GEN5

LINEAR FIXTURES
Linear architectural lighting

What we have done with the 2nd generation of our most popular fixture is take customers' feedback into consideration. Now with a remolded housing that meets the modern project space, the Gen5'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. Our Aeralux color finish reduces glare by using a baked enamel coating that enhances your project 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 120 LPW at 80CRI for 6 and 8FT
105 LPW at 80CRI for 4 FT
Power 40, 50, 70W
Distribution Lambertian

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.

Finish Aeralux Nebula White. Aeralux Atomic Black finish, 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 Surface, suspended, wall
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)

ORDERING GUIDE – See next page for additional accessories   EXAMPLE: AE-SF-G5CA440N30/40/50010WH-GB

AE-SF-G5	CA	4	40	30/40/50	010	WH-GB	
FIXTURE FAMILY	VOLTAGE	LENGTH	POWER	CCT	CONTROLS	FINISH	DIMMING
AE-SF-G5 Aeralux Gen5 linear architectural fixture	**CA** 120-347Vac input voltage	**4** 4 feet length	**40** 40 watts: 4200 lumens	**30/40/50** 3000/4000/5000K selectable CCT	**010** 0-10V external dimming down to 10%	**WH-GB** Aeralux Nebula White	**[LEAVE BLANK]** None
		6 6 feet length	**50** 50 watts: 6000 lumens				**-LDE5** Lutron 5-Series EcoSystem LED driver dimming down to 5%
				30/35/40 3000/3500/4000K selectable CCT		**BK-GB** Aeralux Atomic Black	**-LDE1** Lutron Hi-lume 1% EcoSystem driver with Soft-on, Fade-to-Black dimming technology down to 1%
		8 8 feet length	**70** 70 watts: 8400 lumens			**SV-GB** Silver – RAL7044	

Each fixture comes standard with 2x 6FT suspension cables

REV G

ORDERING GUIDE...Continued

EXAMPLE: AE-SF-G5CA440N30/40/50010WH-GB-PCUV-CP4

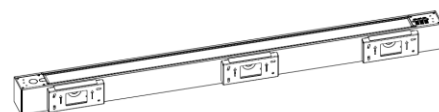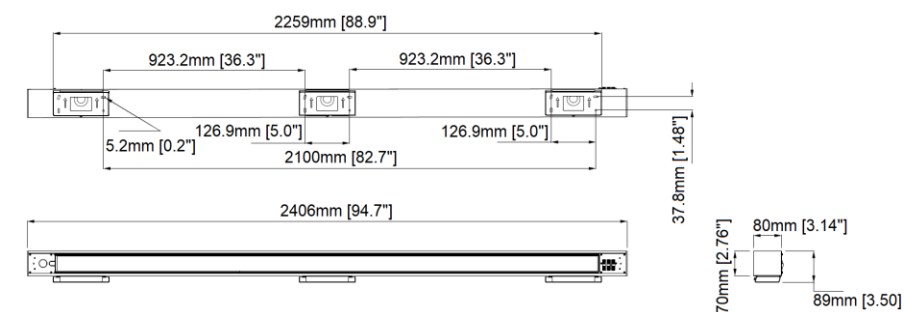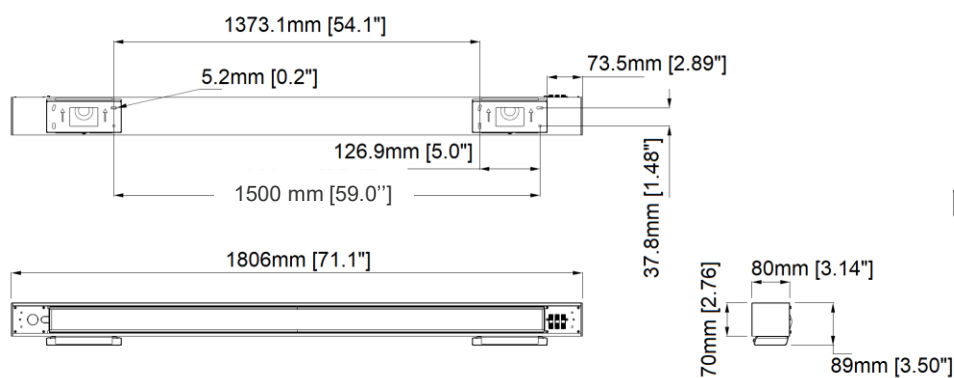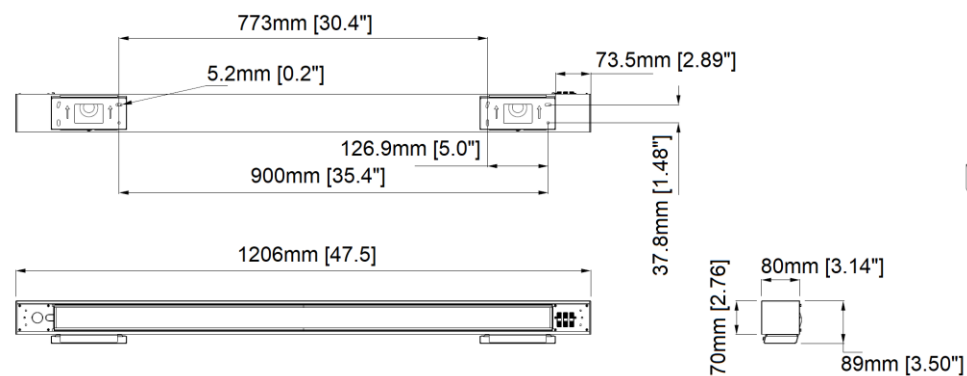| -PCUV-CP4	
ACCESSORIES	
BLANK	
-PCUV	- Power cord – 120-277V
-PCUV-CP4	- Power cord – 120-277V with 4-inch Canopy
-PCUV-CP5	- Power cord – 120-277V with 5-inch Canopy
-PCHV	- Power cord – 120-347V
-PCHV-CP4	- Power cord – 120-347V with 4-inch Canopy
-PCHV-CP5	- Power cord – 120-347V with 5-inch Canopy

POWER SWITCHABLE OPTIONS

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

PRODUCT DIMENSIONS - SUSPENDED
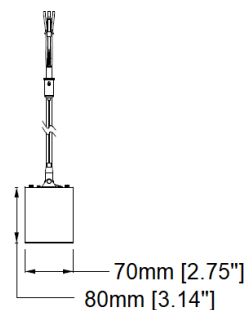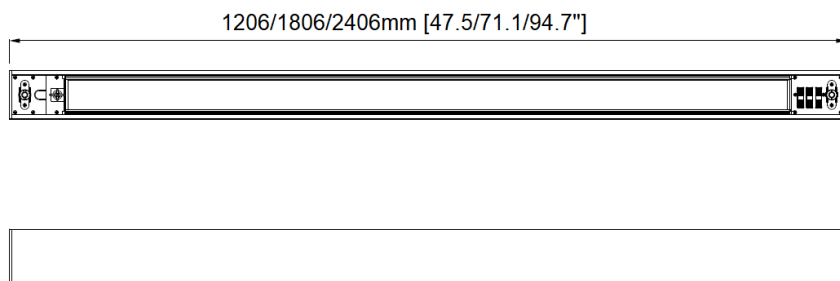
1206/1806/2406mm [47.5/71.1/94.7"]

70mm [2.75"]
80mm [3.14"]

PRODUCT DIMENSIONS – WALL MOUNT

773mm [30.4"]
5.2mm [0.2"]
73.5mm [2.89"]
126.9mm [5.0"]
900mm [35.4"]
37.8mm [1.48"]
1206mm [47.5]
80mm [3.14"]
70mm [2.76]
89mm [3.50"]

1373.1mm [54.1"]
5.2mm [0.2"]
73.5mm [2.89"]
126.9mm [5.0"]
1500 mm [59.0'']
37.8mm [1.48"]
1806mm [71.1"]
80mm [3.14"]
70mm [2.76]
89mm [3.50"]

2259mm [88.9"]
923.2mm [36.3"]
923.2mm [36.3"]
126.9mm [5.0"]
126.9mm [5.0"]
5.2mm [0.2"]
2100mm [82.7"]
37.8mm [1.48"]
2406mm [94.7"]
80mm [3.14"]
70mm [2.76]
89mm [3.50]

PRODUCT DIMENSIONS – L SHAPE

16.7 in
[423.0 mm]

15.1 in
[384.2 mm]

2.7 in
[69.0 mm]

14.6 in
[370.0 mm]

13.9 in
[353.0 mm]

13.9 in
[353.0 mm]

16.7 in
[423.0 mm]

2.7 in
[69.0 mm]

3.1 in
[79.0 mm]
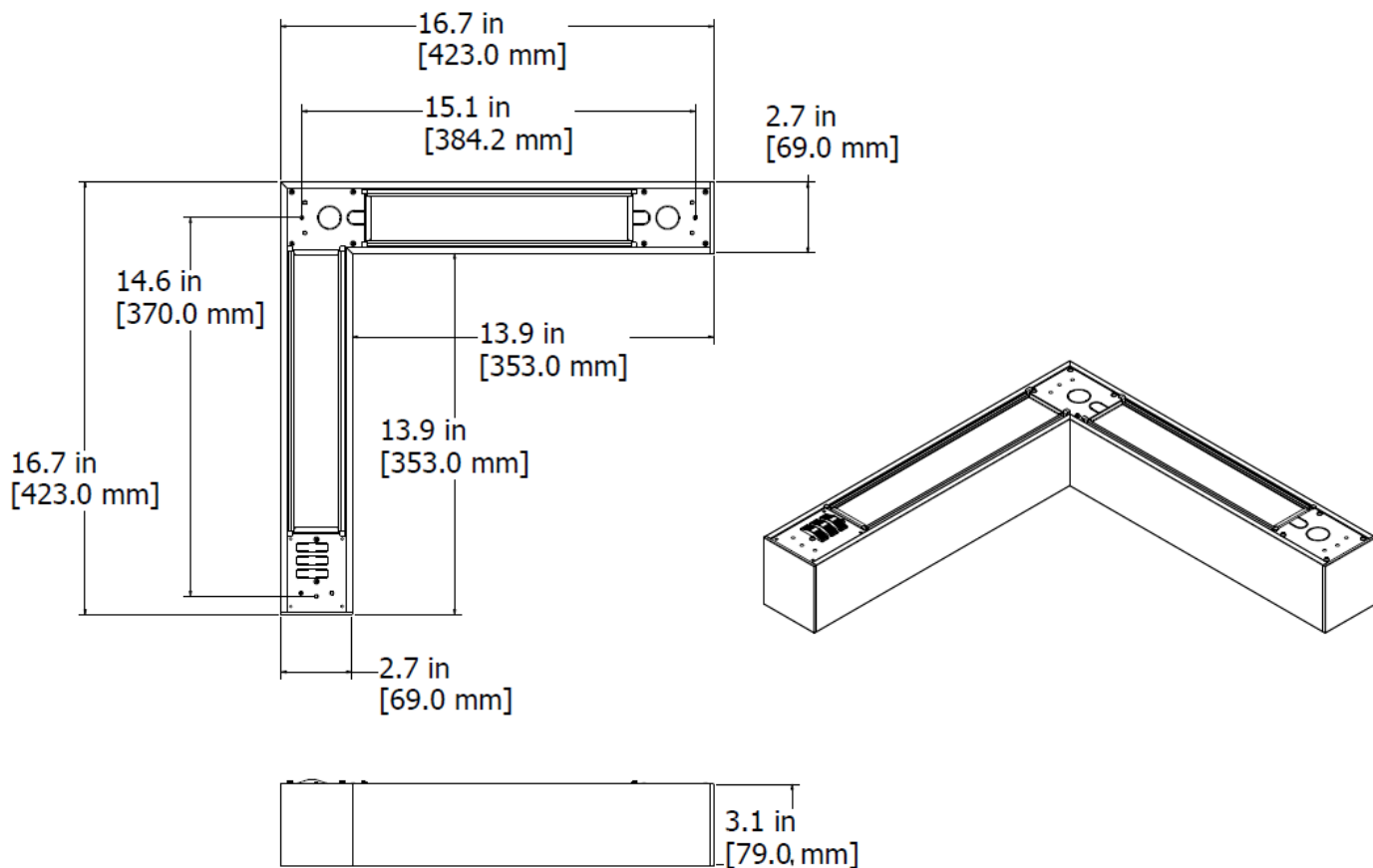
PRODUCT DIMENSIONS – T SHAPE

30.6 in [776.0 mm]
27.3 in [694.0 mm]
11.9 in [301.0 mm]
2.7 in [69.0 mm]
13.9 in [353.0 mm]
13.9 in [353.0 mm]
13.9 in [353.0 mm]
14.6 in [370.0 mm]
2.7 in [69.0 mm]
3.1 in [79.3 mm]
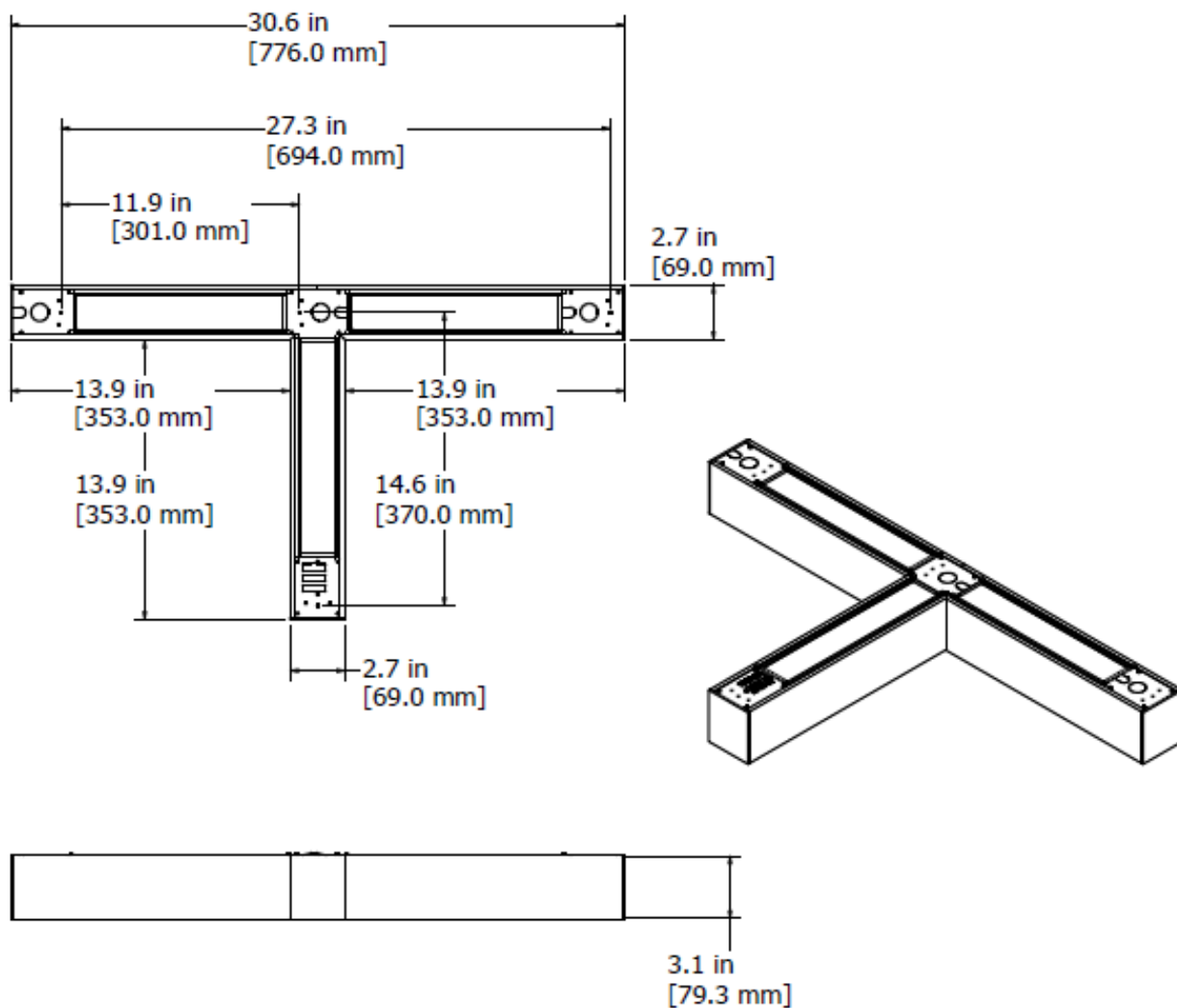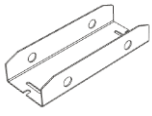
PRODUCT DIMENSIONS – X SHAPE

14.6 in
[370.0 mm]

13.9 in
[353.0 mm]

2.7 in
[69.0 mm]

30.6 in
[776.0 mm]

13.7 in
[347.0 mm]

29.1 in
[740.0 mm]

3.1 in
[79.0 mm]
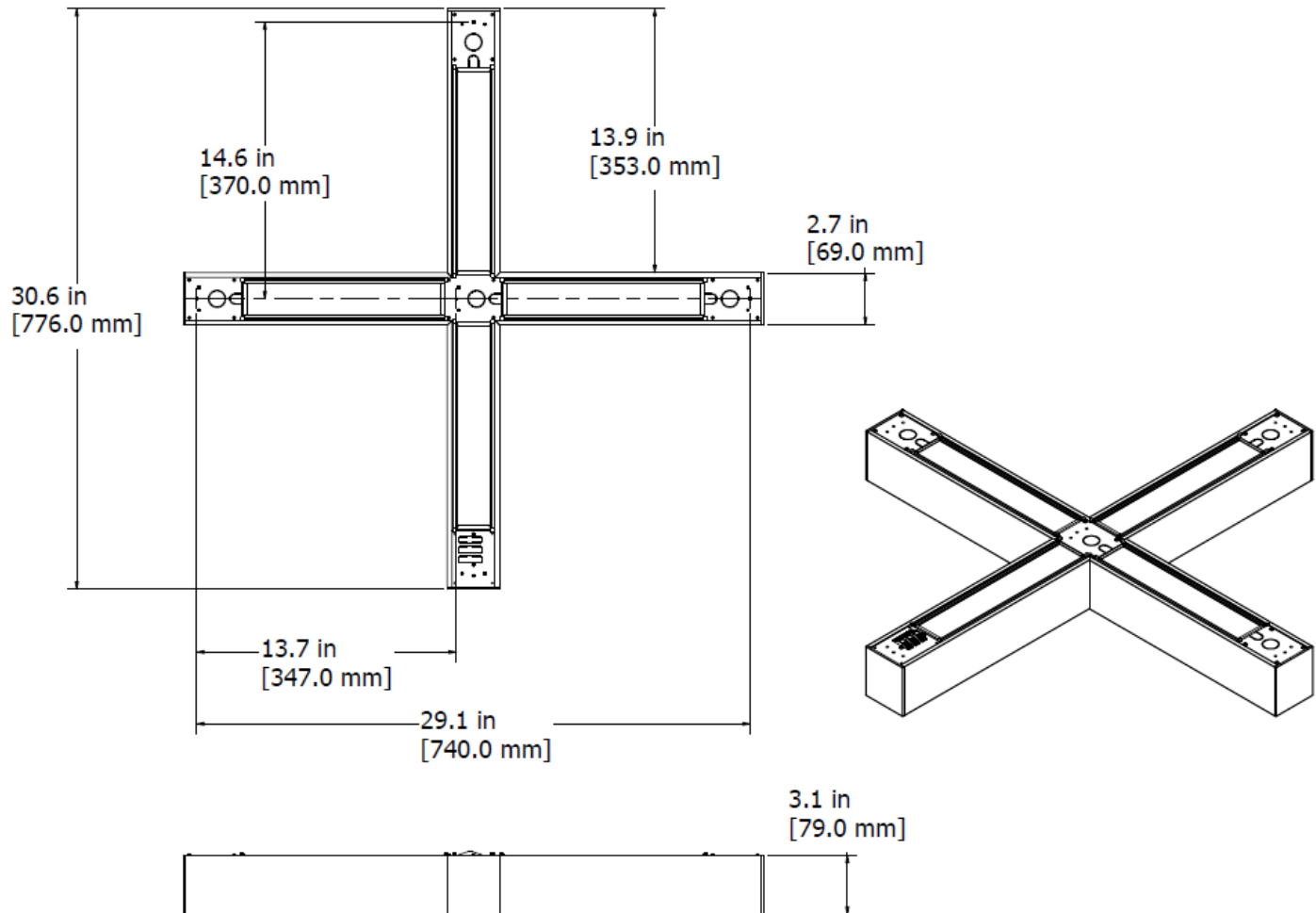
ACCESSORIES

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-G2	Linkable Metal Accessory – 1 piece Fixture wired for continuous mounting	
AE-SF-GEN5-SMT-WH AE-SF-GEN5-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-G5CA-L-20-xx/xx/xx-WH AE-SF-G5CA-L-20-xx/xx/xx-BK	L-shape link-White L-shape link-Black *NOT CURRENTLY AVAILABLE FOR RECESSED	
AE-SF-G5CA-T-30-xx/xx/xx-WH AE-SF-G5CA-T-30-xx/xx/xx-BK	T-shape link-White T-shape link-Black *NOT CURRENTLY AVAILABLE FOR RECESSED	
AE-SF-G5CA-X-40-xx/xx/xx-WH AE-SF-G5CA-X-40-xx/xx/xx-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:
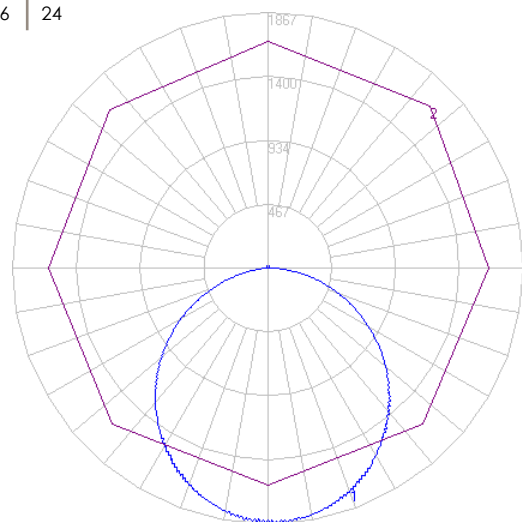
Lumen estimate adjustment factors				
CCT	2700K	3000K	3500K	4000K
NORMAL (80CRI)	0.91	0.94	0.97	1

PHOTOMETRIC DATA

AE-SF-G5CA440N30/40/50010WH-GB (4000K)

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	110	110	106	106	99
1	108	104	99	96	101	94	97	91	93	88	83
2	99	90	84	78	88	77	85	75	81	73	69
3	90	79	71	65	78	64	75	63	72	61	58
4	82	70	61	55	69	54	66	53	64	53	50
5	76	63	54	47	62	47	59	46	57	46	43
6	70	57	48	41	55	41	54	40	52	40	37
7	65	51	42	36	50	36	49	36	47	35	33
8	60	47	38	32	46	32	45	32	43	32	30
9	56	43	35	29	42	29	41	29	40	29	27
10	53	40	32	26	39	26	38	26	37	26	24

Room Cavity Ratio

Zonal lumen			
Zone	Lumens	Zone	Lumens
0-10	174.21	90-100	4.29
10-20	496.91	100-110	5.93
20–30	747.92	110-120	7.72
30-40	894.29	120-130	8.86
40-50	920.54	130-140	9.12
50-60	825.1	140-150	8.49
60-70	625.19	150-160	7.02
70-80	360.51	160-170	4.77
80-90	92.96	170-180	1.73

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

CCT TUNABLE

CONTINUOUS RUNS
Easily connect multiple fixtures together for continuous mounting configuration.

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

STANDARD FEATURES
4FT suspension cables standard with fixture providing simple purchase and cost-savings

FINISHES
Standard Aeralux anti-glare white and black finishes reduce object glare and provide an elegant look to the fixture's housing.

aeralux