

G5 | SPT

Our most popular linear, and one of the most cost-effective. The G5 delivers direct light from a 2.5in aperture; the SPT adds uplight for softer ambient light. Six standard lengths from 2 to 8ft join into continuous runs without visible breaks, power and CCT switchable.

Art Galleries

Office

Retail Stores

Hospitality

Education



Project Information

Type: _____ Date: _____
 Project: _____
 Catalog #: _____
 Notes: _____



Key Specifications

Electrical

Input voltage	120-277/347V
Power factor	> 0.9
THD	< 20%
Dimming	0-10V down to 1%
Power	20W to 80W

Optical

CRI	80 CRI
CCT	30/35/40K or 30/40/50K
Efficacy	~120lm/W · ~1200lm/ft
Aperture	2.5in
Distribution	120°

Physical

Length	2ft · 3ft · 4ft · 5ft · 6ft · 8ft
Mounting	Suspended · Recessed T-grid · Wall
Fixture finish	BK · WH · SV · GN · MA
Optics	PC · Drop · Wallwash · Louver
Custom design	X, L, T, hexagon
Ambient	-10°C to 40°C
Accessories	Emergency battery · Motion sensor

Certifications

Listings	cETLus · DLC · RoHS
Warranty	5 years
Lumen maintenance	L85 at 50000h

System Warranty

5 years

Eralux will warrant defective drivers, LEDs and boards for 5 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

Lumen Maintenance

L85 at 50000h

Rated for 85% initial lumen output at 50000h of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

Ordering Guide - Fixture

Assembled Catalog Number

[RESET](#)

AE-SF-

01 FIXTURE FAMILY

G5CA

G5
direct

SPTCA

SPT
direct/indirect

02 LENGTH | POWER

220

G5 2ft | 20W
2400lm

330

G5 3ft | 30W
3600lm

440

G5 4ft | 40W
4800lm

550

G5 5ft | 50W
6000lm

660

G5 6ft | 60W
7200lm

880

G5 8ft | 80W
9600lm

225

SPT 2ft | 25W
up to 3500lm

340

SPT 3ft | 30/40W
up to 4800lm

450

SPT 4ft |
30/40/50W
up to 6000lm

560

SPT 5ft | 50/60W
up to 7100lm

675

SPT 6ft |
50/60/75W
up to 8900lm

8100

SPT 8ft |
60/80/100W
up to 11900lm

03 CCT

30/35/40

3000/3500/4000K

30/40/50

3000/4000/5000K

04 CONTROLS

010

0-10V to 1%

05 FINISH



WH
White



BK
Black



SV
Silver



GN
Gun powder



MA
Maple

RALXXXX

Custom color

06 GB

Blank

No GB

-GB

GB

07 DISTRIBUTION

Blank

Standard

-50D50U

50% direct
50% indirect

-100U

100% indirect

08 MOUNTING

Blank

Suspended

-R

Recessed
T-grid

WM

Wall mount
bracket 2pcs

09 TYPE

Blank

No option

-A

Stand-alone

-B

Starter/ender

-C

Middle

10 OPTION

Blank

No option

-LDE1

Fade-to-Black
to 1%

-EMBB

Emergency
battery

Ordering Guide - Fixture (continued)

11 POWER CORD

Blank

No cord

-PH-C

8ft cord
+ canopies

-PH18-C

18ft cord
+ canopies

12 DIFFUSER

Blank

Polycarbonate

-P

Prime
silver louver

-PS

Prime shadow
black louver

-DL

0.5in drop lens

-WW

Wall wash

-LV

Louver lens

For standard distribution, G5 is 100% down and SPT is 70% down and 30% up. Wall-wash option (-WW) not available with custom finish (RALXXXX). One guide covers both families and all three mountings; unavailable combinations grey out as you click. Ordering notes are on the Ordering Notes & Lumen Output page.

Ordering Guide - TRIAC Dimming

Assembled Catalog Number

[RESET](#)

AE-SF-G5CA

01 FIXTURE FAMILY



AE-SF-G5CA

ERALUX G5 Linear · order AE-SF-SPTCA for the SPT version

02 LENGTH | POWER

215

2ft | 15W
1575lm

440

4ft | 40W
4250lm

880

8ft | 80W
9600lm

03 CCT



30

3000K



35

3500K



40

4000K

04 CONTROLS

-TRI

TRIAC dimming

05 FINISH



-WH-GB

White



-BK-GB

Black

TRIAC dimming is available on the 2, 4 and 8ft fixtures in black or white. Order AE-SF-SPTCA for the SPT direct/indirect version.

Caution: where several fixtures share one 0-10V dimming line, a 0-10V controller must be used for consistent dimming; a single switch is not recommended for controlling multiple fixtures simultaneously. Maximum of 300W per electrical drop.

Ordering Guide - Custom Design

Assembled Catalog Number

[RESET](#)

AE-SF-G5

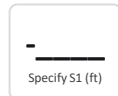
01 FIXTURE FAMILY



AE-SF-G5

ERALUX G5 Suspended Architectural Linear · order AE-SF-SPT for the SPT version

02 SIDE 1



03 SIDE 2



04 DESIGN

-R

Rectangular

-L

L-shape

-T

T-shape

-X

X-shape

-HEX

Hexagonal

05 CCT

30/35/40

3000/3500/4000K
selectable¹

30/40/50

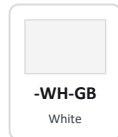
3000/4000/5000K
selectable

06 CONTROL

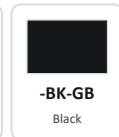
010

0-10V dimming
down to 1%

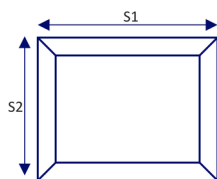
07 FINISH



-WH-GB
White

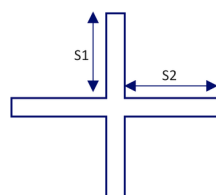


-BK-GB
Black



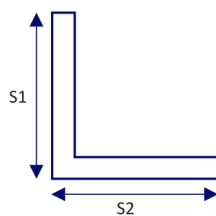
Rectangle

For a square $S1 = S2$. $S1$ and $S2 \geq 2\text{ft}$.



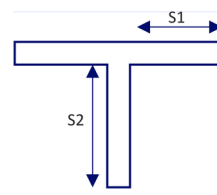
X - Shape

Symmetrical sides.



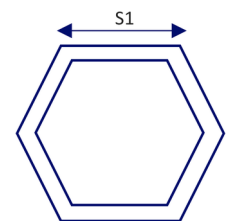
L - Shape

For equal sides $S1 = S2$.



T - Shape

Symmetrical side.



Hexagon

All sides equal to $S1 \geq 2\text{ft}$.

Custom designs are only available with polycarbonate diffusers and in black or white. For more complex designs contact factory. The precise dimensions are provided by the factory on request — see the Dimensions pages.

Ordering Notes & Lumen Output

Ordering notes

-GB is required for suspended and recessed fixtures and is not used with the wall mount bracket. The power cord applies to suspended fixtures only. Type A, B and C apply to the recessed T-grid only. Distribution applies to the SPT family only. For standard distribution, G5 is 100% down and SPT is 70% down and 30% up. 50D50U and 100U are only available for 4 and 8ft, and for black and white finish fixtures. Default CCT is 3500K, changeable on request before shipping. LDE1 is a Lutron Hi-lume EcoSystem driver with Soft-on and needs colour selection. EMBB is 120-277V only, standard power 15W. Gun powder is 4, 6 and 8ft only; maple 4 and 8ft only. Prime, prime shadow, drop lens, wall wash and louver lens are black and white only; drop lens is 2, 4, 6 and 8ft only. Wall-wash option (-WW) not available with custom finish (RALXXXX). Continuous lengths use _____C, in 1ft increments for G5 and 2ft for SPT. For a T-grid ceiling add the TBS or TBC clip kit.

Caution: where several fixtures share one 0-10V dimming line, a 0-10V controller must be used for consistent dimming; a single switch is not recommended for controlling multiple fixtures simultaneously. Maximum of 300W per electrical drop.

Lumen output

Efficacy 110lm/W · 1100lm/ft.

Direct

LENGTH	OUTPUT POWER
2ft	15W 1650lm
	20W 2200lm
3ft	30W 3300lm
4ft	30W 3300lm
	40W 4400lm
5ft	35W 3850lm
	50W 5500lm
6ft	35W 3850lm
	50W 5500lm
	60W 6600lm
8ft	60W 6600lm
	80W 8800lm

Indirect

LENGTH	OUTPUT POWER
2ft	15W 1650lm
	20W 2200lm
3ft	30W 3300lm
4ft	30W 3300lm
	40W 4400lm
5ft	35W 3850lm
	50W 5500lm
6ft	35W 3850lm
	50W 5500lm
	60W 6600lm
8ft	60W 6600lm
	80W 8800lm

Direct / Indirect

LENGTH	TOTAL	DIRECT	INDIRECT
2ft	20W 2500lm	14W 1750lm	6W 750lm
	30W 3750lm	21W 2625lm	9W 1125lm
3ft	30W 3750lm	21W 2625lm	9W 1125lm
	40W 5000lm	28W 3500lm	12W 1500lm
4ft	30W 3750lm	21W 2625lm	9W 1125lm
	40W 5000lm	28W 3500lm	12W 1500lm
	50W 6250lm	35W 4375lm	15W 1875lm

LENGTH	TOTAL	DIRECT	INDIRECT
5ft	50W 6250lm	35W 4375lm	15W 1875lm
	60W 7500lm	42W 5250lm	18W 2250lm
6ft	50W 6250lm	35W 4375lm	15W 1875lm
	60W 7500lm	42W 5250lm	18W 2250lm
8ft	75W 10000lm	56W 7000lm	24W 3000lm
	60W 7500lm	42W 5250lm	18W 2250lm
	80W 10000lm	56W 7000lm	24W 3000lm
	100W 12500lm	70W 8750lm	30W 3750lm

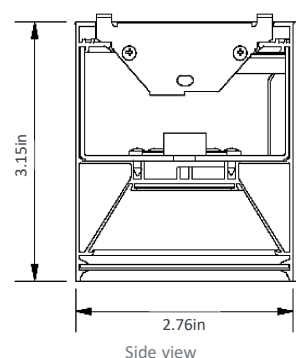
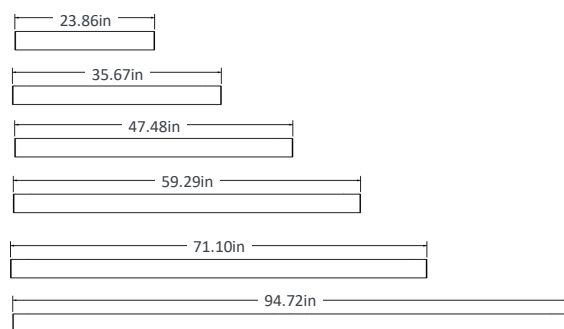
DLC Qualified Models

DLC qualified models — G5

DLC	PRODUCT ID	MODEL NUMBER	CATEGORY	CLASS
5.1	S-JTCRUD	AE-SF-G5CA22030-35-40010YY-GB	Indoor	Standard
5.1	S-ACNDT2	AE-SF-G5CA44030-35-40010YY-GB	Indoor	Standard
5.1	S-09HDJM	AE-SF-G5CA87030-35-40010YY-GB	Indoor	Standard
5.1	S-CQB53J	AE-SF-SPTCA23030-35-40010YY-GB	Indoor	Standard
5.1	S-OTKXJP	AE-SF-SPTCA45030-35-40010YY-GB	Indoor	Standard
5.1	S-IZ25K3	AE-SF-SPTCA810030-35-40010YY-GB	Indoor	Standard

Design Lights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified — check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Dimensions - Fixture

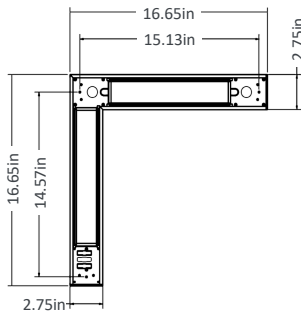


SIZE	LENGTH	WIDTH	HEIGHT
2ft	23.86in	2.76in	3.15in
3ft	35.67in	2.76in	3.15in
4ft	47.48in	2.76in	3.15in
5ft	59.29in	2.76in	3.15in
6ft	71.10in	2.76in	3.15in
8ft	94.72in	2.76in	3.15in

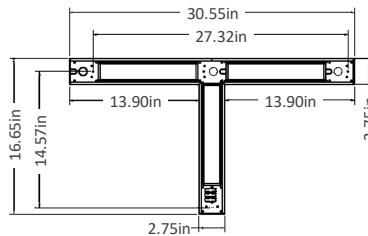
Lengths are the overall fixture length including end caps. All dimensions in inches. [Install Instruction G5 RECESSED T-GRID](#) · [Install Instruction G5 WALL MOUNT](#) · [Install Instruction SPT](#)

Dimensions - Fixture (continued)

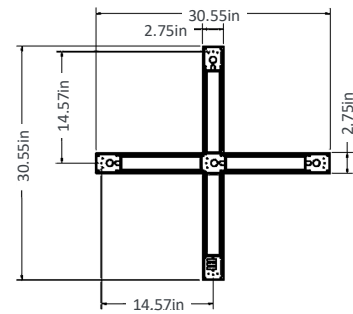
Custom shapes



AE-SF-G5CA-L L-shape



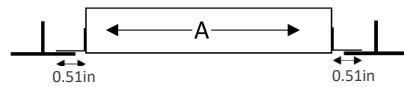
AE-SF-G5CA-T T-shape



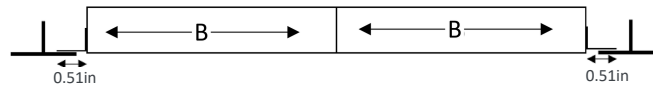
AE-SF-G5CA-X X-shape

Custom shape drawings are dimensioned in inches.

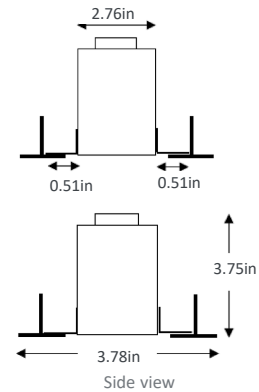
Dimensions - Recessed T-Grid



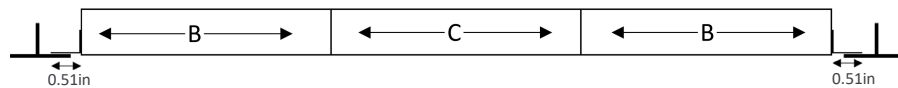
Stand-alone — A



Starter / ender — B + B



Side view



Middle — B + C + B

Ceiling opening

LENGTH	A	B	C
2ft	22.75in	23.38in	23.82in
4ft	46.73in	47.36in	47.80in
5ft	58.74in	59.37in	59.77in
6ft	70.67in	71.30in	71.69in
8ft	94.72in	95.31in	95.79in

The fixture body is 2.76in wide and 3.75in high above the grid; the T-grid flange overlap is 0.51in on each side.

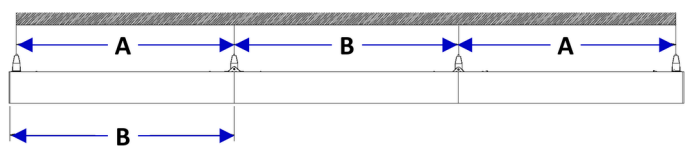
Drilling Patterns

Suspended — stand alone



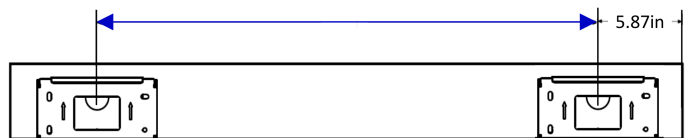
SIZE	SPACING
2ft	22.2 ± 0.10
3ft	34.02 ± 0.10
4ft	45.75 ± 0.10
5ft	57.64 ± 0.10
6ft	69.45 ± 0.10
8ft	93.07 ± 0.10

Suspended — continuous run



SIZE	A	B
2ft	22.90 ± 0.10	23.62 ± 0.10
3ft	34.64 ± 0.10	35.36 ± 0.10
4ft	46.45 ± 0.10	47.17 ± 0.10
5ft	58.26 ± 0.10	58.98 ± 0.10
6ft	70.15 ± 0.10	70.87 ± 0.10
8ft	93.77 ± 0.10	94.49 ± 0.10

Wall mount



SIZE	SPACING
2ft	12in
3ft	23.9in
4ft	35.5in
5ft	47.6in
6ft	59in
8ft	82.6in

Bracket centre 5.87in from each end.

Accessories - Lit Joiners

Available for suspended fixtures. Order code: AE-SF-SPT/G5 + shape + CCT + finish, e.g. AE-SF-G5-X-30/35/40-LJ-KIT-WH.

Shape

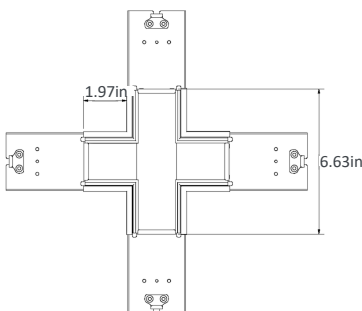
-V	V-jointer
-X	X-jointer
-T	T-jointer
-L	L-jointer
-Y	Y-jointer

CCT

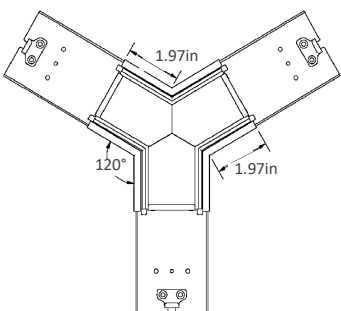
-30/35/40	3000/3500/4000K
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Finish

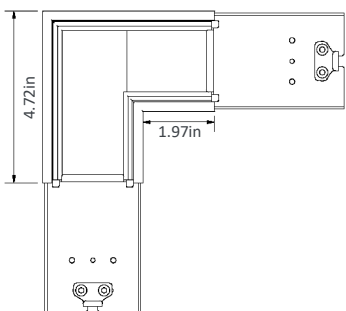
-LJ-KIT-WH	White
-LJ-KIT-BK	Black
-LJ-KIT-MA	Maple



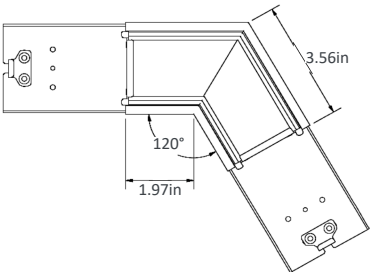
X-jointer



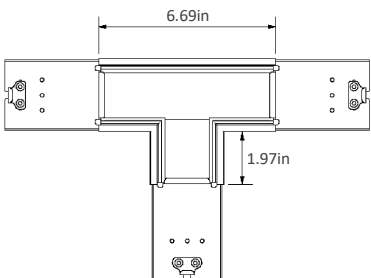
Y-jointer



L-jointer



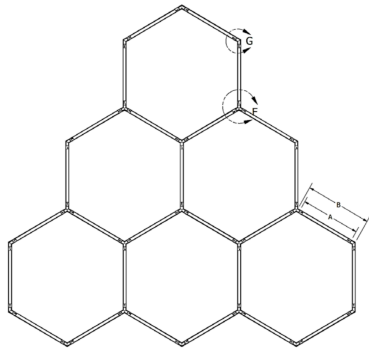
V-jointer



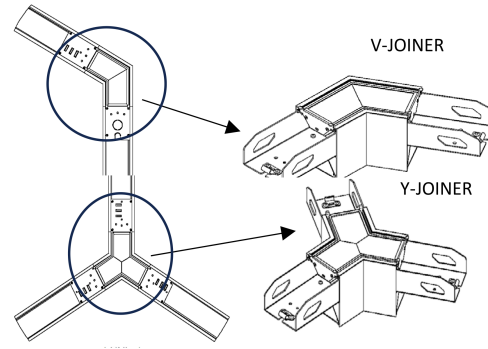
T-jointer

Accessories - Honeycomb, Wall Mount & Link

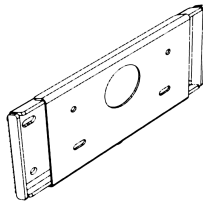
Honeycomb pattern



A honeycomb layout is built from V-joiners and Y-joiners.



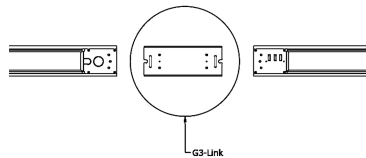
Wall mount kit



AE-SF-WMB-WH

Wall mount kit

White wall mount kit for linear fixture installation on walls. Black: AE-SF-WMB-BK.



AE-SF-LINK-G3

G3-Link

Seamless mechanical connection for continuous runs, preventing light leakage, with easy installation.

Accessories - Suspension

Ordered separately if needed.

Power cord



AE-SF-PWRCORD-WH

8ft cord · 120-277V

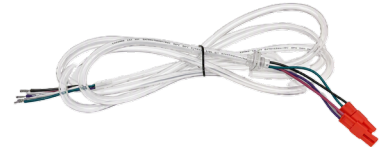
White or black. Black: AE-SF-PWRCORD-BK.
18ft: AE-SF-PWRCORD-WH-18FT / AE-SF-PWRCORD-BK-18FT.



AE-SF-PWRCORD-BK

Black cord

Same cord in black.



AE-SF-PWRCORD-HV-WH

8ft cord · 120-347V

White, black or clear: -HV-WH / -HV-BK / -CLR.
18ft versions add -18FT.

Accessories - Suspension (continued)

Canopy



AE-SF-CANOPY-WH-ELITE

5in canopy, 2 per set

White, black or maple, 0.3in thick. One dual hole for power cord and aircraft cable, one single hole for aircraft cable.

Black: AE-SF-CANOPY-BK-ELITE

Maple: AE-SF-CANOPY-MA-ELITE

Aircraft cable



AE-SF-G5/SPT-WIRE-8FT

8ft aircraft cable

2 pieces per set, 1 set per fixture.

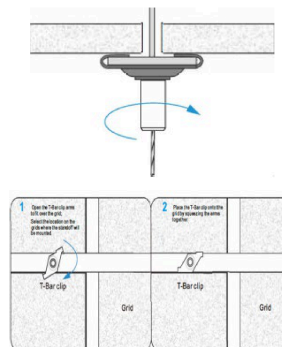
18ft: AE-SF-G5/SPT-WIRE-18FT

Accessories - T-Bar Pendant

Ordered separately if needed.

AE-SF-T-CLIP-TBC-KIT — T-bar clip

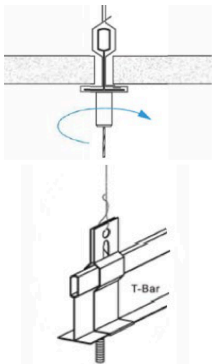
Used to suspend the fixture securely from a T-bar ceiling grid. Installed by rotating the clip on the grid. The kit includes the T-bar clip and T-bar holder, 2 pcs.



Accessories - T-Bar Pendant (continued)

AE-SF-T-CLIP-TBS-KIT — T-bar suspension clip

Used to suspend the fixture securely from a T-bar ceiling grid. Installed by clamping the clip on the grid. The kit includes the T-bar suspended clip and T-bar holder, 2 pcs.



Accessories - Acoustic Housing

SILENCIO Series acoustic housing for ERALUX architectural linears. Advanced sound-absorbing panels fixed to the linear housing with adhesive, for offices, conference rooms and open-plan areas. Ordered separately; only available for suspended linears. See the Silencio Housing spec sheet for more information.

Technical specifications

Material	100% polyester fiber
Noise reduction (NRC)	0.80
Flame spread index	15
Smoke developed index	40
ASTM E84 fire rating	Class A



Ordering code

AE-SIL	Family	-2FT	2ft	-TIL	Tilapia
		-4FT	4ft	-BBQ	BBQ Sauce
		-5FT	5ft	-SOY	Soya Sauce
		-6FT	6ft	-G5CASE	G5 / SPT case
		-8FT	8ft		



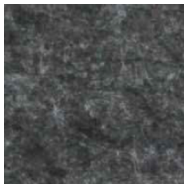
Tilapia

#8E8C8C



BBQ Sauce

#CB4147

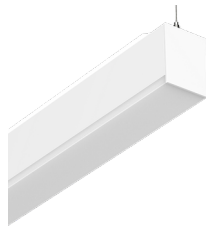


Soya Sauce

#454545

Only the colours shown above are offered for the G5 / SPT acoustic housing. ASTM E84 Class A is the highest flame inhibition class.

Lens Options



AE-SF-G5/SPT-DROP LENS-0.5 INCH-XFT-WH

Drop lens

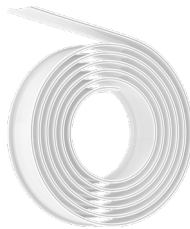
Highly durable frosted polycarbonate lens with glowing sides and crisp corners visible at a distance, giving a 3D look and a wider spread. X = 2, 4, 6 or 8. Available in 2, 4, 6 and 8ft. 23% less lumens. 0.5in thick.
Black: AE-SF-G5/SPT-DROP LENS-0.5 INCH-XFT-BK



AE-SF-G5/SPT-XFT-WW-KIT-WH

Wall wash lens

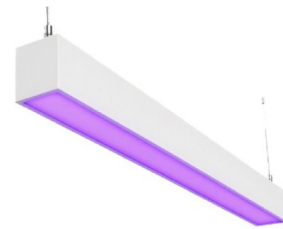
Wall washing positions the luminaire at least 12in from the wall to smooth the wall by eliminating shadows or to highlight it. Black: -BK. X = 2, 4, 5, 6 or 8. Available in 2, 4, 5, 6 and 8ft.



AE-SF-G5/SPT-LENS-C-33FT

Continuous lens

An unbroken linear profile for seamless illumination and a clean, minimalist visual texture. Available in continuous seamless runs up to 33ft.



Contact factory

Purple LED

A distinctive coloured light output while keeping the fixture's sleek linear profile. Contact factory for more details.

Louvers



-P

Prime lens

Parabolic silver louver with outstanding light shielding and a crisp visual texture. Parabolic blades and side reflectors direct light, enhancing brightness and efficiency. Sizes 2, 4, 5, 6 and 8ft. ~90lm/W, UGR 13.9 - 15.7.



-PS

Prime shadow lens

Parabolic black louver with outstanding light shielding. The black blades and side reflectors reduce glare by absorbing more light, for a dramatic or industrial aesthetic. Sizes 2, 4, 5, 6 and 8ft. ~55lm/W, UGR 18.3 - 20.4.



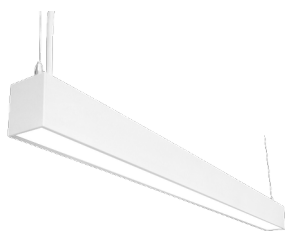
-LV

Louver lens

A structured grid of flat angled blades for efficient glare control and direct downward illumination. The multi-cell baffle cuts off direct sightlines at high viewing angles. Sizes 2, 4, 5, 6 and 8ft. ~83lm/W, UGR 19.1 - 26.27.

Order the louvers with the fixture using the Diffuser step of the ordering guide.

Features & Emergency Driver



Suspended



Recessed T-grid



Wall mount

Innovative design

Extruded aluminum housing for better heat dissipation.
Highly durable polycarbonate and high transmittance lens.

Features

1% dimming option.
Lutron Hi-lume EcoSystem driver with Soft-on.

Custom design

Continuous lens; increment of 2ft.
L, T, X & rectangular shapes.
Honeycomb design using lit joiners.

Diffusers

Polycarbonate lens.
Wall-wash lens.
0.5in drop lens.
Black/silver parabolic louver.

Multiple options

Six standard lengths available: 2, 3, 4, 5, 6 & 8ft.
CCT switchable and power switchable.
Purple LED.
Black, white, silver, gun powder and maple finishes.
EMBB and motion sensor.

Mountings available

Suspended.
Wall mount.
Recessed T-grid.

Emergency LED driver — BLD-YT08D-XXX · BLD-YT15D-XXX



The BLD-YTXXD-XXX series LED emergency driver is UL listed for field and factory installations. It switches to emergency mode during power failures, providing up to 90min of lighting. With an integrated battery, charger and converter it delivers 8W or 15W constant power at 30-60V DC. For 8ft fixtures the EMBB powers a 4ft portion only.

Input voltage	30-60V DC
Power frequency	50/60Hz
Output voltage	30-60V DC
Output power	8W 15W
Ambient temp.	0°C to 50°C · 30°F to 122°F
Installation	Integrated

Controls - Motion Sensor

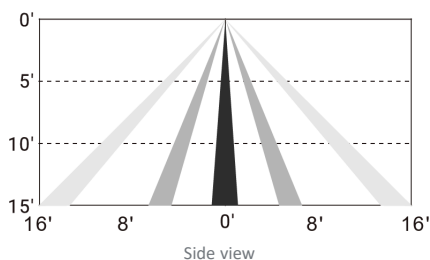
Passive infrared motion sensor. Order code G5/SPT-MS + CCT + length + finish, e.g. G5/SPT-MS-30/35/40-4FT/8FT-WH. Lengths -2FT, -4FT/8FT or -6FT; finish - WH or -BK.



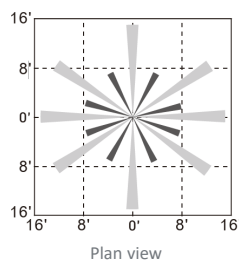
There may be interference with the sensor beyond our control which could stop it functioning optimally. One sensor can control up to 10 drivers.

Input voltage	12V DC
Sinking current	10mA max
IP rating	IP20
Detection range	32ft
Mounting height	15ft max
Operating temp.	-30°F to 131°F · -30°C to 55°C
Sensor	Passive infrared (PIR) photocell

Zone coverage



Side view



Plan view



AE-SF-JB-MOTIONSENSOR-RMT

RM51 remote control parameters

Default mode	Motion → 100%, no motion ≥ 5min → dim to 30%, no motion ≥ 60min → off
DIM+ / DIM-	Control the dimming of the fixture
Trim level	Set the maximum threshold at 50%, 75% or 100%
Sensitivity	OFF (PIR off, enter PC on/off function) / LOW 50% / HIGH 100%
Hold time	Time of no occupancy before standby: 30s / 5min / 15min / 30min
Standby dim	0% / 10% / 30% / 50%
Standby time	10s / 5min / 15min / 30min / 1h / ∞ (daylight sensor controls)
Photocell	LOW (1Fc) / HIGH (50Fc) / CAL (collects the current lux level) ON

Photometric Data

Lumen Estimate Adjustment Factors

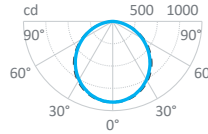
3000K × **0.94** 3500K × **0.97** 4000K × **1** 5000K × **1.03**

Lumen output varies based on CCT and CRI; multiply by the factor for the CCT ordered.

AE-SF-G5CA220

2ft · 20W · 4000K

		ZONE	LUMENS	% FIXTURE
		0-20°	332.65	12.62
Wattage	19.8W	0-30°	707.07	26.82
CCT	4000K	0-40°	1159.05	43.97
Distribution	120°	0-60°	2055.13	77.97
Length	2ft	0-80°	2577.99	97.80
		0-90°	2634.11	99.93

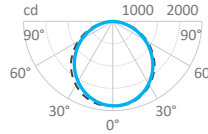


DISTANCE	CENTER Fc	BEAM WIDTH
1.7ft	313	4.9ft 5.2ft
3.3ft	83.0	9.5ft 10.1ft
5.0ft	36.2	14.4ft 15.3ft
6.7ft	20.1	19.2ft 20.5ft
8.3ft	13.1	23.8ft 25.3ft
10.0ft	9.04	28.7ft 30.5ft
Vert. spread		110.3°
Horiz. spread		113.5°

AE-SF-G5CA440

4ft · 40W · 4000K

		ZONE	LUMENS	% FIXTURE
		0-20°	699.20	12.30
Wattage	41.8W	0-30°	1489.91	26.21
CCT	4000K	0-40°	2448.29	43.08
Distribution	120°	0-60°	4368.19	76.86
Length	4ft	0-80°	5530.17	97.30
		0-90°	5678.02	99.90

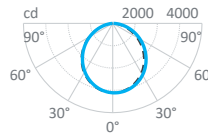


DISTANCE	CENTER Fc	BEAM WIDTH
1.7ft	655	4.9ft 5.5ft
3.3ft	174	9.6ft 10.6ft
5.0ft	75.7	14.6ft 16.1ft
6.7ft	42.1	19.5ft 21.5ft
8.3ft	27.5	24.2ft 26.7ft
10.0ft	18.9	29.1ft 32.1ft
Vert. spread		111.0°
Horiz. spread		116.2°

AE-SF-G5CA880

8ft · 80W · 4000K

		ZONE	LUMENS	% FIXTURE
		0-20°	1133.11	13.00
Wattage	64.6W	0-30°	2394.87	27.48
CCT	4000K	0-40°	3899.66	44.75
Distribution	120°	0-60°	6810.13	78.15
Length	8ft	0-80°	8408.48	96.49
		0-90°	8546.09	98.07

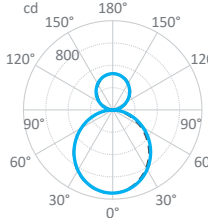


DISTANCE	CENTER Fc	BEAM WIDTH
1.7ft	1076	4.8ft 4.6ft
3.3ft	286	9.3ft 8.9ft
5.0ft	124	14.1ft 13.5ft
6.7ft	69.3	18.9ft 18.1ft
8.3ft	45.1	23.4ft 22.4ft
10.0ft	31.1	28.2ft 27.0ft
Vert. spread		109.4°
Horiz. spread		107.0°

AE-SF-SPTCA225

2ft · 25W · 4000K

		ZONE	LUMENS	% FIXTURE
		0-20°	271.08	9.10
Wattage	24.9W	0-40°	932.14	31.28
CCT	4000K	0-60°	1631.18	54.73
Distribution	120°	0-80°	2025.97	67.98
Length	2ft	0-90°	2062.17	69.19
		0-180°	2980.24	100.00



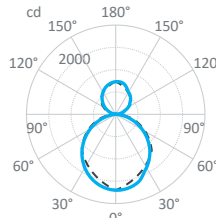
DISTANCE	CENTER Fc	BEAM WIDTH
1.7ft	258	4.9ft 4.7ft
3.3ft	68.4	9.5ft 9.1ft
5.0ft	29.8	14.4ft 13.7ft
6.7ft	16.6	19.3ft 18.4ft
8.3ft	10.8	23.9ft 22.8ft
10.0ft	7.45	28.8ft 27.5ft
Vert. spread		110.5°
Horiz. spread		107.9°

Photometric Data

AE-SF-SPTCA450

4ft • 50W • 3500K

	ZONE	LUMENS	% FIXTURE
	0-20°	589.19	9.24
Wattage	49.3W	0-40°	1982.42
		31.10	
CCT	3500K	0-60°	3488.91
		54.74	
Distribution	120°	0-80°	4370.79
		68.57	
Length	4ft	0-90°	4480.15
		70.29	
	0-180°	6374.12	100.00

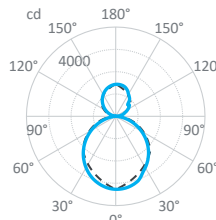


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	588	4.6ft	4.9ft
3.3ft	156	8.9ft	9.6ft
5.0ft	68.0	13.5ft	14.5ft
6.7ft	37.9	18.1ft	19.5ft
8.3ft	24.7	22.4ft	24.1ft
10.0ft	17.0	27.0ft	29.1ft
Vert. spread		107.0°	
Horiz. spread		111.0°	

AE-SF-SPTCA8100

8ft • 100W • 4000K

	ZONE	LUMENS	% FIXTURE
	0-20°	1133.36	9.20
Wattage	100.2W	0-40°	3812.92
		30.96	
CCT	4000K	0-60°	6710.69
		54.49	
Distribution	120°	0-80°	8408.42
		68.28	
Length	8ft	0-90°	8618.89
		69.99	
	0-180°	12315.19	100.00

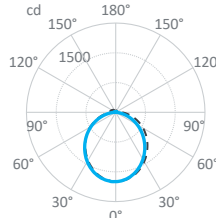


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	1131	4.6ft	5.0ft
3.3ft	300	8.9ft	9.6ft
5.0ft	131	13.5ft	14.6ft
6.7ft	72.8	18.1ft	19.5ft
8.3ft	47.5	22.4ft	24.2ft
10.0ft	32.7	27.0ft	29.1ft
Vert. spread		107.0°	
Horiz. spread		111.1°	

AE-SF-G5CA440-DL

4ft • drop lens • 4000K

	ZONE	LUMENS	% FIXTURE
	0-20°	420.44	11.88
Wattage	39.5W	0-40°	1428.33
		40.36	
CCT	4000K	0-60°	2493.79
		70.47	
Distribution	120°	0-80°	3149.96
		89.01	
Length	4ft	0-90°	3267.08
		92.32	
	0-180°	3538.87	100.00

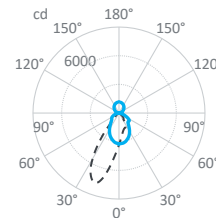


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	403	4.4ft	4.9ft
3.3ft	107	8.5ft	9.5ft
5.0ft	46.6	12.9ft	14.5ft
6.7ft	25.9	17.3ft	19.4ft
8.3ft	16.9	21.4ft	24.0ft
10.0ft	11.6	25.8ft	28.9ft
Vert. spread		104.4°	
Horiz. spread		110.7°	

AE-SF-G5CA450-WW

5ft • wall wash • 4000K

	ZONE	LUMENS	% FIXTURE
	0-20°	932.00	13.41
Wattage	51.4W	0-40°	3457.31
		49.76	
CCT	4000K	0-60°	4537.33
		65.30	
Distribution	120°	0-80°	4827.65
		69.48	
Length	5ft	0-90°	4850.85
		69.81	
	0-180°	6948.36	100.00



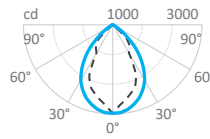
DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	751	2.5ft	0.9ft
3.3ft	199	4.9ft	1.8ft
5.0ft	86.8	7.4ft	2.8ft
6.7ft	48.4	10.0ft	3.7ft
8.3ft	31.5	12.4ft	4.6ft
10.0ft	21.7	14.9ft	5.6ft
Vert. spread		73.4°	
Horiz. spread		31.0°	

Photometric Data

AE-SF-G5CA440-P

4ft • prime • 4000K

		ZONE	LUMENS	% FIXTURE
		0-20°	967.59	27.65
Wattage	38.4W	0-30°	1905.45	54.44
CCT	4000K	0-40°	2736.19	78.18
Distribution	120°	0-60°	3454.72	98.71
Length	4ft	0-80°	3483.38	99.53
		0-90°	3485.56	99.59

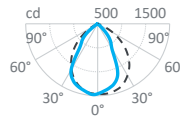


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	1028	2.8ft	1.8ft
3.3ft	273	5.4ft	3.4ft
5.0ft	119	8.2ft	5.2ft
6.7ft	66.2	11.0ft	6.9ft
8.3ft	43.1	13.7ft	8.6ft
10.0ft	29.7	16.5ft	10.4ft
Vert. spread		78.9°	
Horiz. spread		54.8°	

AE-SF-G5CA440-PS

4ft • prime shadow • 4000K

		ZONE	LUMENS	% FIXTURE
		0-20°	523.96	23.43
Wattage	40.4W	0-30°	1069.19	47.81
CCT	4000K	0-40°	1601.34	71.61
Distribution	120°	0-60°	2178.89	97.43
Length	4ft	0-80°	2230.17	99.73
		0-90°	2231.00	99.77

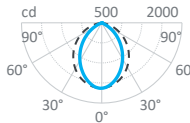


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	505	2.0ft	3.5ft
3.3ft	134	4.0ft	6.8ft
5.0ft	58.4	6.0ft	10.3ft
6.7ft	32.5	8.1ft	13.7ft
8.3ft	21.2	10.0ft	17.0ft
10.0ft	14.6	12.1ft	20.5ft
Vert. spread		62.2°	
Horiz. spread		91.4°	

AE-SF-G5CA440-LV

4ft • louver lens • 3500K

		ZONE	LUMENS	% FIXTURE
		0-20°	569.29	18.16
Wattage	38.3W	0-30°	1157.88	36.93
CCT	3500K	0-40°	1803.07	57.51
Distribution	120°	0-60°	2827.69	90.19
Length	4ft	0-80°	3123.06	99.61
		0-90°	3130.91	99.86



DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	564	2.7ft	4.2ft
3.3ft	150	5.3ft	8.1ft
5.0ft	65.2	8.0ft	12.2ft
6.7ft	36.3	10.7ft	16.4ft
8.3ft	23.6	13.2ft	20.3ft
10.0ft	16.3	15.9ft	24.4ft
Vert. spread		77.1°	
Horiz. spread		101.3°	

Sensor & Dimming

Bluetooth Sensors ARIA PLUS · BLE

Fixture-integrated sensors

Product	Detection type	Detection range	Bluetooth range	Dimming protocol	Installation
 IFS108 Low bay · indoor	PIR	40ft	100ft	0-10V Dimming	Integrated into fixture

Non-Bluetooth Sensors set up by IR remote

Product	Detection type	Detection range	Set-up	Dimming protocol	Installation
 Detecta AE-CT-DT806	PIR Microphonics	9.8–32.75ft	IR remote	On/Off	Ceiling · no power pack
Remote control RC102					

Please refer to spec sheet for exact specifications for all items above.

Dimmer List

Dimmer Compatibility — 0-10V dimming, G5

LEVITON	IP710-LFZ · DS710
LUTRON	DVS7V-WH · MS-Z101
LEGRAND	RH4FBL3PTC
EATON	WBSD-010SLD
HUBBLE	LHDIRS3N

Compatibility verified by Eralux at time of publication. For dimmers not listed, contact the factory.