

GEN5 Wallmount

LINEAR FIXTURES

Linear architectural lighting



The G5 LED provides an unsurpassed flexibility that we have been looking for in commercial offices. With a simple switch, the G5 can switch CCT from 3000K, to 4000K to 5000K. This luminaire uses lenses developed to provide a new level of general lighting using linear lights. It is perfect for new buildings, upgrades and retrofit projects. This series can be ideally pendant, surface or wall mounted; and the linear tube lights may be mounted in a continuous row to fit your application requirement.

OPERATING & ELECTRICAL

Input voltage 120-277V, 347V
Power factor 0.9
Total harmonic distortion (THD) <20%
Dimming 0-10V external dimming down to 10%

PERFORMANCE

Lumens per Watt 100 LPW at 80CRI
Power 40, 60, 80W
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

Atomic Black finish reduces glare enriching fixture look

Power Supply

Factory wired electronic LED

driver

LED Board

Light emitted source

APPLICATION CONDITION

Ambient temperature range -20 to 45°C

COMPATIBLE MOUNTING

Mounting

Wall

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)

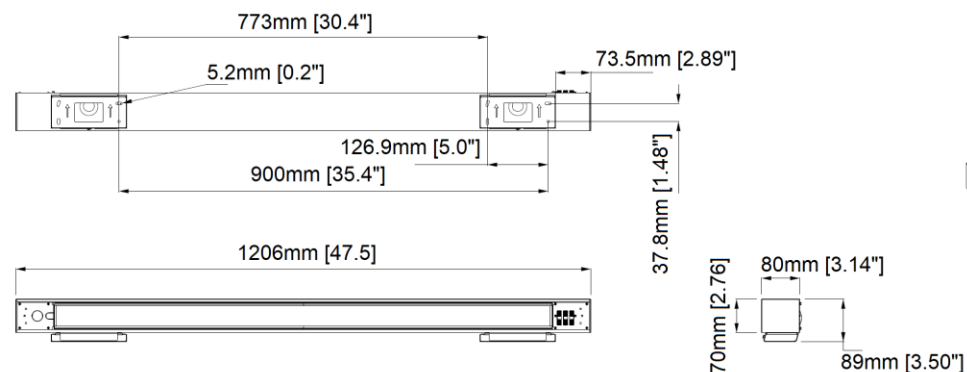
ORDERING GUIDE

EXAMPLE: AE-SF-G5CA440N30/40/50010-WMT-WH-GB

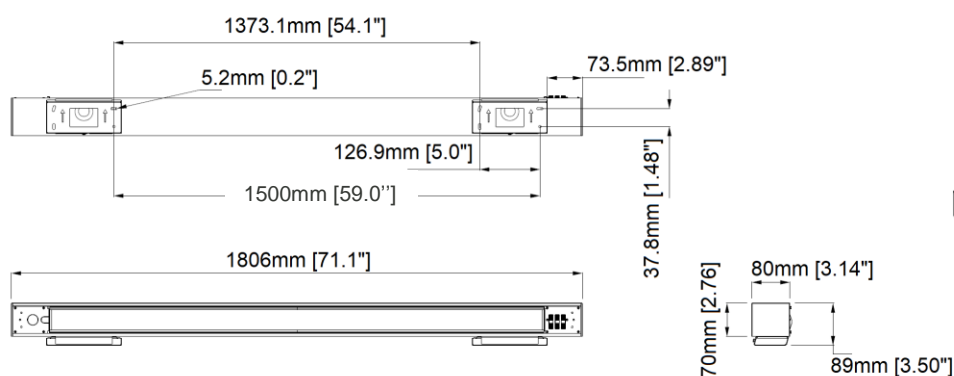
AE-SF-G5	CA	4	40	N	30/40/50	010	-WMT-	WH	-GB
FIXTURE FAMILY	VOLTAGE	LENGTH	POWER	CRI	CCT	CONTROLS	MOUNTING	FINISH	GEN
AE-SF-G5 ERALUX Gen5 linear architectural fixture	CA 120-347Vac input voltage	4 4 feet length	40 40 watts: 4000 lumens	N Normal 80 CRI	30/40/50 3000/4000/5000K selectable CCT	010 0-10V external dimming down to 10%	-WMT- Wall mounted	WH ERALUX Nebula White	-GB Generation 2
		6 6 feet length	60 60 watts: 6000 lumens					BK ERALUX Atomic Black	
		8 8 feet length	80 80 watts: 8000 lumens		30/35/40 3000/3500/4000K selectable CCT				

PRODUCT DIMENSIONS

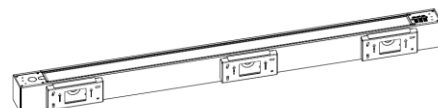
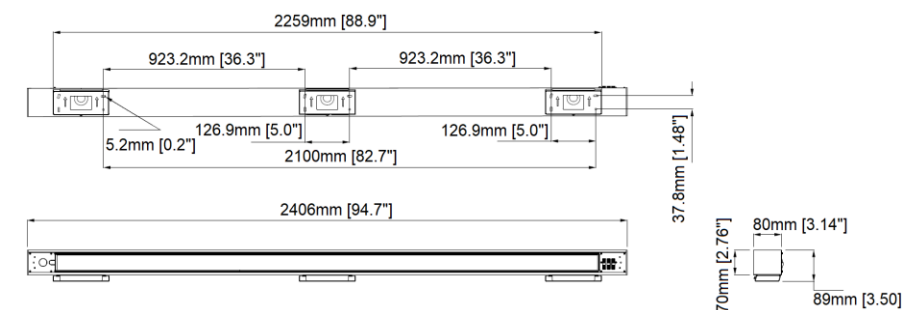
AE-SF-G5CA440



AE-SF-G5CA660

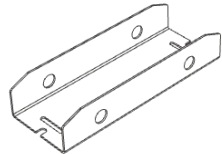
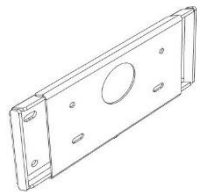


AE-SF-G5CA880



ACCESSORIES

Ordered separately, field installed

Part Number	Description	Picture
AE-SF-G4/5-LINK	Linkable Metal Accessory – 1pc	
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-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

