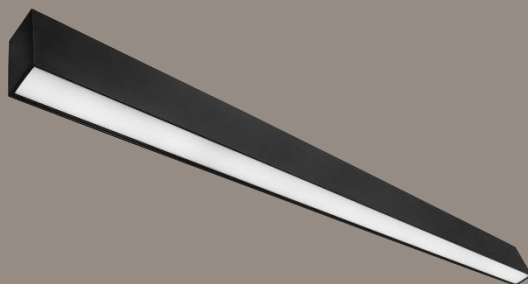




# GEN6

## LINEAR FIXTURES

Linear architectural lighting



The GEN 6 is the next evolution of linear architectural lighting. The GEN 6 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 two unique finishes Nebula White and Atomic Black. The GEN 6 provides the elegance that will enhance the lighting environment and impose a distinguished design for the entire space.

Project: \_\_\_\_\_

Qty: \_\_\_\_\_

Notes: \_\_\_\_\_

### OPERATING & ELECTRICAL

**Input voltage** 120-347V  
**Power factor** 0.9  
**Total harmonic distortion (THD)** <20%  
**Dimming** 0-10V external dimming down to 10%

### PERFORMANCE

**Lumens per Watt** 91 LPW at 90 CRI White  
87 LPW at 90 CRI Black  
20 to 70W  
Lambertian

### Power

### Distribution

### MECHANICAL & HOUSING

**Housing** Extruded aluminum for increased rigidity and strength

**Lens** Highly durable frosted polycarbonate lens ensures high efficiency light output for a clean, evenly illuminated surface with minimal glare. High transmittance lens allowing for a smooth, diffused light pattern.

### ORDERING GUIDE

**Finish** Aeralux nebula white, Aeralux atomic black anti-glare finishes, Silver RAL7044  
**Power Supply** Factory wired electronic LED driver

### LED Board

Discrete LED

### APPLICATION CONDITION

**Ambient temperature range** -10 to 40°C

### COMPATIBLE MOUNTING

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

### WARRANTY

**System warranty** 5 years

**Lumen maintenance** 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). (L85 at 50,000 hours)

EXAMPLE: AE-SF-G6-A-CA-220-B-P30-010-PL-WH

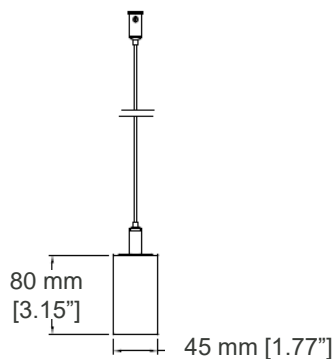
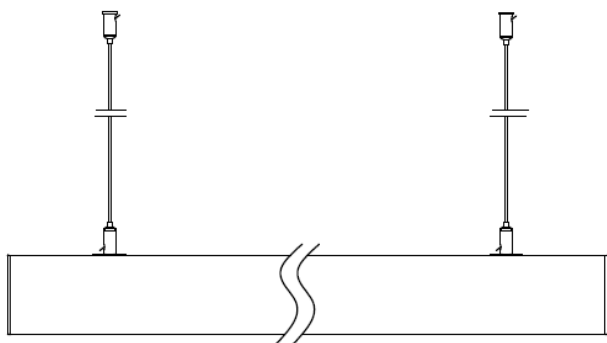
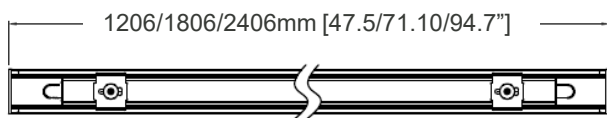
AE-SF-G6	-A	-CA	-2	20	-B	-P	30	-010	-PL	-WH
FIXTURE FAMILY	GEN	VOLTAGE	SIZE	POWER	ACCENT	CRI	CCT	DIMMING	LENS	FINISH
AE-SF-G6 Aeralux Gen 6 linear architectural fixture	-A First GEN	-CA 120-347Vac input voltage range	-2 2 feet length	20 20*	-B No Accent	-P 90 CRI	30 3000K CCT	-010 0-10V external dimming down to 10%	-PL Full length polycarbonate lens	-WH Aeralux Nebula White finish
			-4 4 feet length	40 20/30/40**			35 3500K CCT			-BK Aeralux Atomic Black finish to
			-6 6 feet length	50 30/40/50***			40 4000K CCT			
			-8 8 feet length	70 40/70****			50 5000K CCT			-SV Silver – RAL7044

2FT	20W*	20 watts - 1780 lms
4FT	20/30/40W**	20/30/40 watts-1780/2670/3560 lms
6FT	30/40/50W***	30/40/50 watts – 2670/3560/4450 lms
8FT	40/70W****	40/70 watts – 3560/6230 lms



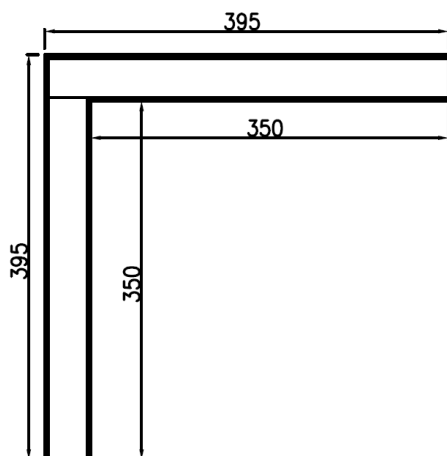
### PRODUCT DIMENSIONS

AE-SF-G6



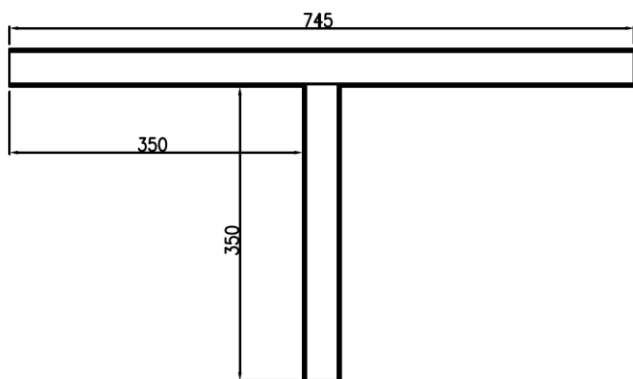
Connection accessories ordered separately

AE-SF-A-G6CA-L-20-PXX-PL-XX

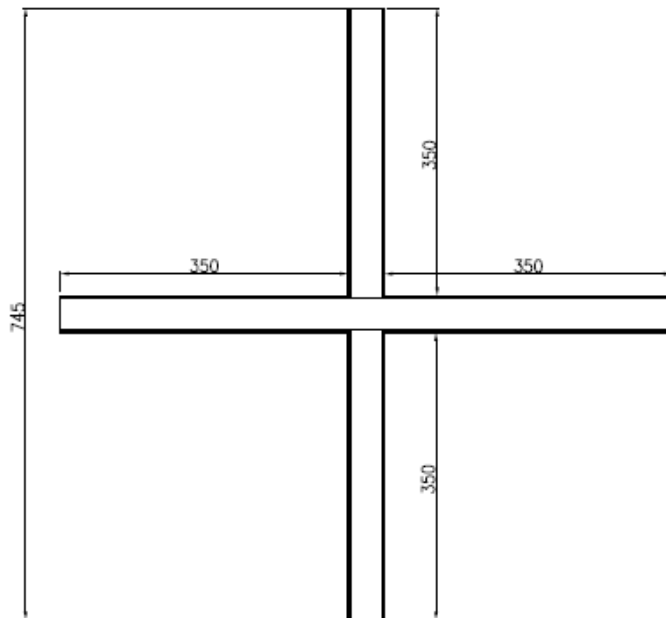


### PRODUCT DIMENSIONS

AE-SF-A-G6CA-T-30-PXX-PL-XX



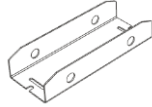






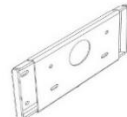


AE-SF-A-G6CA-X-40-PXX-PL-XX



### ACCESSORIES

Ordered separately, field installed

Part Number	Description	Picture
AE-SF-CANOPY-WH-4IN AE-SF-CANOPY-BK-4IN	Canopy Cover kit: 4" diameter – 2 pieces White or Black	
AE-SF-CANOPY-WH-5IN AE-SF-CANOPY-BK-5IN	Canopy Cover kit: 5" diameter - 2 pieces White or Black	
AE-SF-LINK-NR	Linkable Metal Accessory – 1 piece Fixture wired for continuous mounting	
AE-SF-GEN6-SMT-WH AE-SF-GEN6-SMT-BK	Surface mount kit – 1 piece – White Surface mount kit – 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	
AE-SF-A-G6-A-CA-L-20-PXX-PL-WH AE-SF-A-G6-A-CA-L-20-PXX-PL-BK	L-shape link-White L-shape link-Black *NOT CURRENTLY AVAILABLE FOR RECESSED	
AE-SF-A-G6-A-CA-T-30-PXX-PL-WH AE-SF-A-G6-A-CA-T-30-PXX-PL-BK	T-shape link-White T-shape link-Black *NOT CURRENTLY AVAILABLE FOR RECESSED	
AE-SF-A-G6-A-CA-X-40-PXX-PL-WH AE-SF-A-G6-A-CA-X-40-PXX-PL-BK	+ -shape link-White + -shape link-Black *NOT CURRENTLY AVAILABLE FOR RECESSED	
AE-SF-WMB-WH AE-SF-WMB-BK	Wall mount kit – 2 pieces	

### 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:

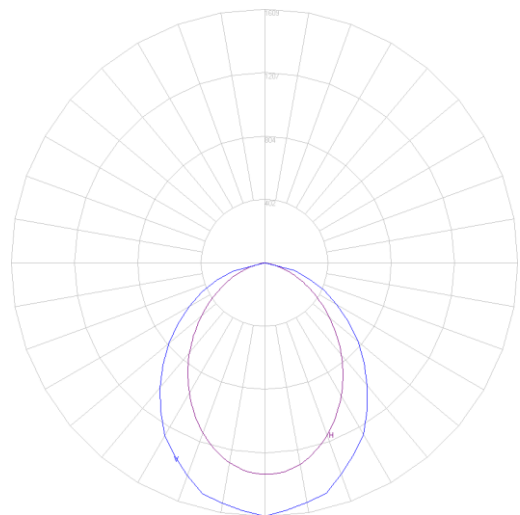
Lumen estimate adjustment factors				
CCT	2700K	3000K	3500K	4000K
NORMAL (80CRI)	0.91	0.94	0.97	1

### PHOTOMETRIC DATA

AE-SF-G6-A-CA-436-B-P50-010-PL-WH

Coefficients of utilization											
Ceiling	80%				70%		50%		30%		0%
Wall	70%	50%	30%	10%	50%	10%	50%	10%	50%	10%	0
RCR	Zonal Cavity Method – Effective floor reflectance = 20%										
0	119	119	119	119	116	116	111	111	106	106	100
1	110	106	102	99	104	101	100	97	96	94	87
2	101	94	88	83	92	86	88	84	85	81	74
3	93	83	76	70	82	75	79	73	76	71	64
4	86	74	66	60	73	66	71	64	68	63	55
5	79	67	59	52	66	58	64	57	62	56	48
6	73	61	52	46	60	52	58	51	56	50	43
7	68	55	47	41	54	47	53	46	52	45	38
8	64	51	43	37	50	42	49	42	47	41	34
9	60	47	39	34	46	39	45	38	44	38	31
10	56	43	36	31	43	35	42	35	41	35	28

Zonal lumen			
Zone	Lumens	Zone	Lumens
0-10	149.7	90-100	0
10-20	417.22	100-110	0
20-30	598.78	110-120	0
30-40	671.48	120-130	0
40-50	636.76	130-140	0
50-60	517.97	140-150	0
60-70	346.72	150-160	0
70-80	147.98	160-170	0
80-90	5.9	170-180	0





### HIGH-EFFICACY

100 lumen per watt at 80 CRI fixture provides long-term energy savings benefits.



### MULTIPLE SIZES

Available in 4, 6, 8 feet lengths and can be connected in continuous mounting runs

### INPUT VOLTAGE

Fixture input voltage range compatible from 120-347V.



### ANTI-GLARE FINISH

Custom Aeralux anti-glare white and black finishes help reduce glare off of the fixture's housing accenting your project space.