



GEN5 GYP

LINEAR FIXTURES

Linear architectural lighting



The GEN5 Series provides an unsurpassed flexibility that we have been looking for in commercial offices. With a simple switch, the GEN5 can switch CCT. This series has been redesigned to be easily mounted in drywall ceilings using spring clips.

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 40W, 50W, 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

Nebula White

Power Supply

Factory wired electronic LED

driver

LED Board

Discrete LED

APPLICATION CONDITION

Ambient temperature range

-10 to 40°C

COMPATIBLE MOUNTING

Mounting

Recessed (**Non-IC rated**)

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)

ORDERING GUIDE

EXAMPLE: AE-SF-G5CA440N30/40/50010WH-R-GYP

AE-SF-G5	CA	4	40	30/40/50	010WH	-R-GYP
FIXTURE FAMILY	Voltage	LENGTH	POWER	CCT	CONTROLS	MOUNTING
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	010WH 0-10V external dimming down to 10% White Finish	-R-GYP Recessed mounted
		6 6 feet length	50 50 watts: 6000 lumens			
		8 8 feet length	70 70 watts: 8400 lumens	30/35/40 3000/3500/4000K selectable CCT	010BK 0-10V external dimming down to 10% Black Finish	





GEN5 GYP

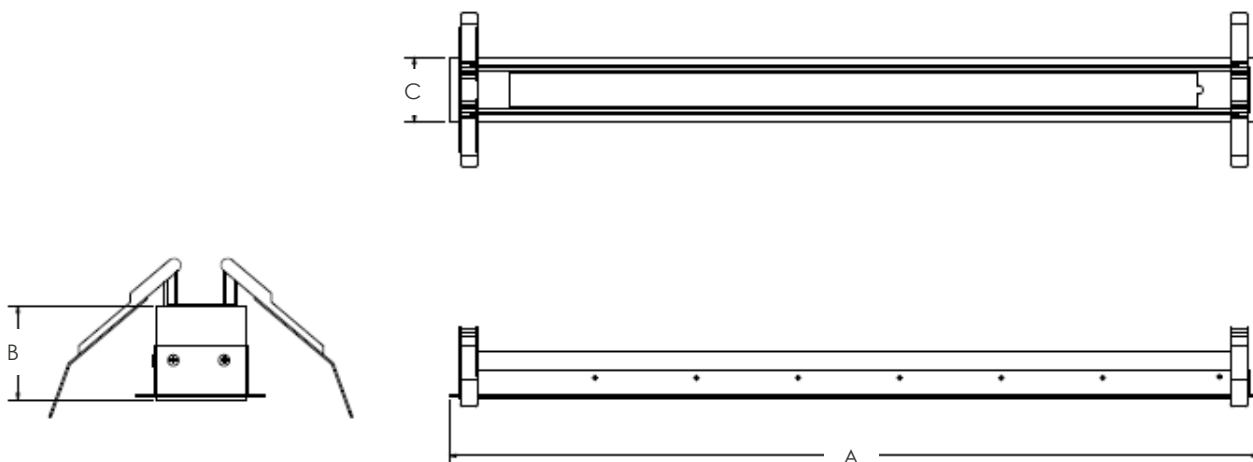
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POWER SWITCHABLE OPTIONS

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
		6FT	40W - 4800 lms
			50W - 6000 lms
8FT			40/70 watts switchable
		70W - 8400 lms	

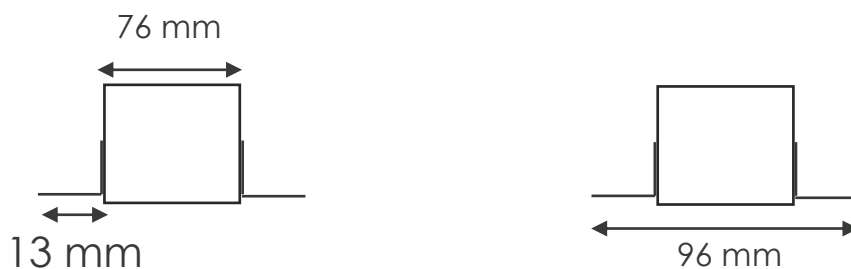
PRODUCT DIMENSIONS



Dimensions			
Length	A	B	C
4 ft	1233 mm 48,5"	80 mm 3.15"	96 mm 3.81"
6 ft	1833 mm 72.2"	80 mm 3.15"	96 mm 3.81"
8 ft	2433 mm 95.8"	80 mm 3.15"	96 mm 3.81"

Flange width : 13 mm

CROSS DIMENSIONS



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-G5UV440N304050XXXXX

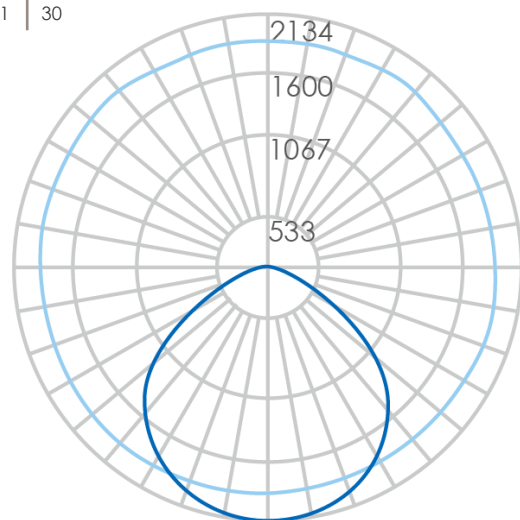
Coefficients of utilization												
Ceiling	80%				70%		50%		30%		0%	
Wall	70%	50%	30%	10%	50%	10%	50%	10%	50%	10%	0	
RCR	Zonal Cavity Method – Effective floor reflectance = 20%											
Room Cavity Ratio	0	119	119	119	119	116	116	111	111	106	106	100
	1	110	106	103	99	104	98	100	95	96	92	87
	2	102	95	89	84	93	83	89	81	86	79	75
	3	94	84	77	71	83	71	80	70	77	68	65
	4	87	76	68	62	74	61	72	61	70	60	57
	5	80	68	60	54	67	54	65	53	63	53	50
	6	74	62	54	48	61	48	59	47	58	47	45
	7	69	57	48	43	56	43	54	42	53	42	40
	8	65	52	44	38	51	38	50	38	49	38	36
	9	60	48	40	35	47	35	46	35	45	34	32
	10	57	44	37	32	44	32	43	32	42	31	30

Luminance data

Angle	0°	45°	90°
45°	28149	24371	19348
55°	23202	16374	11938
65°	16425	10523	7744
75°	11620	7549	5559
85°	9025	5063	3930

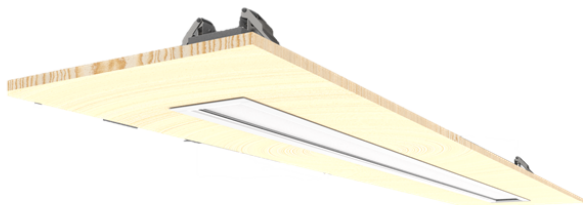
Zonal lumen

Zone	Lumens	Zone	Lumens
0-10	202.11	90-100	2.42
10-20	581.85	100-110	1.74
20-30	883	110-120	1.7
30-40	1031.16	120-130	1.88
40-50	926.19	130-140	1.86
50-60	627.33	140-150	1.9
60-70	344.84	150-160	1.85
70-80	160.93	160-170	1.43
80-90	44.11	170-180	0.56



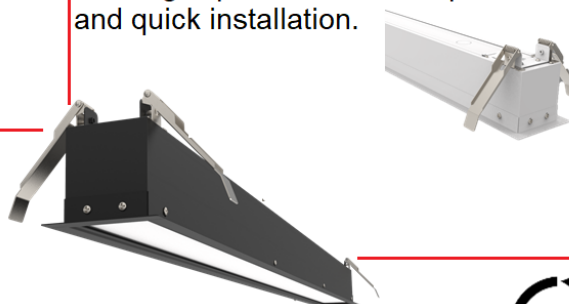
ELEGANT APPEARANCE

The recessed Gen 5 linear fixture is suitable for use on many types of surfaces including sheet rock and wood panels. Its flange provides an elegant look no matter the mounting space.



SPRING-ACTION CLIPS

Stainless steel spring-action housing clips allow for a simple and quick installation.



PRODUCT FLEXIBILITY

CCT switchable from 3000/4000/5000K or from 3000/3500/4000K using a DIP switch on the housing provides an enormous amount of flexibility at the project location.

