	32.2 fc	19.8 ft	18.8 ft
		0-80°	3971.71	97.1		8.3ft	21 fc	24.5 ft	23.3 ft
		0-90°	4043.77	98.9		10.0ft	14.4 fc	29.5 ft	28.1 ft
					■ Vert. Spread: 111.7° ■ Horiz. Spread: 109.1°				

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-SF-G5CA660		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	60W	0-20°	751.25	12.9		1.7ft	714 fc	5.0 ft	4.8 ft
CCT	4000K	0-30°	1589.85	27.2		3.3ft	189 fc	9.7 ft	9.3 ft
Distribution	120°	0-40°	2595.32	44.4		5.0ft	82.5 fc	14.8 ft	14.0 ft
Length	6ft	0-60°	4564.23	78.1		6.7ft	46 fc	19.8 ft	18.8 ft
		0-80°	5673.88	97.1		8.3ft	29.9 fc	24.5 ft	23.3 ft
		0-90°	5776.82	98.9		10.0ft	20.6 fc	29.5 ft	28.1 ft
					■ Vert. Spread: 111.7° ■ Horiz. Spread: 109.1°				

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-SF-G5CA880		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	80W	0-20°	981.56	12.90		1.7ft	933 fc	5.0 ft	4.8 ft
CCT	4000K	0-30°	2077.26	27.20		3.3ft	248 fc	9.7 ft	9.3 ft
Distribution	120°	0-40°	3390.97	44.40		5.0ft	108 fc	14.8 ft	14.0 ft
Length	8ft	0-60°	5963.5	78.10		6.7ft	60 fc	19.8 ft	18.8 ft
		0-80°	7413.33	97.10		8.3ft	39.1 fc	24.5 ft	23.3 ft
		0-90°	7547.83	98.90		10.0ft	27 fc	29.5 ft	28.1 ft
					■ Vert. Spread: 111.7° ■ Horiz. Spread: 109.1°				

LINEAR LED LIGHT

Suspended Architecture Linear | 2.5" Aperture | Direct/Indirect

PHOTOMETRIC DATA

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION		
AE-SF-SPTCA23030/35/40010		Zone	Lumens	% Fixture	Direct / Indirect Light	Center Beam Fc	Beam Width	
Wattage	30W	0-20°	342.94	8.6		1.7ft	328 fc	4.7 ft 4.5 ft
CCT	4000K	0-30°	721.35	18.1		3.3ft	87.1 fc	9.2 ft 8.8 ft
Distribution	120°	0-40°	1165.69	29.3		5.0ft	37.9 fc	13.9 ft 13.4 ft
Length	2ft	0-60°	2008.67	50.4		6.7ft	21.1 fc	18.6 ft 17.9 ft
		0-80°	2477.47	62.2		8.3ft	13.8 fc	23.1 ft 22.2 ft
		0-90°	2585.29	64.9		10.0ft	9.48 fc	27.8 ft 26.8 ft
						Vert. Spread: 108.6° Horiz. Spread: 106.4°		

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION		
AE-SF-SPTCA45030/35/40010		Zone	Lumens	% Fixture	Direct / Indirect Light	Center Beam Fc	Beam Width	
Wattage	50W	0-20°	595.68	9.3		1.7ft	569 fc	4.8 ft 4.6 ft
CCT	4000K	0-30°	1254.00	19.5		3.3ft	151 fc	9.3 ft 8.9 ft
Distribution	120°	0-40°	2030.56	31.6		5.0ft	65.8 fc	14.2 ft 13.5 ft
Length	4ft	0-60°	3528.07	54.9		6.7ft	36.6 fc	19.0 ft 18.0 ft
		0-80°	4370.63	68.0		8.3ft	23.9 fc	23.5 ft 22.3 ft
		0-90°	4472.68	69.6		10.0ft	16.4 fc	28.3 ft 26.9 ft
						Vert. Spread: 109.5° Horiz. Spread: 106.7°		

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION		
AE-SF-SPTCA67530/35/40010		Zone	Lumens	% Fixture	Direct / Indirect Light	Center Beam Fc	Beam Width	
Wattage	75W	0-20°	953.10	9.3		1.7ft	910 fc	4.8 ft 4.6 ft
CCT	4000K	0-30°	2006.40	19.5		3.3ft	242 fc	9.3 ft 8.9 ft
Distribution	120°	0-40°	3248.89	31.6		5.0ft	105 fc	14.2 ft 13.5 ft
Length	6ft	0-60°	5644.91	54.9		6.7ft	58.6 fc	19.0 ft 18.0 ft
		0-80°	6993.01	68.0		8.3ft	38.2 fc	23.5 ft 22.3 ft
		0-90°	7156.29	69.6		10.0ft	26.3 fc	28.3 ft 26.9 ft
						Vert. Spread: 109.5° Horiz. Spread: 106.7°		

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION		
AE-SF-SPTCA810030/35/40010		Zone	Lumens	% Fixture	Direct / Indirect Light	Center Beam Fc	Beam Width	
Wattage	100W	0-20°	1191.37	9.3		1.7ft	1138 fc	4.8 ft 4.6 ft
CCT	4000K	0-30°	2507.99	19.5		3.3ft	302 fc	9.3 ft 8.9 ft
Distribution	120°	0-40°	4061.11	31.6		5.0ft	132 fc	14.2 ft 13.5 ft
Length	8ft	0-60°	7056.14	54.9		6.7ft	73.2 fc	19.0 ft 18.0 ft
		0-80°	8741.27	68.0		8.3ft	47.7 fc	23.5 ft 22.3 ft
		0-90°	8945.36	69.6		10.0ft	32.9 fc	28.3 ft 26.9 ft
						Vert. Spread: 109.5° Horiz. Spread: 106.7°		

LINEAR LED LIGHT

Architectural Linear | 2.5" Aperture

PHOTOMETRIC DATA – LENS OPTIONS | DIRECT, INDIRECT

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION				
AE-SF-G5CA44030/35/40X-DL		Zone	Lumens	% Fixture	Direct / Indirect Light		Center Beam Fc		Beam Width	
Wattage	40W	0-20°	420.45	11.9			2.5ft	186 fc	6.5 ft	7.2 ft
CCT	4000K	0-30°	882.52	24.9			5.0ft	46.6 fc	12.9 ft	14.5 ft
Distribution	120°	0-40°	1428.38	40.4			7.5ft	20.7 fc	19.4 ft	21.7 ft
Length	4ft	0-60°	2493.86	70.5			10.0ft	11.6 fc	25.8 ft	28.9 ft
							12.5ft	7.45 fc	32.3 ft	36.2 ft
DROP LENS		0-80°	3150.06	89	15.0ft	5.17 fc	38.7 ft	43.4 ft		
		0-90°	3267.17	92.3			■ Vert. Spread: 104.5° ■ Horiz. Spread: 110.7°			

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION				
AE-SF-G5CA45030/35/40X-WW		Zone	Lumens	% Fixture	Direct / Indirect Light		Center Beam Fc		Beam Width	
Wattage	50W	0-20°	931.99	13.4			2.5ft	347 fc	3.5 ft	1.4 ft
CCT	4000K	0-30°	2174.46	31.3			5.0ft	86.8 fc	6.9 ft	2.8 ft
Distribution	120°	0-40°	3457.33	49.8			7.5ft	38.6 fc	10.4 ft	4.1 ft
Length	4ft	0-60°	4537.37	65.3			10.0ft	21.7 fc	13.9 ft	5.5 ft
							12.5ft	13.9 fc	17.3 ft	6.9 ft
WALL WASH LENS		0-80°	4827.69	69.5	15.0ft	9.65 fc	20.8 ft	8.3 ft		
		0-90°	4850.9	69.8			■ Vert. Spread: 69.5° ■ Horiz. Spread: 30.9°			

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION				
AE-SF-G5CA44030/35/40X-P		Zone	Lumens	% Fixture	Direct / Indirect Light		Center Beam Fc		Beam Width	
Wattage	40W	0-20°	967.59	27.6			2.5ft	178 fc	7.2 ft	6.9 ft
CCT	4000K	0-30°	1905.45	54.4			5.0ft	44.5 fc	14.4 ft	13.8 ft
Distribution	120°	0-40°	2736.19	78.2			7.5ft	19.8 fc	21.7 ft	20.7 ft
Length	4ft	0-60°	3454.72	98.7			10.0ft	11.1 fc	28.9 ft	27.6 ft
							12.5ft	7.11 fc	36.1 ft	34.5 ft
PRIME		0-80°	3483.38	99.5	15.0ft	4.94 fc	43.3 ft	41.5 ft		
		0-90°	3485.56	99.6			■ Vert. Spread: 110.6° ■ Horiz. Spread: 108.2°			

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION				
AE-SF-G5CA44030/35/40X-PS		Zone	Lumens	% Fixture	Direct / Indirect Light		Center Beam Fc		Beam Width	
Wattage	40W	0-20	523.96	23.4			2.5ft	233 fc	3.1 ft	5.1 ft
CCT	4000K	0-30	1069.19	47.8			5.0ft	58.4 fc	6.3 ft	10.3 ft
Distribution	120°	0-40	1601.34	71.6			7.5ft	25.9 fc	9.4 ft	15.4 ft
Length	4ft	0-60	2178.89	97.4			10.0ft	14.6 fc	12.5 ft	20.5 ft
							12.5ft	9.34 fc	15.6 ft	25.6 ft
PRIME SHADOW		0-80	2230.17	99.7	15.0ft	6.49 fc	18.8 ft	30.8 ft		
		0-90	2231.01	99.8			■ Vert. Spread: 64.0° ■ Horiz. Spread: 91.5°			

LINEAR LED LIGHT

Architectural Linear | 2.5" Aperture

OVERVIEW



Suspended



Recessed T-grid



Wall mount

**Innovative Design**

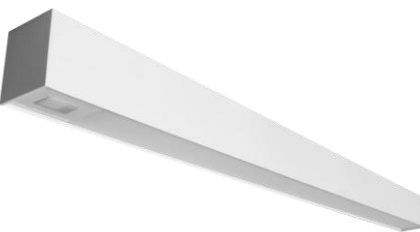
- Extruded aluminum housing for better heat dissipation.
- Highly durable polycarbonate and high transmittance lens.

**Diffusers**

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

**Multiple Options**

- Six standard lengths available: 2, 3, 4, 5, 6 & 8ft.
- CCT switchable and power tunable.
- Black, white, silver, gun powder and maple finishes.
- EMBB and Motion sensor

**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

**Mountings Available**

- Suspended
- Wall mount
- Recessed T-grid

**Tests And Certifications**