

## 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

	DATE	QTY	ACC. QTY	TYPE
PROJECT				
PN				
ACCESSORY PN				
NOTES				

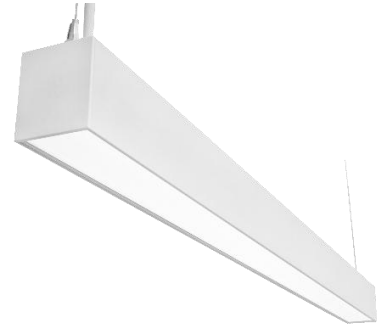
#### DYNAMIC MENU

Order Information	<a href="#">Page 2</a>
Dimensions	<a href="#">Page 8</a>
Accessories	<a href="#">Page 11</a>
Photometric Data	<a href="#">Page 19</a>

[Install Instruction Link](#)

#### SPECIFICATIONS

Input Voltage	120-277/347V					
Power Factor	>0.9					
Total Harmonic Distortion	<20%					
Dimming <a href="#">Page 7</a>	0-10V dimming					
CRI	80 CRI					
CCT	<span>30K</span> <span>35K</span> <span>40K</span> <span>50K</span>					
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	<input type="checkbox"/> Wall mount		<input checked="" type="checkbox"/> Suspended		<input type="checkbox"/> Recessed T-grid	
Fixture Finish	Black   White   Silver   Gun powder   Maple 					
Acoustic Panel Finish <a href="#">Page 15</a>	BBQ Sauce   Soya Sauce   Tilapia 					
Custom Design <a href="#">Page 6</a>	X, L, T shapes Continuous runs Hexagon Shapes					
Optics <a href="#">Page 16</a>	Polycarbonate   Drop lens   Wall Wash   Parabolic louver					
Distribution - 120°	100%		70%		100%	



#### 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](http://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

<b>AE-SF-G5CA</b>			<b>010</b>	
<b>AE-SF-G5CA</b> ERALUX G5 Suspended Architectural Linear  120-277/347V Input Voltage	<b>2   20</b> 2ft   20W   2100 lm <b>3   30</b> 3ft   30W   3150 lm <b>4   40</b> 4ft   40W   4400 lm <b>5   50</b> 5ft   50W   5500lm <b>6   60</b> 6ft   60W   6600lm <b>8   80</b> 8ft   80W   8800lm  <b>C</b> Continuous length increment of 1ft (Select or type the length then click on 'C')	<b>30/35/40<sup>1</sup></b> 3000/3500/4000K Selectable <b>30/40/50</b> 3000/4000/5000K Selectable	<b>010</b> 0-10V Dimming	<b>WH-GB</b> White <b>BK-GB</b> Black <b>SV-GB<sup>2</sup></b> Silver <b>GN-GB<sup>2</sup></b> Gun Powder <b>MA-GB<sup>3</sup></b> Maple

Fixture Family	Length   Power	CCT	Control	Finish
<b>[BLANK]</b> No option <b>-LDE1<sup>4</sup></b> Fade-to-Black down to 1% <b>-EMBB<sup>5</sup></b> Emergency Battery Backup <b>-1DIM<sup>6</sup></b> 1% Dimming	<b>-PU</b>  <b>-PU18</b>  <b>-PH</b>  <b>-PH18</b>	<b>[BLANK]</b> No Canopy <b>-C</b>	<b>[BLANK]</b>  <b>-W18</b>	<b>[BLANK]</b> Standard polycarbonate <b>-P</b> Prime   Parabolic silver <b>-PS</b> Prime Shadow   Parabolic Black <b>-DL</b> 0.5" Drop <b>-WW</b> Wall Wash
Option	Power Cord	Canopy	Aircraft Cable	Diffuser

#### REFER BELOW FOR DETAILED DESCRIPTION OF SUSPENSION KITS

<b>-PU</b>	8ft power cord 120-277V   8ft aircraft cable <sup>7</sup>	<b>-PU18-W18</b>	18ft power cord 120-277V   18ft aircraft cable
<b>-PU-C</b>	8ft power cord 120-277V   8ft aircraft cable <sup>7</sup>   2x 5-inch canopies	<b>-PU18-C-W18</b>	18ft power cord 120-277V   18ft aircraft cable   2x 5-inch canopies
<b>-PH</b>	8ft power cord 120-347V   8ft aircraft cable <sup>7</sup>	<b>-PH18-W18</b>	18ft power cord 120-347V   18ft suspension wires
<b>-PH-C</b>	8ft power cord 120-347V   8ft aircraft cable <sup>7</sup>   2x 5-inch canopies	<b>-PH18-C-W18</b>	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.
- 1DIM available only in 120-277V, only for 4, 5, 6, 8ft.
- For T-grid Ceiling add TBS or TBC clips 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

<b>AE-SF-SPTCA</b>			<b>010</b>	
<b>AE-SF-SPTCA</b> ERALUX SPT Suspended Architectural Linear  120-277/347V Input Voltage	<b>2   30</b> 2ft   20/30W   Up to 3 929lm total <b>3   40</b> 3ft   30/40W   Up to 5 000lm total <b>4   50</b> 4ft   30/40/50W   Up to 6 257lm total <b>5   60</b> 5ft   50/60W   Up to 7500lm total <b>6   75</b> 6ft   50/60/75W   Up to 10 012lm total <b>8   100</b> 8ft   60/80/100W   Up to 12 515lm total  <b>C</b> Continuous length increment of 2ft (Select or type the length then click on 'C')	<b>30/35/40<sup>1</sup></b> 3000/3500/4000K selectable <b>30/40/50</b> 3000/4000/5000K selectable	<b>010</b> 0-10V Dimming	<b>WH-GB</b> White <b>BK-GB</b> Black <b>SV-GB<sup>2</sup></b> Silver <b>GN-GB<sup>2</sup></b> Gun powder

Fixture Family	Length   Power	CCT	Control	Finish	
<b>[BLANK]</b> 70% Direct, 30% Indirect <b>-100U<sup>3</sup></b> 100% Indirect	<b>[BLANK]</b> No Option <b>-LDE1<sup>4</sup></b> Fade-to-Black down to 1% <b>-EMBB<sup>5</sup></b> Emergency Battery Backup <b>-1DIM<sup>6</sup></b> 1% Dimming	<b>-PU</b> <b>-PU18</b> <b>-PH</b> <b>-PH18</b>	<b>[BLANK]</b> No Canopy <b>-C</b>	<b>[BLANK]</b> <b>-W18</b>	<b>[BLANK]</b> Standard Polycarbonate <b>-P</b> Prime   Parabolic Silver <b>-PS</b> Prime Shadow   Parabolic Black <b>-DL</b> 0.5" Drop <b>-WW</b> Wall Wash

Distribution	Option	Power Cord	Canopy	Aircraft Cable	Diffuser
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#### REFER BELOW FOR DETAILED DESCRIPTION OF SUSPENSION KITS

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

<b>-PU18-W18</b>	18ft power cord 120-277V   18ft aircraft cable
<b>-PU18-C-W18</b>	18ft power cord 120-277V   18ft aircraft cable   2x 5-inch canopies
<b>-PH18-W18</b>	18ft power cord 120-347V   18ft suspension wires
<b>-PH18-C-W18</b>	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.
- 1DIM available only in 120-277V, only for 4, 5, 6, 8 ft.
- For T-grid Ceiling add TBS or TBC clips 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		
<b>AE-SF-G5CA</b> ERALUX G5 Linear Architectural Fixture	<b>2   20</b> 2ft   20W   2,200lm	<b>30/35/40<sup>2</sup></b> 3000/3500/4000K selectable	<b>010</b> 0-10V	<b>WH-GB</b> White	<b>-R</b> Recessed mounting on T-grids	<b>-A</b> Stand-alone	<b>[BLANK]</b> No option
120-277/347V Input voltage	<b>4   40<sup>1</sup></b> 4ft   40W   4,200lm	<b>30/40/50</b> 3000/4000/5000K selectable		<b>BK-GB</b> Black		<b>-B</b> Starter/ender	<b>LDE1<sup>3</sup></b> Fade-to-Black down to 1%
	<b>5   40</b> 5ft   40W   4,200lm					<b>-C</b> Middle	<b>EMBB<sup>4</sup></b> Emergency battery backup
	<b>6   50</b> 6ft   50W   6,000lm						<b>1DIM<sup>5</sup></b> 1% Dimming
	<b>8   80</b> 8ft   80W   8,400lm						
	<b>C</b> Continuous length increment of 1ft (Select or type the length then click on 'C')						

Fixture Family

Length | Power

CCT

Control

Finish

Mounting

Type

Option



### ORDERING GUIDE – WALL MOUNT | DIRECT<sup>7</sup>

AE-SF-G5CA			010				
<b>AE-SF-G5CA</b> ERALUX G5 Wall Mounted Architectural Linear	<b>2   20</b> 2ft   20W   2100lm	<b>30/35/40<sup>2</sup></b> 3000/3500/4000K selectable	<b>010</b> 0-10V	<b>WH-GB</b> White	<b>[BLANK]</b> No Option	<b>[BLANK]</b> Standard	
120-277/347V Input Voltage	<b>3   30</b> 3ft   30W   3150lm			<b>BK-GB</b> Black	<b>LDE1<sup>3</sup></b> Fade-to- Black down to 1%	<b>-P</b> Prime Parabolic silver	
	<b>4   40</b> 4ft   40W   4200lm	<b>30/40/50</b> 3000/4000/5000K selectable		<b>SV-GB<sup>6</sup></b> Silver	<b>EMBB<sup>4</sup></b> Emergency Battery Backup	<b>-PS</b> Prime Shadow Parabolic Black	
	<b>5   50</b> 5ft   50W   4400lm			<b>GN-GB<sup>6</sup></b> Gun Powder	<b>1DIM<sup>5</sup></b> 1% Dimming	<b>-DL</b> 0.5" Drop	
	<b>6   60</b> 6ft   60W   6000lm					<b>-WW</b> Wall Wash	
	<b>8   80</b> 8ft   80W   8400lm						
	<b>C</b> Continuous length increment of 1ft (Select or type the length then click on 'C')						

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.
- 1DIM available only in 120-277V, only for 4, 5, 6, 8 ft.
- 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 ONLY<sup>9</sup>

<b>AE-SF-SPTCA</b>			<b>010</b>	
<b>AE-SF-SPTCA</b> ERALUX SPT Linear Architectural Fixture  120-277/347V Input Voltage	<b>4   50</b> 4ft   30/40/50W   Up to 5250 lm <b>8   100</b> 8ft   60/80/100W   Up to 10500 lm <b>C</b> Continuous length increment of 2ft <sup>1</sup> (Select or type the length then click on 'C')	<b>30/35/40<sup>2</sup></b> 3000/3500/4000K selectable <b>30/40/50</b> 3000/4000/5000K selectable	<b>010</b> 0-10V Dimming	<b>WH-GB</b> White <b>BK-GB</b> Black <b>SV-GB<sup>3</sup></b> Silver <b>GN-GB<sup>3</sup></b> Gun Powder
<b>Fixture Family</b>	<b>Length   Power</b>	<b>CCT</b>	<b>Control</b>	<b>Finish</b>

<b>[BLANK]</b> No Option <b>-LDE1<sup>4</sup></b> Fade-to-Black Down to 1% <b>-EMBB<sup>5</sup></b> Emergency Battery Backup <b>-1DIM<sup>6</sup></b> 1% Dimming	<b>[BLANK]</b> Standard Polycarbonate <b>-P</b> Prime   Parabolic silver <b>-PS</b> Prime Shadow   Parabolic Black <b>-DL</b> 0.5" Drop <b>-WW</b> Wall Wash	<b>[BLANK]</b> 70% Direct, 30% Indirect <b>-100U<sup>7</sup></b> 100% Indirect

<b>Option</b>	<b>Diffuser</b>	<b>Distribution</b>
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### ORDERING GUIDE – WALL MOUNT BRACKET | DIRECT/INDIRECT, INDIRECT ONLY

<b>AE-SF-WMB</b>	
<b>AE-SF-WMB</b>	<b>-WH</b> <b>-BK</b>
<b>Fixture Family</b>	<b>Finish</b>

#### 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 for 120-277V only.
- 1DIM option available for 120-277V only.
- 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.

## LINEAR LED LIGHT

Architectural Linear | 2.5" Aperture



### ORDERING GUIDE – CUSTOM DESIGN

					<b>010</b>	
<b>AE-SF-G5-</b> ERALUX G5 Suspended Architectural Linear	<b>-</b> Specify dimension of S1 (Select or type the length)	<b>-</b> Specify dimension of S2 (Select or type the length)	<b>-R</b> Rectangular Shape <b>-L</b> L-shape <b>-T</b> T-shape <b>-X</b> X-shape <b>-HEX</b> Hexagonal Shape	<b>30/35/40<sup>1</sup></b> 3000/3500/4000K selectable <b>30/40/50</b> 3000/4000/5000K selectable	<b>010</b> 0-10V Dimming	<b>WH-GB</b> White <b>BK-GB</b> Black

Fixture Family	Side 1	Side 2	Design	CCT	Controls	Finish
<b>Rectangle</b>			<b>X - Shape</b>	<b>L - Shape</b>	<b>T - Shape</b>	<b>Hexagon</b>
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

<b>AE-SF-G5CA</b>			<b>-TRI</b>	
<b>AE-SF-G5CA</b> ERALUX G5 Linear	<b>2   15</b> 2ft   15W   1575lm	<b>30</b> 3000K	<b>-TRI</b> TRIAC Dimming	<b>-WH-GB</b> White
<b>AE-SF-SPTCA</b> ERALUX SPT Linear	<b>4   40</b> 4ft   40W   4250lm	<b>35</b> 3500K		<b>-BK-GB</b> Black
	<b>8   80</b> 8ft   80W   9600lm	<b>40</b> 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.

## LINEAR LED LIGHT

Architectural Linear | 2.5" Aperture

### 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		

## LINEAR LED LIGHT

Architectural Linear | 2.5" Aperture

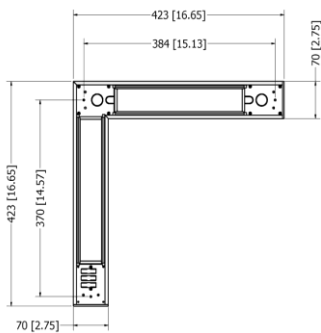
### DIMENSIONS – FIXTURE

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

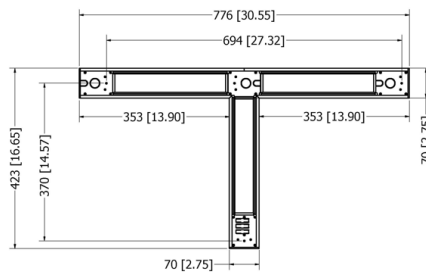
### DIMENSIONS – CUSTOM SHAPES

#### SHAPES

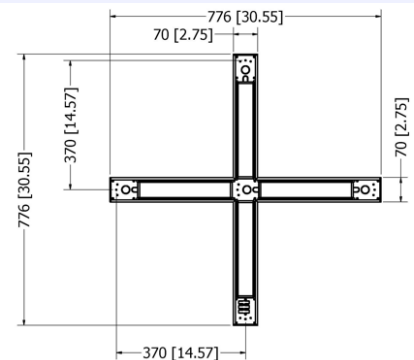
**L-SHAPE**  
AE-SF-G5-1-1-L



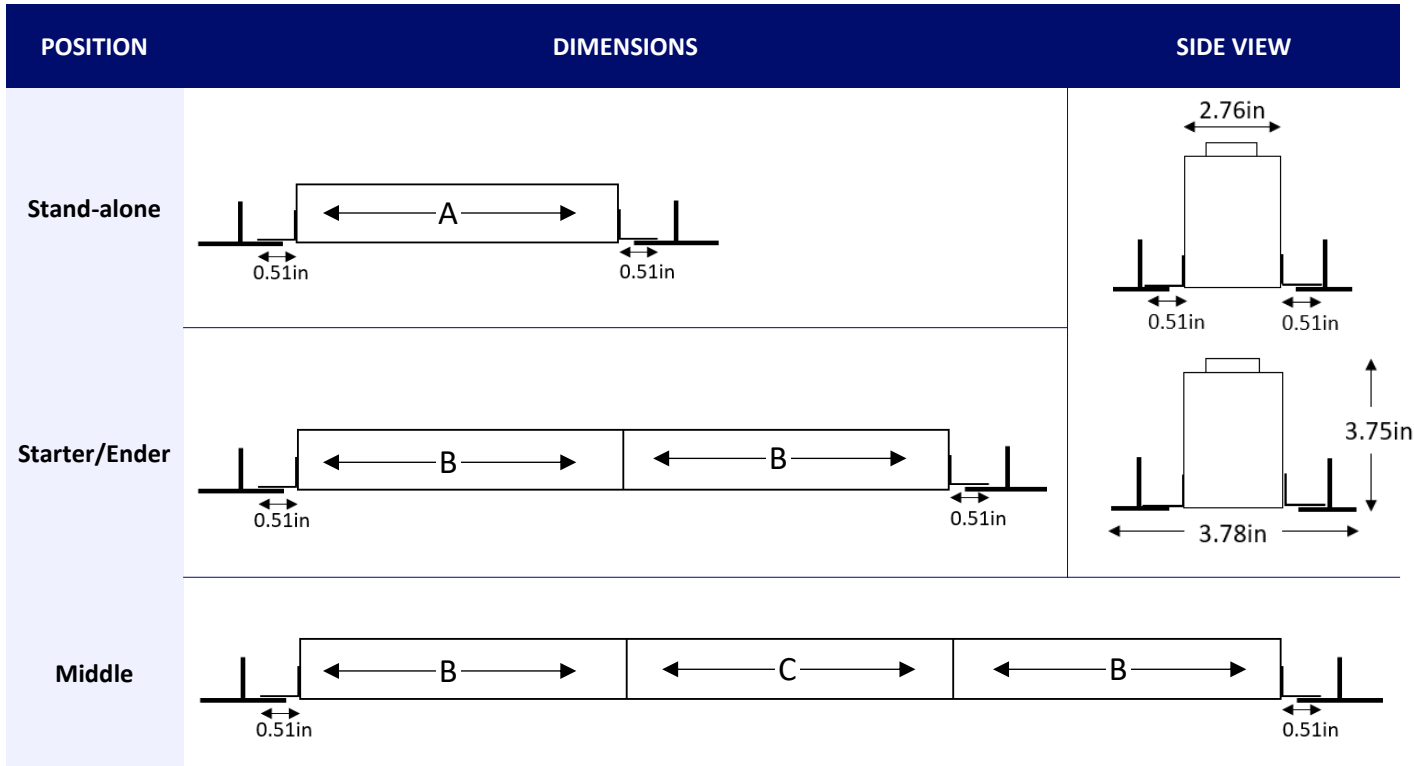
**T-SHAPE**  
AE-SF-G5-1-1-T



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



#### DIMENSIONS – RECESSED T-GRID

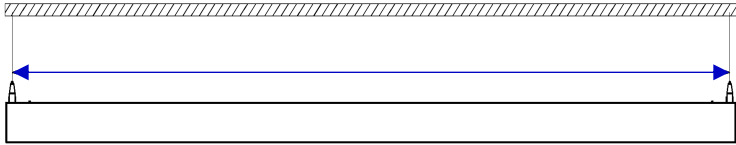


LENGTH	A	B	C
2ft	22.75 in	23.38 in	23.82 in
4ft	46.73 in	47.36 in	47.80 in
5ft	58.74 in	59.37 in	59.77 in
6ft	70.67 in	71.30 in	71.69 in
8ft	94.72 in	95.31 in	95.79 in

## LINEAR LED LIGHT

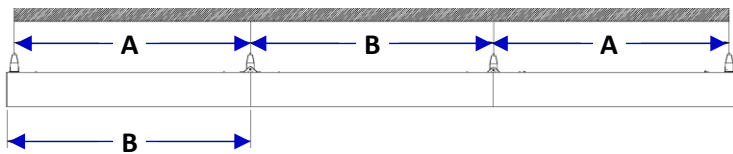
Architectural Linear | 2.5" Aperture

### 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

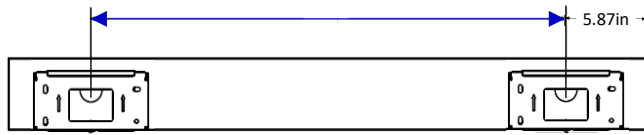


SIZE	CONTINUOUS RUN INSTALLATION	
	A	B
2FT	22.90 ± .10	23.62 ± .10
3FT	34.64 ± .10	35.36 ± .10
4FT	46.45 ± .10	47.17 ± .10
5FT	58.26 ± .10	58.98 ± .10
6FT	70.15 ± .10	70.87 ± .10
8FT	93.77 ± .10	94.49 ± .10

## LINEAR LED LIGHT

Wall Mount Linear | 2.5" Aperture | Direct

### DRILLING PATTERN – WALL MOUNT

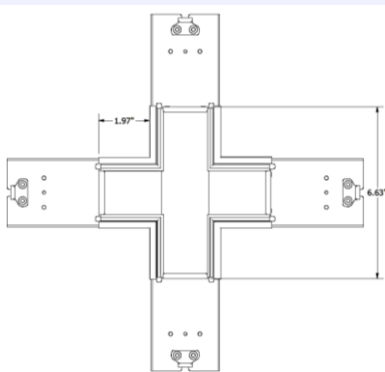


SIZE	STAND ALONE INSTALLATION
2FT	12 in
3FT	23.9 in
4FT	35.5 in
5FT	47.6 in
6FT	59 in
8FT	82.6 in

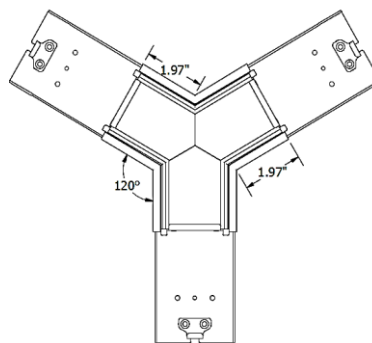
### ACCESSORIES

#### LIT JOINERS Available for Suspended

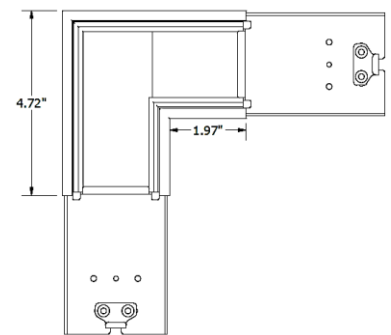
##### X-JOINER



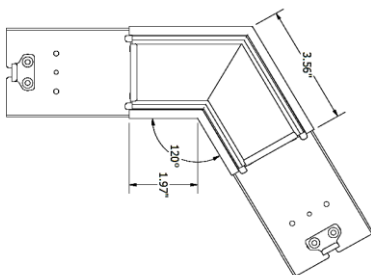
##### Y-JOINER



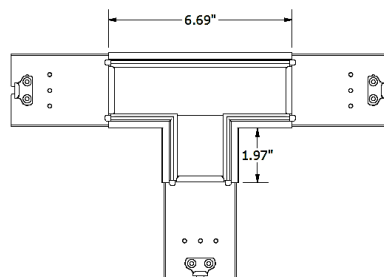
##### L-JOINER



##### V-JOINER



##### T-JOINER



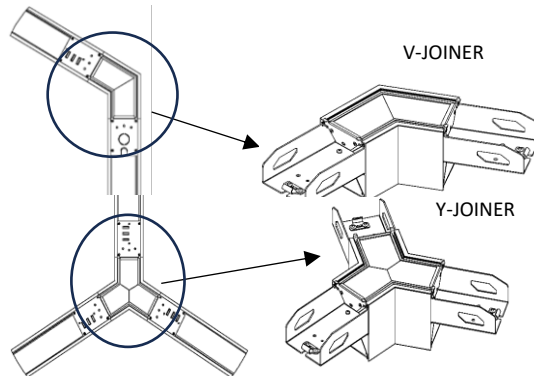
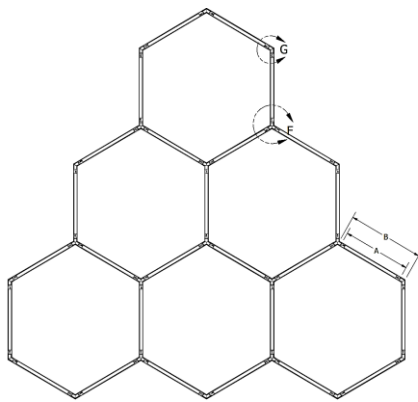
## LINEAR LED LIGHT

Architectural Linear | 2.5" Aperture

### ACCESSORIES

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

## LINEAR LED LIGHT

Architectural Linear | 2.5" Aperture

### ACCESSORIES – SUSPENSION

Ordered separately if needed

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

## LINEAR LED LIGHT

Architectural Linear | 2.5" Aperture

### 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

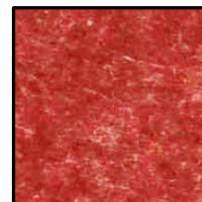


#### ORDERING CODE

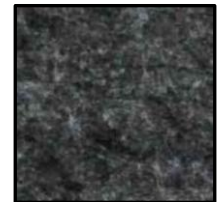
Family	Shape	CCT	Finish
AE-SIL	-2FT	-TIL	
	-4FT		
	-5FT	-BBQ	-G5CASE
	-6FT		
	-8FT	-SOY	



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

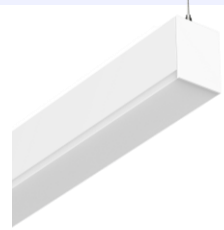
##### PICTURE

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

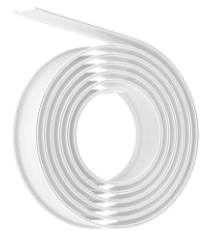
##### DESCRIPTION

##### 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

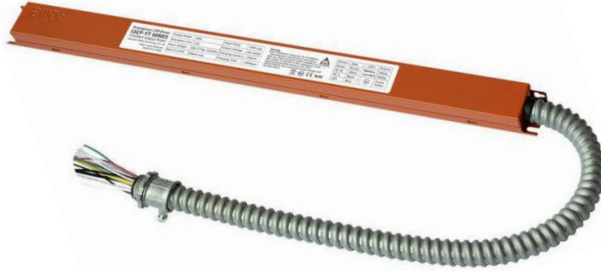
Architectural Linear | 2.5" Aperture

### CONTROLS

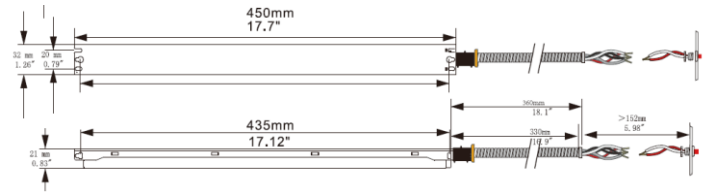
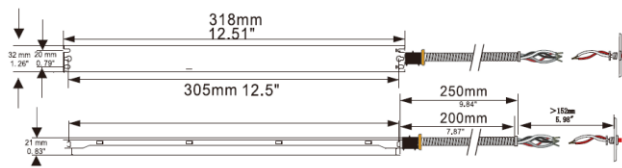
#### EMERGENCY LED DRIVER

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.



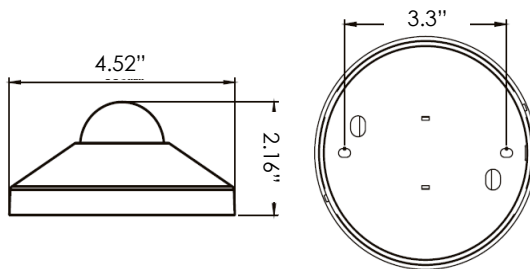
### SPECIFICATIONS

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

<b>Input Voltage</b>	120-277 Vac
<b>Power Frequency</b>	50/60HZ
<b>Rated Load</b>	At 120 Vac 800W
	At 277 Vac 1200W
<b>Detection Range</b>	3-10 m
	9.8- 32.8 ft
<b>Standby Power</b>	~0.9W
<b>Time Setting</b>	10 sec to 30 min
<b>Light Control</b>	10 – 2000lux
<b>Installation</b>	Ceiling Mounted

## 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		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°			
AE-SF-G5CA440		Zone	Lumens	% Fixture		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°			
AE-SF-G5CA660		Zone	Lumens	% Fixture		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°			
AE-SF-G5CA880		Zone	Lumens	% Fixture		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	
						<span style="color: blue;">■</span> Vert. Spread: 108.6° <span style="color: red;">■</span> 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	
						<span style="color: blue;">■</span> Vert. Spread: 109.5° <span style="color: red;">■</span> 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	
						<span style="color: blue;">■</span> Vert. Spread: 109.5° <span style="color: red;">■</span> 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	
						<span style="color: blue;">■</span> Vert. Spread: 109.5° <span style="color: red;">■</span> Horiz. Spread: 106.7°			

## LINEAR LED LIGHT

Architectural Linear | 2.5" Aperture

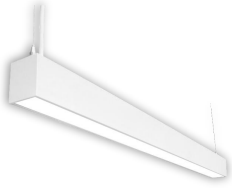
### PHOTOMETRIC DATA – LENS OPTIONS | DIRECT, INDIRECT

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
DROP LENS		0-80°	3150.06	89		12.5ft	7.45 fc	32.3 ft	36.2 ft
		0-90°	3267.17	92.3		15.0ft	5.17 fc	38.7 ft	43.4 ft
						■ 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
WALL WASH LENS		0-80°	4827.69	69.5		12.5ft	13.9 fc	17.3 ft	6.9 ft
		0-90°	4850.9	69.8		15.0ft	9.65 fc	20.8 ft	8.3 ft
						■ 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
PRIME		0-80°	3483.38	99.5		12.5ft	7.11 fc	36.1 ft	34.5 ft
		0-90°	3485.56	99.6		15.0ft	4.94 fc	43.3 ft	41.5 ft
						■ 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
PRIME SHADOW		0-80	2230.17	99.7		12.5ft	9.34 fc	15.6 ft	25.6 ft
		0-90	2231.01	99.8		15.0ft	6.49 fc	18.8 ft	30.8 ft
						■ 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.



### Features

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



Emergency Backup Battery



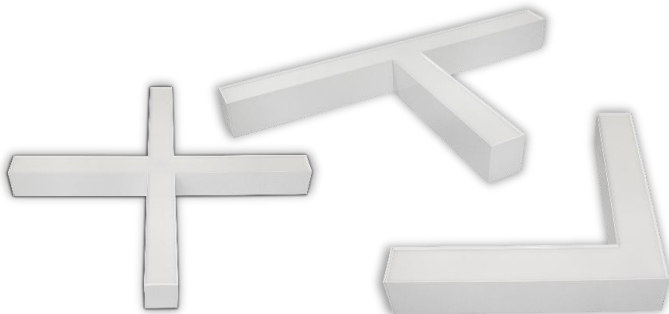
### Mountings Available

- Suspended
- Wall mount
- Recessed T-grid



### Custom Design

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



### Tests And Certifications

