

# G5

## LINEAR FIXTURES

Linear Architectural Lighting

What we have done with the 2<sup>nd</sup> generation of our most popular fixture is take customers' feedback into consideration. Now with a remolded housing that meets the modern project space, the G5's housing can be connected seamlessly in both light and fixture appearance. Available for suspended mounting, surface mounting, and wall mounting in various run lengths.

eralux®



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ORDERING CODE	AE-SF-G5CA 010 - -

### OPERATING & ELECTRICAL

INPUT VOLTAGE 120-347V

POWER FACTOR 0.9

DIMMING 0-10V dimming with dim-to-off

TOTAL HARMONIC DISTORTION (THD) <20%

### PERFORMANCE

LUMENS PER WATT 120 LPW at 80CRI for 6 FT and 8FT  
105 LPW at 80CRI for 4 FT

POWER 20W  
40W  
50W  
70W

DISTRIBUTION Lambertian

### MECHANICAL & HOUSING

HOUSING Extruded aluminum

LENS Highly durable frosted polycarbonate lens  
Drop lens option

FINISH Nebula White, Atomic Black, Silver, Gun powder

POWER SUPPLY Factory wired electronic LED driver

LED BOARD Discrete LED

### APPLICATION CONDITION

AMBIENT TEMPERATURE RANGE -10°C to 40°C

### COMPATIBLE MOUNTING

MOUNTING Surface  
Suspended  
Wall

### WARRANTY

#### 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).



"Not all product variations listed on this page are DLC qualified with the LUNA designation. Visit <https://qpl.designlights.org/> to confirm qualification."

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## ORDERING GUIDE

EXAMPLE: AE-SF-G5CA44030/35/40010WH-GB

FIXTURE FAMILY	LENGTH	POWER	CCT
<b>AE-SF-G5CA</b>			
<b>AE-SF-G5</b>  ERALUX G5 linear architectural fixture  120-347Vac input voltage	<b>2</b> 2 feet length	<b>20</b> 20 watts: 2,100 lumens	<b>30/35/40*</b> 3000/3500/4000K selectable CCT
	<b>4</b> 4 feet length	<b>40</b> 40 watts: 4,200 lumens	
	<b>5</b> 5 feet length	<b>40</b> 40 watts: 4,200 lumens	<b>30/40/50</b> 3000/4000/5000K selectable CCT
	<b>6</b> 6 feet length	<b>50</b> 50 watts: 6,000 lumens	
	<b>8</b> 8 feet length	<b>70</b> 70 watts: 8,400 lumens	

Continued

CONTROLS	FINISH	DIMMING	ACCESSORIES
<b>010</b>		-	-
<b>010</b> 0-10V dimming with dim-to-off	<b>WH-GB</b> ERALUX Nebula White	<b>[LEAVE BLANK]</b> 0-10V Standard	<b>-PU</b> Power cord – 120-277V
	<b>BK-GB</b> ERALUX Atomic Black	<b>-LDE1**</b> Lutron Hi-Lume 1% EcoSystem driver with Soft-on, Fade-to-Black dimming technology down to 1%	<b>-PU-C</b> Power cord – 120-277V with 5-inch Canopy
	<b>SV-GB</b> Silver	<b>-EMBB***</b> Emergency battery backup	<b>-PH</b> Power cord – 120-347V
	<b>GN-GB</b> Gun powder finish RAL 7011	<b>-1DIM ****</b>	<b>-PH-C</b> Power cord – 120-347V with 5-inch Canopy

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.

Each fixture comes standard with 2x 6FT suspension cables

\* Default CCT setting is 3500K but can be changed upon request before shipping.

\*\* LDE1 option requires color selection if not the default CCT, 3500K.

\*\*\* EMBB option available in 120-277V only.




\*\*\*\* 1DIM available only in 120-277V, it works for 4,5,6,8 FT

**\*Maximum of 300 Wattages powered by 1 electrical drop\***

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## ORDERING GUIDE...Continued

EXAMPLE: AE-SF-G5CA-L-20-30-35-40-XX-GB

SHAPES		
L SHAPE		AE-SF-G5CA-L-20-30-35-40-WH-GB AE-SF-G5CA-L-20-30-35-40-BK-GB
T SHAPE		AE-SF-G5CA-T-30-30-35-40-WH-GB AE-SF-G5CA-T-30-30-35-40-BK-GB
X SHAPE		AE-SF-G5CA-X-40-30-35-40-WH-GB AE-SF-G5CA-X-40-30-35-40-BK-GB

\*Surface mount bracket not available for L, T, X shapes

EXAMPLE: AE-SF-G5CA440N30/40/50010WH-GB-PU-C

PART NUMBER SUFFIX	ACCESSORIES
BLANK	
-PU	- Power cord – 120-277V
-PU-C	- Power cord – 120-277V with 5-inch Canopy
-PH	- Power cord – 120-347V
-PH-C	- Power cord – 120-347V with 5-inch Canopy

## POWER SWITCHABLE OPTIONS

2FT	Avg 105-120 LPW	20 watts	20W– 2100 lms
		20/30/40 watts switchable	20W – 2100 lms
30W - 3150 lms			
40W - 4200 lms			
4FT		30/40/50 watts switchable	30W - 3600 lms
			40W - 4800 lms
			50W - 6000 lms
6FT		40/70 watts switchable	40W - 4800 lms
	70W - 8400 lms		
	8FT		

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## Drop lens

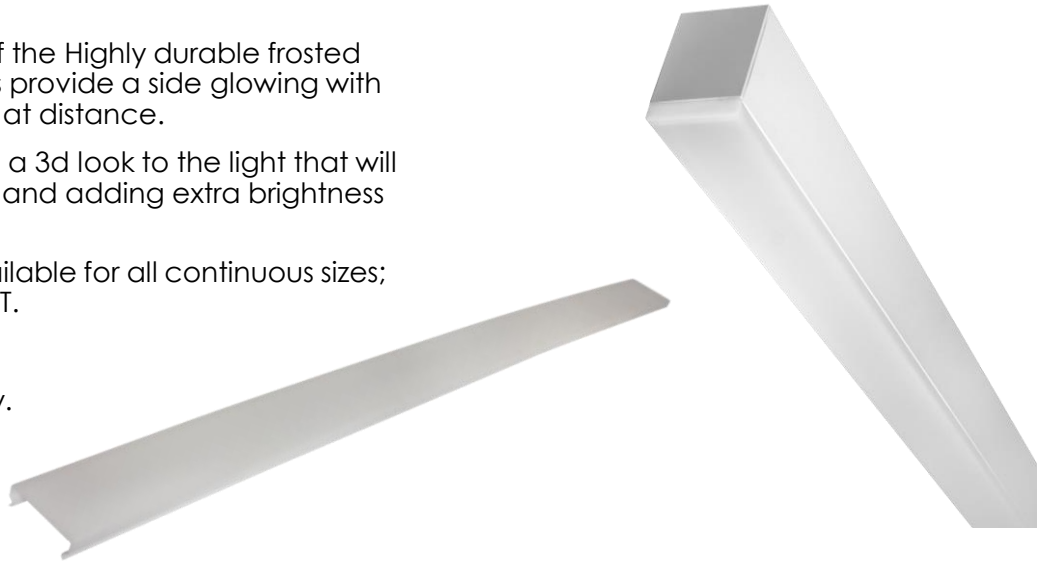
0.5-inch extrusion of the Highly durable frosted polycarbonate lens provide a side glowing with crisp corners visible at distance.

This drop lens gives a 3d look to the light that will enliven your space and adding extra brightness to the surrounding.

The drop lens is available for all continuous sizes; 2FT, 4FT, 6FT, and 8FT.

23% lumens less.

Ordered separately.



## Ordering Table

ACCESSORY FAMILY	THICKNESS	LENGTH
<b>AE-SF-G5/SPT-Drop Lens</b>	<b>-0.5 inch</b>	<b>-</b>
<b>AE-SF-G5/SPT-Drop Lens</b> Drop lens for SPT and G5	-0.5 inch the drop lens come with a thickness of 0.5 inch	-2ft
		-4ft
		-6ft
		-8ft

## PHOTOMETRIC DATA WITH THE DROP LENS

AE-SF-G5CA440303540010WH-GB

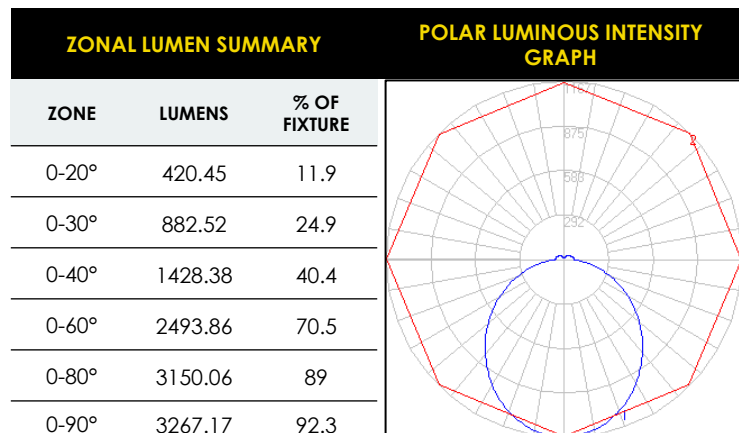
AE-SF-G5/SPT-Drop Lens-0.5 inch-4FT

4 FEET

40 WATTS

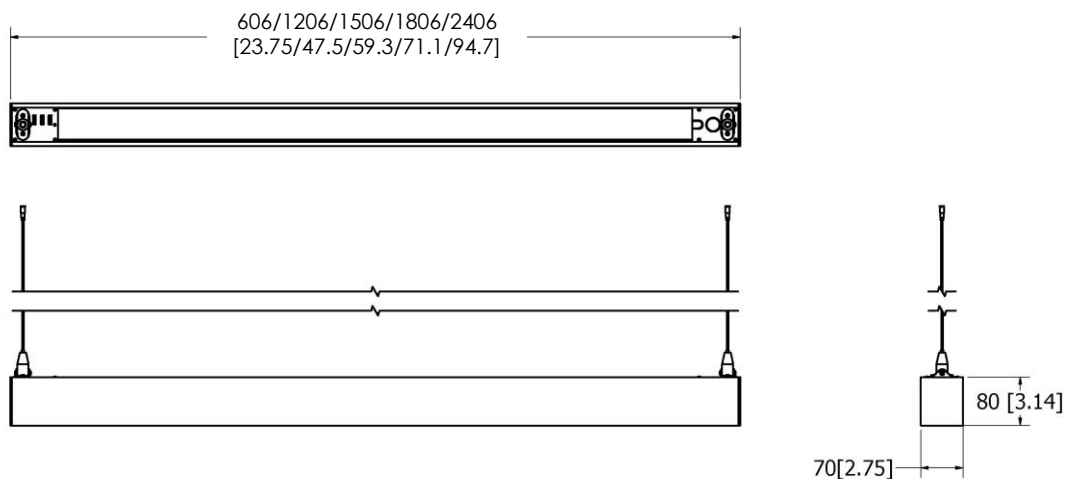
4000K

Drop lens



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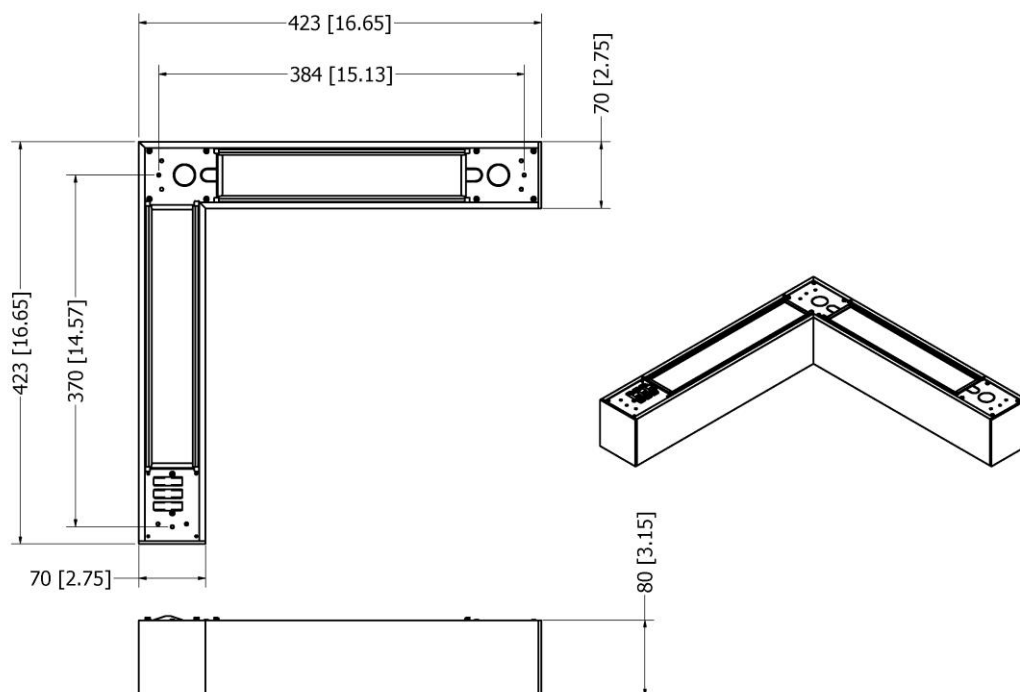
## PRODUCT DIMENSION - SUSPENDED



## PRODUCT DIMENSIONS – L SHAPE

AE-SF-G5CA-L-20-30-35-40-XX-GB

\*Surface mount bracket not available for L, T, X shapes

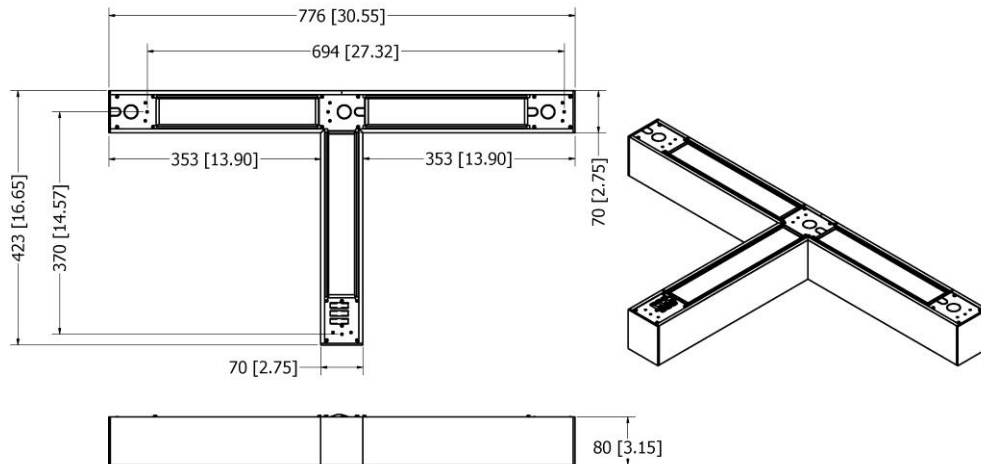


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## PRODUCT DIMENSIONS – T SHAPE

AE-SF-G5CA-T-30-30-35-40-XX-GB

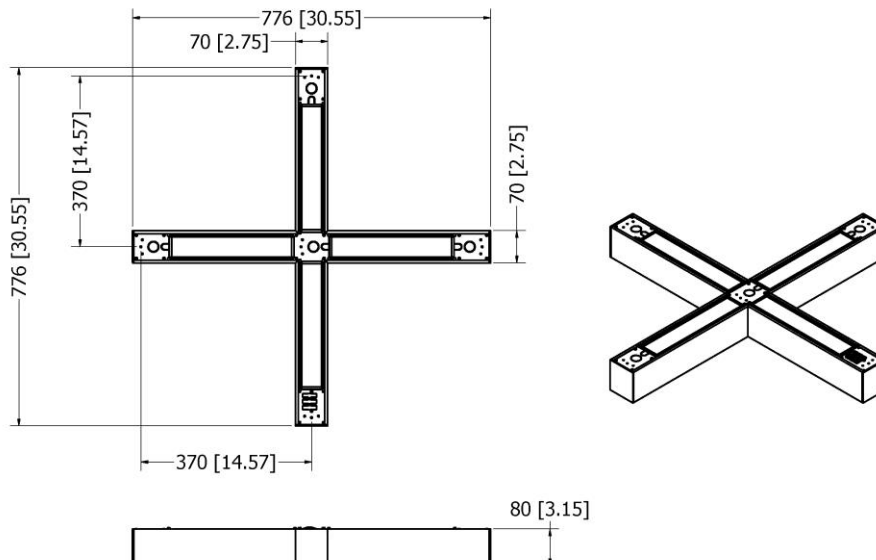
\*Surface mount bracket not available for L, T, X shapes



## PRODUCT DIMENSIONS – X SHAPE

AE-SF-G5CA-X-40-30-35-40-XX-GB

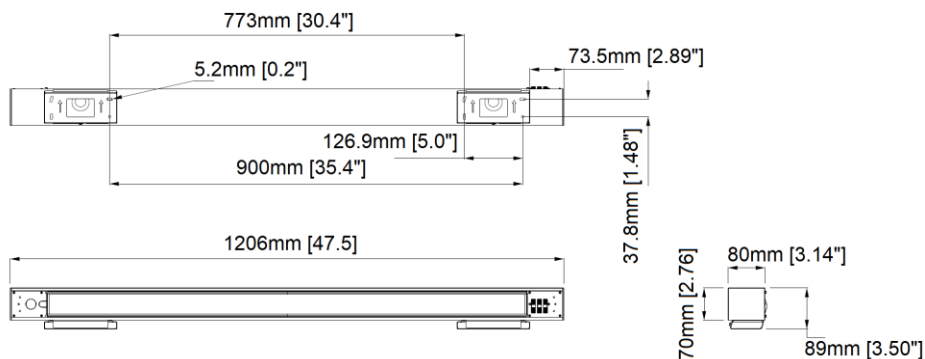
\*Surface mount bracket not available for L, T, X shapes



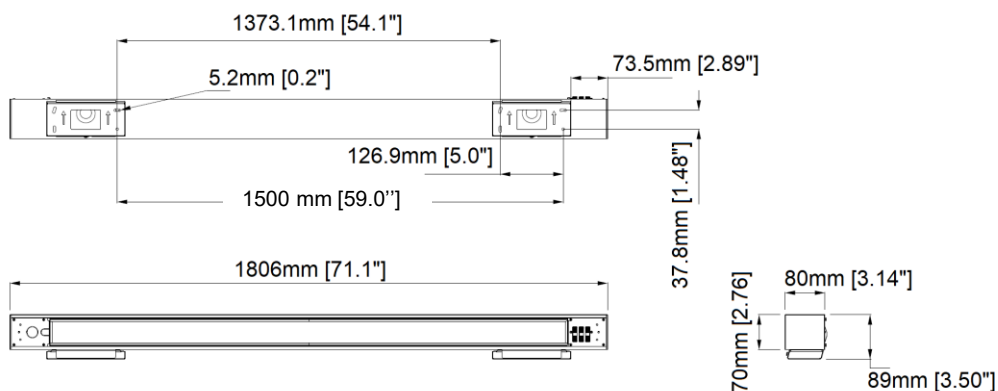
DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-SF-G5CA 010 - -

## PRODUCT DIMENSIONS – WALL MOUNT

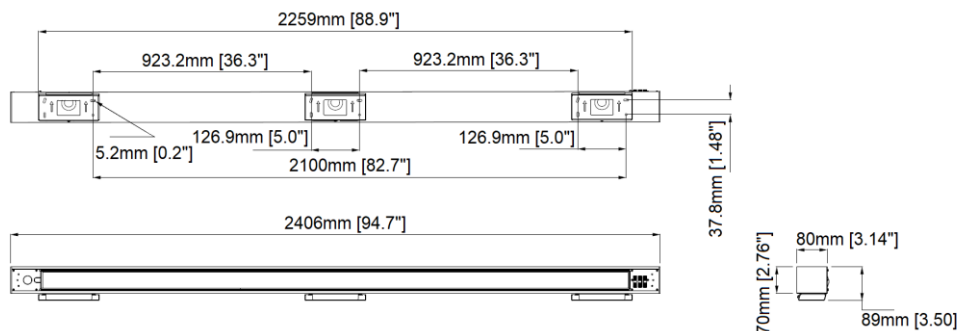
### AE-SF-G5CA4



### AE-SF-G5CA6



### AE-SF-G5CA8



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ORDERING CODE	AE-SF-G5CA					010		-		-

## ACCESSORIES

Ordered separately, field installed






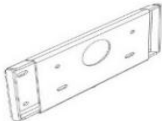
PART NUMBER	DESCRIPTION	PICTURE
AE-SF-CANOPY-WH-5IN AE-SF-CANOPY-BK-5IN	Canopy Cover kit: 5" diameter – 0.8" thickness - 2 pieces White or Black	
AE-SF-CANOPY-WH-5IN-SUSP AE-SF-CANOPY-BK-5IN-SUSP	Canopy Cover kit: 5" diameter - 1 piece White or Black – Non-power feed	
AE-SF-CANOPY-WH-ELITE AE-SF-CANOPY-BK-ELITE	Canopy Cover kit: 5" diameter – 0.3" thickness- 2 pieces White or Black	
AE-SF-LINK-G2	Linkable Metal Accessory – 1 piece Fixture wired for continuous mounting	
AE-SF-G5-SMT-WH-2ft AE-SF-G5-SMT-BK-2ft	Surface mount kit for 2 feet – 1 piece – White Surface mount kit for 2 feet – 1 piece – Black	
AE-SF-G5-SMT-WH-4ft AE-SF-G5-SMT-BK-4ft	Surface mount kit for 4 feet – 1 piece – White Surface mount kit for 4 feet – 1 piece – Black	
AE-SF-G5-SMT-WH-8ft AE-SF-G5-SMT-BK-8ft	Surface mount kit for 8 feet – 1 piece – White Surface mount kit for 8 feet – 1 piece – Black	
AE-SF-PWRCORD-WH AE-SF-PWRCORD-BK	8FT power cord – 120-277V - White 8FT power cord – 120-277V - Black	
AE-SF-PWRCORD-HV-WH AE-SF-PWRCORD-HV-BK	8FT power cord – 120-347V - White 8FT power cord – 120-347V - Black	



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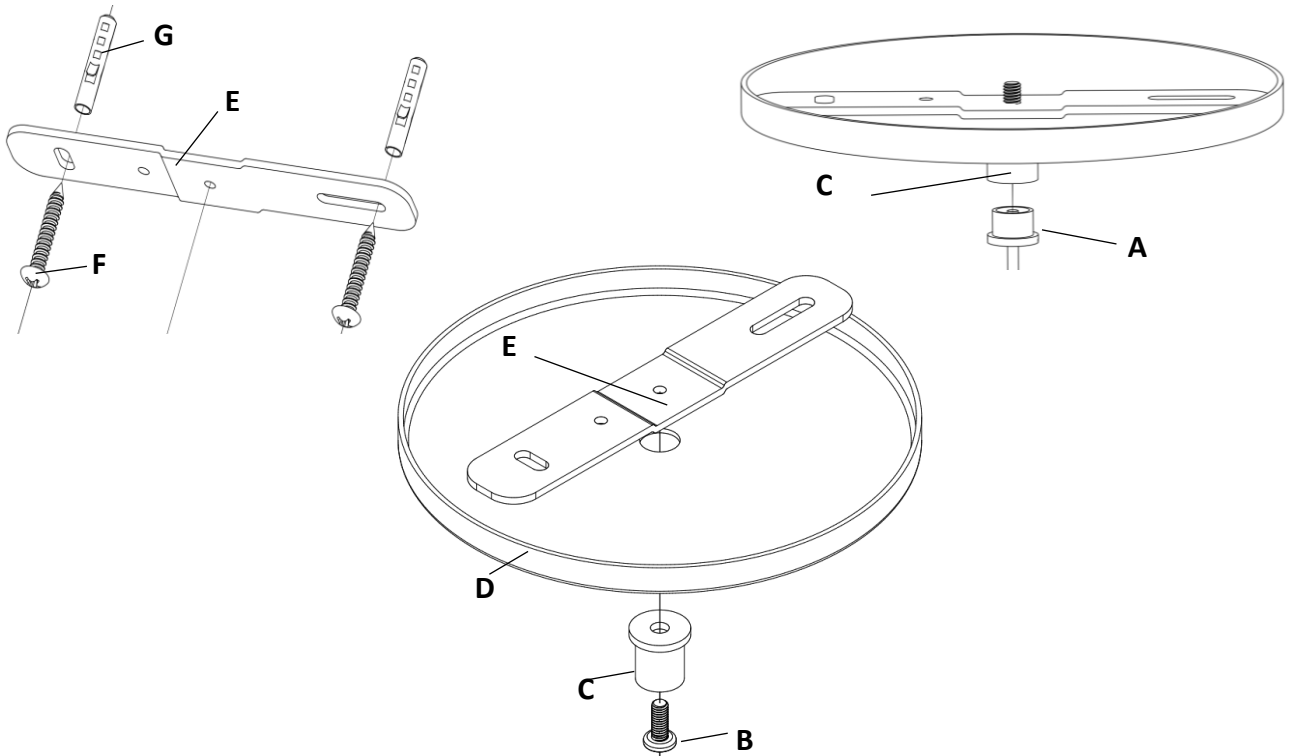
## ACCESSORIES

Ordered separately, field installed

PART NUMBER	DESCRIPTION	PICTURE
AE-SF-PWRCORD-WH-18FT AE-SF-PWRCORD-BK-18FT	18FT power cord – 120-277V - White 18FT power cord – 120-277V – Black	
AE-SF-PWRCORD-HV-WH-18FT-B AE-SF-PWRCORD-HV-BK-18FT-B	18FT power cord – 120-347V - White 18FT power cord – 120-347V – Black	
AE-SF-WIRE-8FT	2 x 8FT suspension cables	
AE-SF-WIRE-12FT	2 x 12FT suspension cables	
AE-SF-WIRE-18FT	2 x 18FT suspension cables	
AE-SF-WMB-WH AE-SF-WMB-BK	Wall mount kit – 2 pieces – White Wall mount kit – 2 pieces – Black	

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## CANOPY ELITE MOUNTING STEPS



1. Screw the bracket (E) to the junction box using (F) & (G)
2. Connect the canopy to the bracket by screwing (C) & (D) to (E) using (B)
3. Connect the suspension cable to the canopy via screwing (A) to (C).

## DLC MODELS

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

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## LUMEN ESTIMATE

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

### LUMEN ESTIMATE ADJUSTMENT FACTORS

CCT	3000K	3500K	4000K	5000K
NORMAL (80CRI)	0.94	0.97	1	1.03

## PHOTOMETRIC DATA

AE-SF-G5CA22030/35/40010WH-GB-4000K

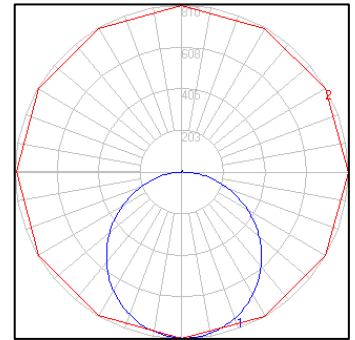
2 FEET

20 WATTS

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% OF FIXTURE
0-20°	294.61	12.90
0-30°	623.47	27.20
0-40°	1017.77	44.40
0-60°	1789.99	78.10
0-80°	2225.05	97.10
0-90°	2265.42	98.90

### POLAR LUMINOUS INTENSITY GRAPH



AE-SF-G5CA87030/35/40010WH-GB-4000K

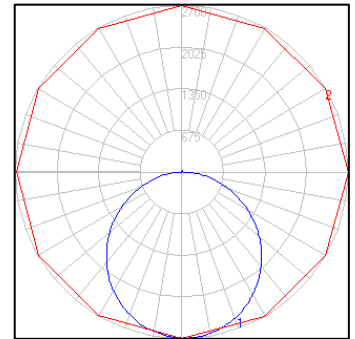
8 FEET

70 WATTS

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% OF FIXTURE
0-20°	981.56	12.90
0-30°	2077.26	27.20
0-40°	3390.97	44.40
0-60°	5963.5	78.10
0-80°	7413.33	97.10
0-90°	7547.83	98.90

### POLAR LUMINOUS INTENSITY GRAPH



## DIMMER COMPATIBILITY LIST

### 0-10V Dimmer

LEGRAND RH4FBL3PTC

LUTRON DVS7V-WH

LEVITON IP710-LFZ

### 0-10V Dimmer

EATON WBSD-010SLD

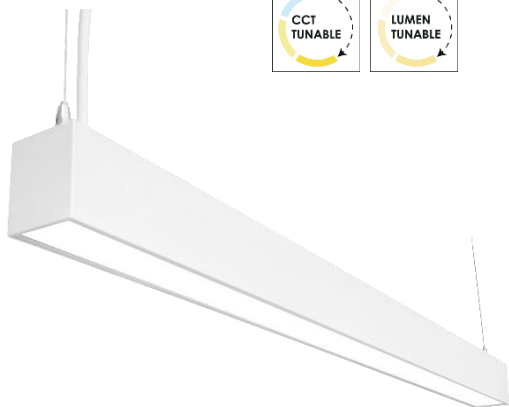
LEVITON DS710

LUTRON MS-Z101

HUBBEL LHDIRS3N

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## OVERVIEW



2/4/5/6/8 ft

Single Fixture

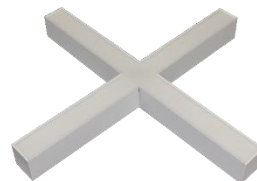


Seamless joints



Three special shape options:

L Shape  
T Shape  
X Shape



## COLOR SELECTABLE

CCT switch to change between 3 CCT variations from warm to cool light.

## ACCESSORIES

Multiple accessories to select such as canopy cover kits, and mounting brackets.

## STANDARD FEATURES

6FT suspension cables standard with fixture providing simple purchase and cost-savings.

## CONTINUOUS RUNS

Easily connect multiple fixtures together for continuous mounting configuration.

## FINISHES

Standard ERALUX finish provides an elegant look to the fixture's housing.



Canopy: 2/kit

\*Surface mount bracket not available for L, T, X shapes