G6

LINEAR FIXTURES

Linear Architectural Lighting

The G6 is the next evolution of linear architectural lighting. The G6 series offers a simple installation that also allows the option of continuous rows with a seamless transition from fixture to fixture. It has a sleek modern look and comes in three unique finishes Nebula White, Atomic Black and Silver. The G6 provides the elegance that will enhance the lighting environment and impose a distinguished design for the entire space.

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DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-SF-G6-A-CA -B-P -010-PL -

OPERATING & ELECTRICAL

INPUT VOLTAGE	120-347V
POWER FACTOR	0.9
DIMMING	0-10V
TOTAL HARMONIC DISTORTION (THD)	<20%

PERFORMANCE

LUMENS PER WATT	91 LPW at 90 CRI White 87 LPW at 90 CRI Black
POWER	20 to 70W
DISTRIBUTION	Lambertian

MECHANICAL & HOUSING

HOUSING	Extruded aluminum
LENS	Highly durable frosted polycarbonate and high transmittance lens
FINISH	Nebula white Atomic black Silver RAL9006 Gun Powder RAL7011
POWER SUPPLY	Factory wired electronic LED driver
LED BOARD	Discrete LED

APPLICATION CONDITION

AMBIENT TEMPERATURE RANGE	-10˚C to 40˚C

COMPATIBLE MOUNTING

MOUNTING	Suspended (2x 6FT suspension cables standard with fixture purchase)

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).

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ORDERING GUIDE

FIXTURE FAMILY	GEN	VOLTAGE	SIZE	POWER	ACCENT	CRI	CCT	DIMMING	LENS	FINISH	OPTION
AE-SF-G6	-A	-CA			-B	-P		-010	-PL	-	
AE-SF-G6 ERALUX G6 linear architectural fixture	-A First GEN	-CA 120-347Vac input voltage range	-2 2 feet length	20 20*	-B No Accent	-P 90 CRI	30 3000K CCT	-010 0-10V external dimming down to 10%	-PL Full length polycarbonate lens	-WH ERALUX Nebula White finish to reduce glare off the housing	[LEAVE BLANK] None
			-4 4 feet length	40 20/30/40**			35 3500K CCT			-BK ERALUX Atomic Black finish to reduce glare off the housing	-1DIM Dim down to 1%
			-6 6 feet length	50 30/40/50***			40 4000K CCT				
			-8 8 feet length	70 40/70****			50 5000K CCT			-SV Silver – RAL9006	-PU-C Power Cord and 5" Canopy
										-GN GUN POWDER – RAL 7011	

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.

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

Maximum of 300 Wattages powered by 1 electrical drop

2FT	20W*	20 watts – 1,780 lms
4FT	20/30/40W**	20/30/40 watts-1,780/2,670/3,560 lms
6FT	30/40/50W***	30/40/50 watts – 2,670/3,560/4,450 lms
8FT	40/70W****	40/70 watts – 3,560/6,230 lms

Each fixture comes standard with 2x 6FT suspension cables

Default CCT setting is 3500K , but can be changed upon request before shipping

ORDERING GUIDE – See next page for additional shapes and accessories

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ORDERING GUIDE…Continued

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

SHAPES	
L SHAPE*	AE-SF-A-G6-A-CA-L-20-P30-35-40-PL-XX
T SHAPE*	AE-SF-A-G6-A-CA-T-30-P30-35-40-PL-XX
X SHAPE*	AE-SF-A-G6-A-CA-X-40-P30-35-40-PL-XX

*NOT CURRENTLY AVAILABLE FOR RECESSED

PRODUCT DIMENSIONS

AE-SF-G6

606 [23.85]
1206 [47.5]
1806 [71.10]
2406 [94.7]

80 [3.15]

45 [1.77]
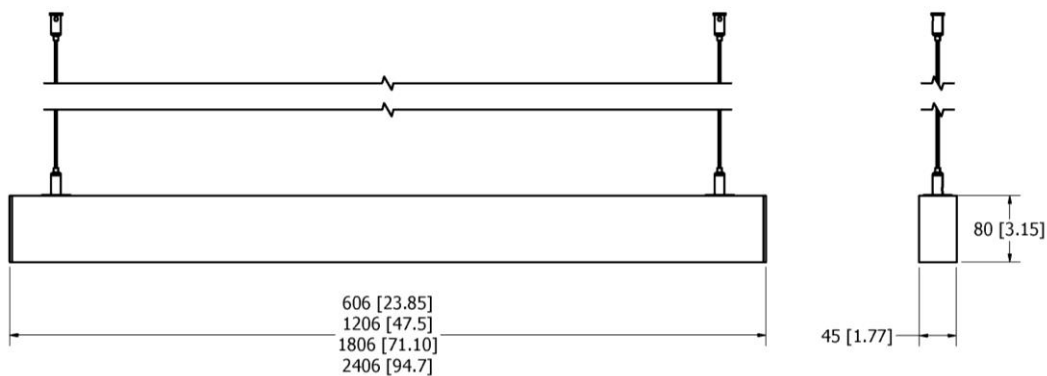
Connection accessories ordered separately

AE-SF-A-G6-A-CA-L-20-P30-35-40-PL-XX

378 [14.88]
423 [16.65]
45 [1.77]

378 [14.88]
423 [16.65]
45 [1.77]

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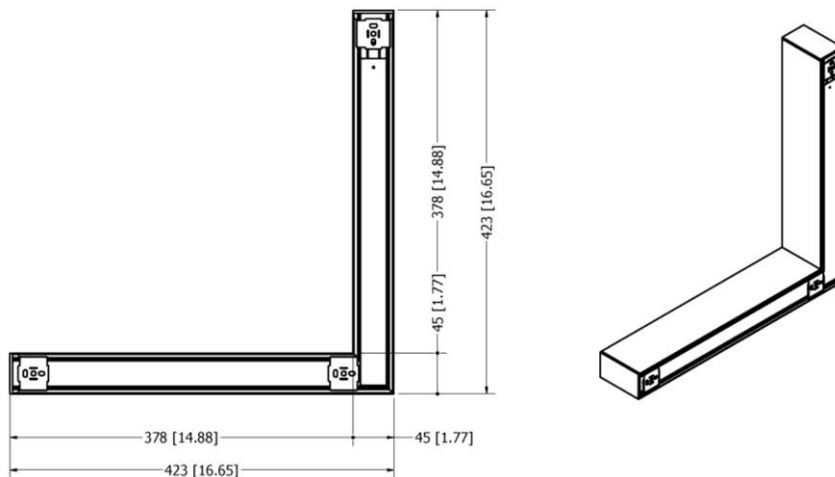
PRODUCT DIMENSIONS

AE-SF-A-G6-A-CA-T-30-P30-35-40-PL-XX
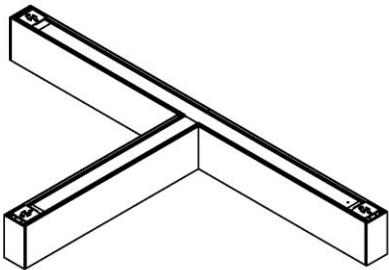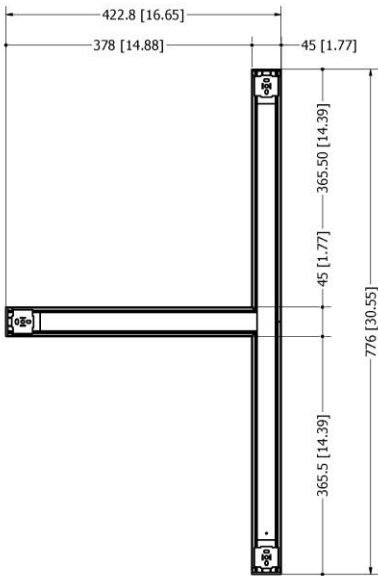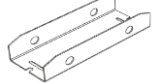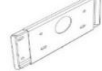
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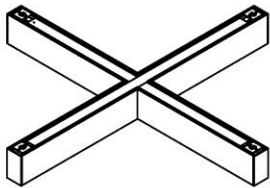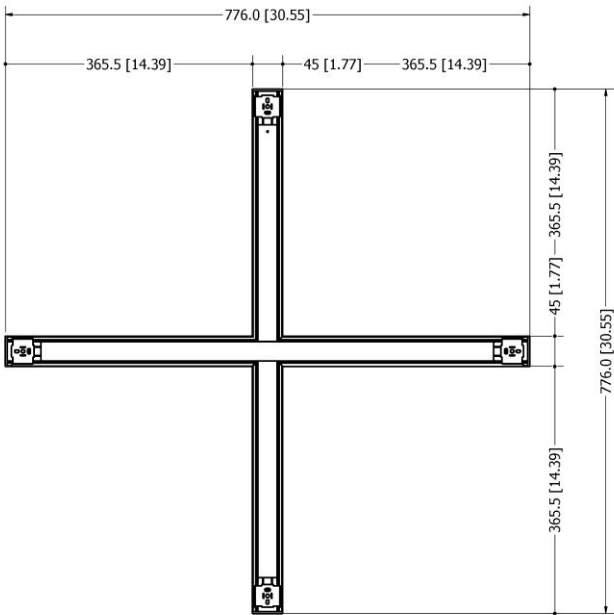
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ACCESSORIES

Ordered separately, field installed

PART NUMBER	DESCRIPTION	PICTURE
AE-SF-CANOPY-WH-5IN AE-SF-CANOPY-BK-5IN	Canopy Cover kit: 5'' diameter - 2 pieces White or Black	
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-NR	Linkable Metal Accessory – 1 piece Fixture wired for continuous mounting	
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	
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	

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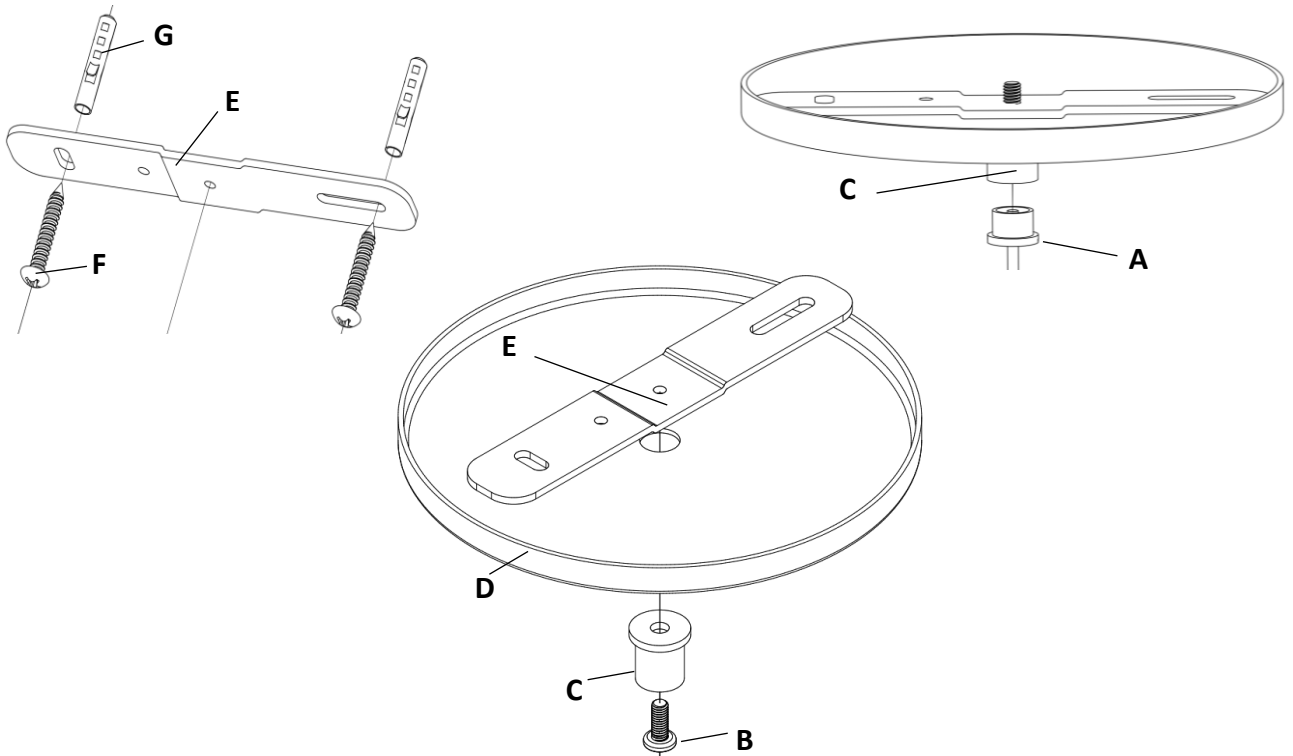
1. Screw the bracket (E) to the junction box using (F) & (G)
2. Connect the canopy to the bracket by screwing (C) & (D) to (E) using (B)
3. Connect the suspension cable to the canopy via screwing (A) to (C).

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:
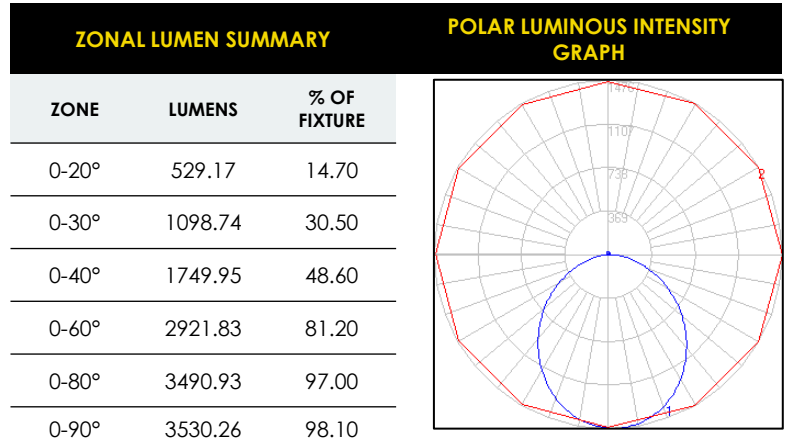
LUMEN ESTIMATE ADJUSTMENT FACTORS				
CCT	3000K	3500K	4000K	5000K
NORMAL (80CRI)	0.94	0.97	1	1.03

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ORDERING CODE	AE-SF-G6-A-CA			-B-P		-010-PL	-

PHOTOMETRIC DATA

AE-SF-G6-A-CA-440-B-P30-010-PL-WH

CCT: 30K

ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY GRAPH
ZONE	**LUMENS**	**% OF FIXTURE**	
0-20°	529.17	14.70	
0-30°	1098.74	30.50	
0-40°	1749.95	48.60	
0-60°	2921.83	81.20	
0-80°	3490.93	97.00	
0-90°	3530.26	98.10	

AE-SF-G6-A-CA-440-B-P40-010-PL-WH

CCT: 40K

LENGTH: 4FT

ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY GRAPH
ZONE	**LUMENS**	**% OF FIXTURE**	
0-20°	566.92	16.20	
0-30°	1165.7	33.40	
0-40°	1837.18	52.60	
0-60°	2991.91	85.70	
0-80°	3486.6	99.80	
0-90°	3492.5	100.00	
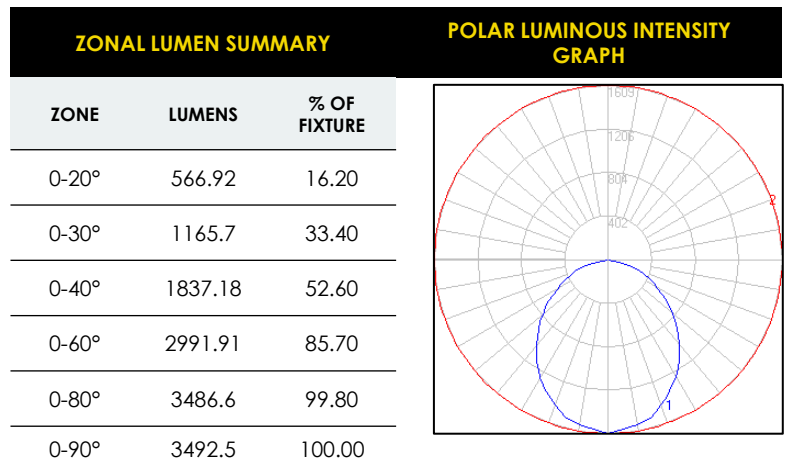
DIMMER COMPATIBILITY LIST

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
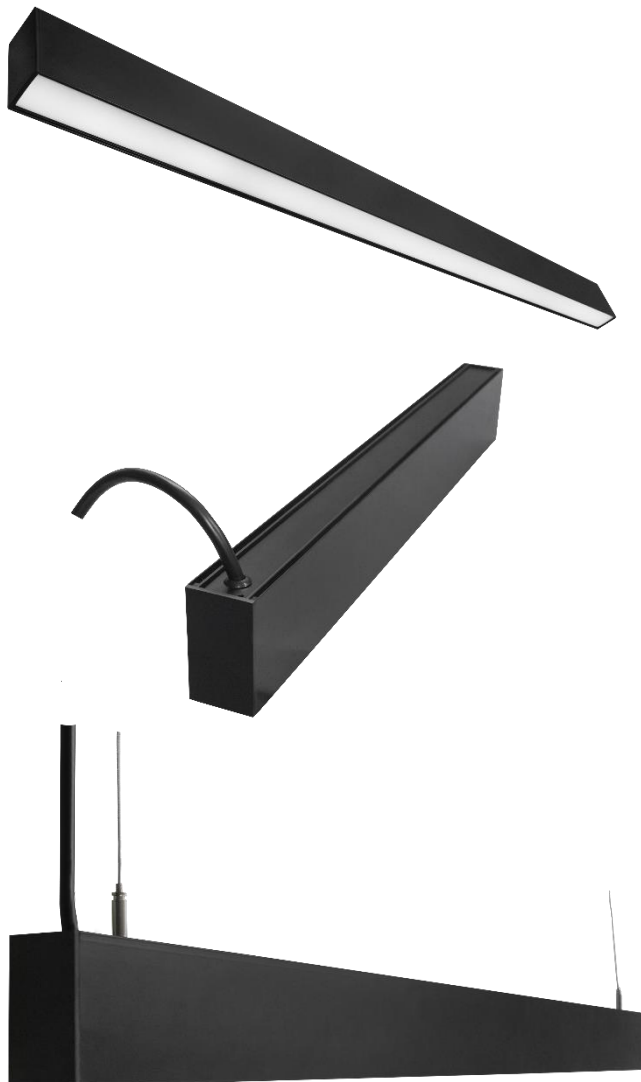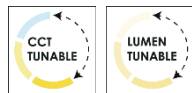
HIGH EFFICACY
91 lumen per watt at 90 CRI fixture provides long-term energy savings benefits.

INPUT VOLTAGE
Fixture input voltage range compatible from 120 to 347V.

ANTI-GLARE FINISH
Custom ERALUX anti-glare white and black finishes help reducing glare-off of the fixture's housing, accenting your project space.

COLOR SELECTABLE
Easily removable fixture top exposes the DIP switch to change between 3 CCT variations from warm to cool light.

MULTIPLE SIZES
Available in 2, 4, 6, 8 feet lengths and can be easily connected in continuous mounting runs.