

# GEN5 PRIME

## LINEAR FIXTURES

Linear architectural lighting



The Gen5 PRIME is a high-end, low glare architectural linear which offers a high lumen output while maintaining an UGR level below 16. The housing can be connected seamlessly to achieve long runs. It is available for suspended mounting, surface mounting, and wall mounting in various run lengths. Our ERALUX 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%

**Finish**

ERALUX Nebula White, ERALUX

Atomic Black finish, Silver RAL7044

**Power Supply**

Factory wired electronic LED

driver

**LED Board**

Discrete LED

### PERFORMANCE

**Lumens per Watt**

100 LPW at 80CRI for 6 and 8FT

90 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.

### 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-PRIME

AE-SF-G5	CA	4	40	30/40/50	010	WH-GB	-P
FIXTURE FAMILY	VOLTAGE	LENGTH	POWER	CCT	CONTROLS	FINISH	LENS
AE-SF-G5 ERALUX Gen5 linear architectural fixture	CA 120-347Vac input voltage	4 4 feet length	40 40 watts: 3600 lumens	30/40/50 3000/4000/5000K selectable CCT	010 0-10V external dimming down to 10%	WH-GB ERALUX Nebula White	-P Parabolic Lens
		6 6 feet length	50 50 watts: 5000 lumens			BK-GB ERALUX Atomic Black	
		8 8 feet length	70 70 watts: 7000 lumens	30/35/40 3000/3500/4000K selectable CCT		SV-GB Silver – RAL9006	

Each fixture comes standard with 2x 6FT suspension cables



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### ORDERING GUIDE...Continued

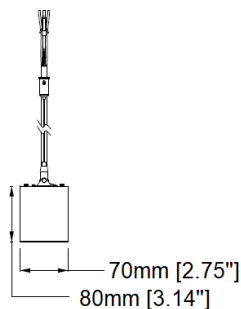
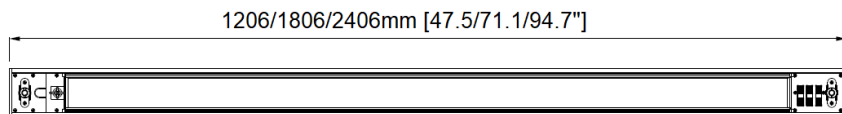
**EXAMPLE:** AE-SF-G5CA440N30/40/50010WH-GB-PCUV-CP4

<b>-PCUV-CP4</b>	
<b>ACCESSORIES</b>	
<b>BLANK</b>	
<b>-PCUV</b>	- Power cord – 120-277V
<b>-PCUV-CP4</b>	- Power cord – 120-277V with 4-inch Canopy
<b>-PCUV-CP5</b>	- Power cord – 120-277V with 5-inch Canopy
<b>-PCHV</b>	- Power cord – 120-347V
<b>-PCHV-CP4</b>	- Power cord – 120-347V with 4-inch Canopy
<b>-PCHV-CP5</b>	- Power cord – 120-347V with 5-inch Canopy

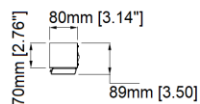
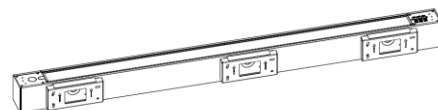
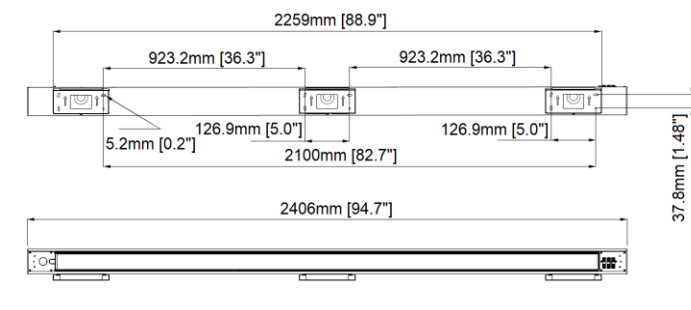
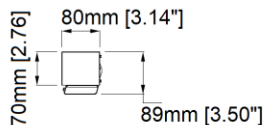
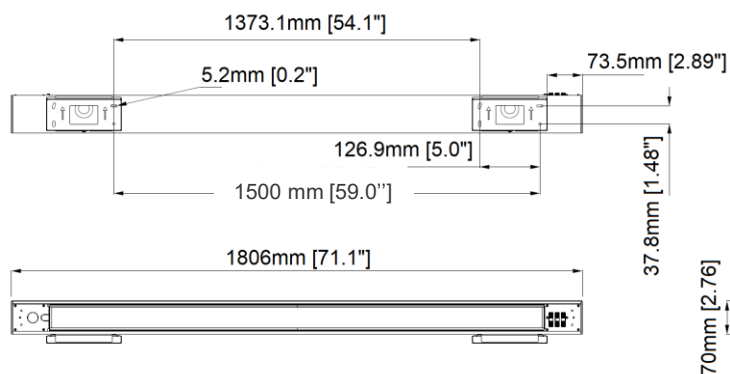
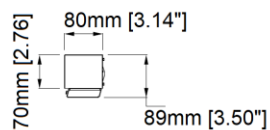
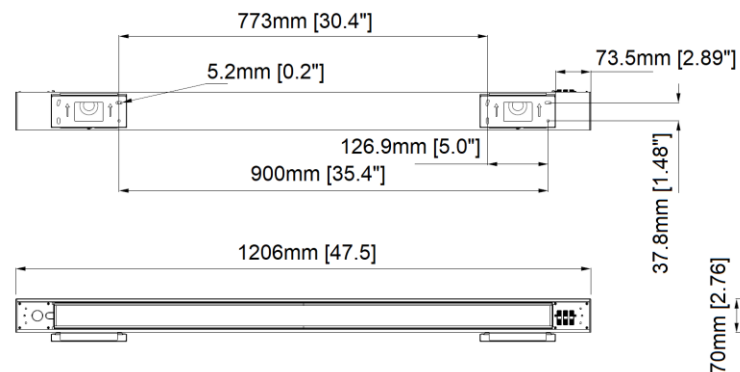
### POWER SWITCHABLE OPTIONS

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			

### PRODUCT DIMENSIONS - SUSPENDED

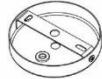

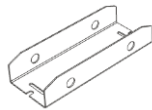






### PRODUCT DIMENSIONS – Wall mount



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

### PHOTOMETRIC DATA - TBD

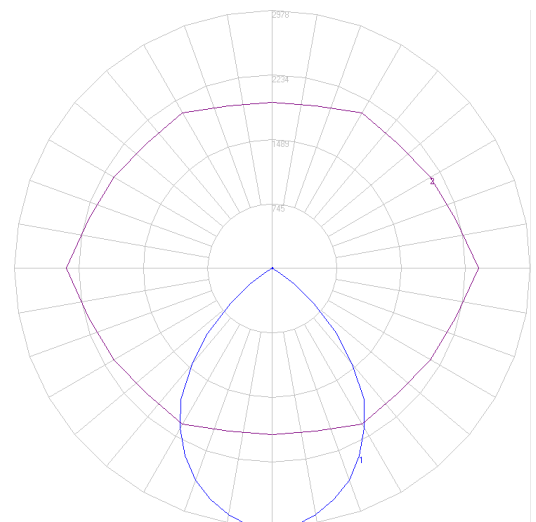
AE-SF-G5CA440N30/40/50010WH-GB-P (3500K)

#### 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	113	110	107	104	107	103	103	99	99	96	92
2	106	101	96	92	99	91	95	89	92	87	83
3	100	92	87	82	91	82	88	80	86	79	76
4	94	85	79	74	84	74	82	73	80	72	69
5	88	79	72	67	78	67	76	66	74	65	63
6	83	73	66	61	72	61	70	60	69	60	58
7	78	68	61	56	67	56	65	55	64	55	53
8	74	63	56	52	62	51	61	51	60	51	59
9	70	59	52	48	58	48	57	47	56	47	55
10	66	55	49	44	55	44	54	44	53	44	52

#### Zonal lumen

Zone	Lumens	Zone	Lumens
0-10	266.24	90-100	0.48
10-20	702.86	100-110	0.43
20-30	932.7	110-120	0.76
30-40	824.51	120-130	1.35
40-50	556.73	130-140	1.81
50-60	155.88	140-150	2.49
60-70	21.63	150-160	3.35
70-80	6.28	160-170	2.87
80-90	2.19	170-180	1.07



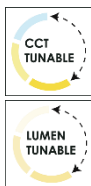


# GEN5 PRIME

## LINEAR FIXTURES

Linear architectural lighting

### OVERVIEW



#### COLOR SELECTABLE

Easily removable fixture top exposes the DIP 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

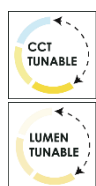
4FT suspension cables standard with fixture providing simple purchase and cost-savings.

#### CONTINUOUS RUNS

Easily connect multiple fixtures together for continuous mounting configuration.

#### FINISHES

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



Single  
Fixture



joined  
Fixtures



Canopy: 2/kit



4/6/8 ft



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