



SPINEL TUNABLE

LINEAR FIXTURES

Linear architectural lighting



The SPINEL series light features a 30% up-light and a 70% downlight, ideal for office space to ensure a uniformly lit working space. These fixtures can be mounted in a continuous row seamlessly. The SPINEL also features the selectable CCT capabilities enabling the end user to set up their environment to the right ambiance.

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 105 LPW at 80CRI, 4000K

Power 50, 80, 100W

Distribution Lambertian 30% up-light, 70% downlight

MECHANICAL & HOUSING

Housing Extruded aluminum for increased rigidity and strength

Lens Highly durable 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.

Power Supply

driver

Factory wired electronic LED

LED Board

Discrete LED

APPLICATION CONDITION

Ambient temperature range -10 to 40°C

COMPATIBLE MOUNTING

Mounting Suspended, 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 – See next page for additional accessories

EXAMPLE: AE-SF-SPTCA45030/35/40010WH-GB

AE-SF-SPT	CA	4	50	30/35/40	010	WH-GB	
FIXTURE FAMILY	VOLTAGE	LENGTH	POWER	CCT	CONTROLS	FINISH	DIMMING
AE-SF-SPT Aeralux Spinel Selectable linear architectural fixture	CA 120-347Vac input voltage	4 4 feet length	50 50 watts: 5250 lumens 30% up-light, 70% downlight	30/35/40 3000/3500/ 4000K selectable CCT	010 0-10V external dimming	WH-GB Aeralux Nebula White	[LEAVE BLANK] None
		6 6 feet length	80 80 watts: 8400 lumens 30% up-light, 70% downlight				BK-GB Aeralux Atomic Black
		8 8 feet length	100 100 watts: 10500 lumens 30% up-light, 70% downlight	30/40/50 3000/4000/ 5000K selectable CCT		SV-GB Silver – RAL7044	-LDE1 Lutron Hi-lume 1% EcoSystem driver with Soft-on, Fade- to-Black dimming technology down to 1%

2x 6FT suspension cables included with fixture purchase

*EMBB option available in 120-277V only



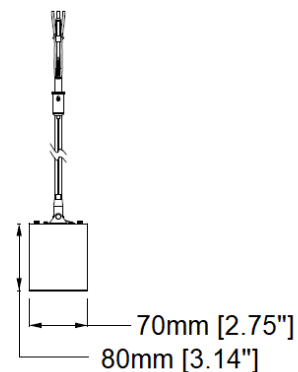
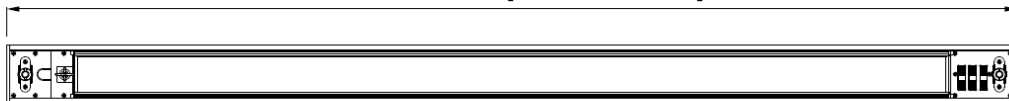
-PCUV-CP4	
ACCESSORIES	
BLANK	
-PCUV	- Power cord – 120-277V
-PCUV-CP4	- Power cord – 120-277V with 4-inch Canopy
-PCUV-CP5	- Power cord – 120-277V with 5-inch Canopy
-PCHV	- Power cord – 120-347V
-PCHV-CP4	- Power cord – 120-347V with 4-inch Canopy
-PCHV-CP5	- Power cord – 120-347V with 5-inch Canopy

POWER SWITCHABLE OPTIONS

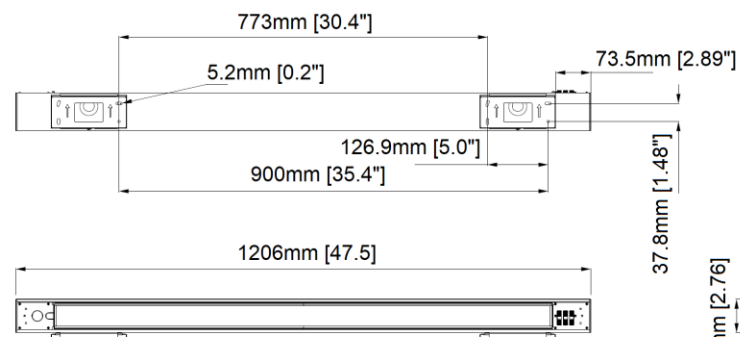
2FT	Avg 100-110 LPW	20/30 watts switchable	20W– 2200 lms	6W up-light, 14W downlight
			30W- 3300 lms	9W up-light, 21 downlight
4FT		30/40/50 watts switchable	30W – 3300 lms	9W up-light, 21W downlight
			40W - 4400 lms	12W up-light, 28W downlight
			50W - 5500 lms	15W up-light, 35W downlight
6FT		50/60/70 watts switchable	50W - 5500 lms	15W up-light, 35W downlight
			60W - 6600 lms	18W up-light, 42W downlight
			80W - 8800 lms	24W up-light, 56W downlight
8FT		60/80/100 watts switchable	60W - 6600 lms	18W up-light, 42W downlight
			80W - 8800 lms	24W up-light, 56W downlight
			100W - 11000 lms	30W up-light, 70W downlight

PRODUCT DIMENSIONS - SUSPENDED

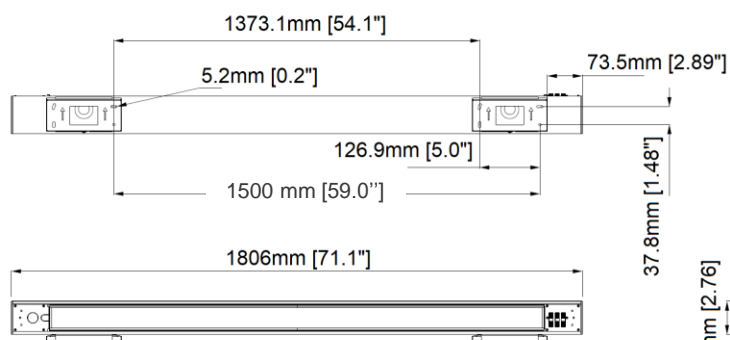
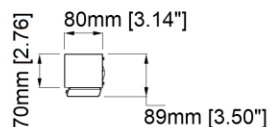
1206/1806/2406mm [47.5/71.1/94.7"]



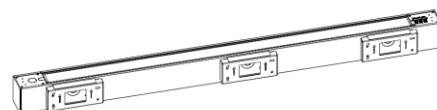
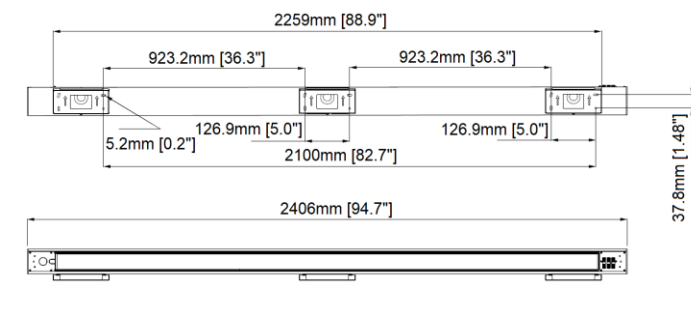
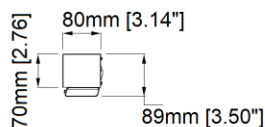
PRODUCT DIMENSIONS – WALL MOUNT



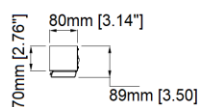
4 ft



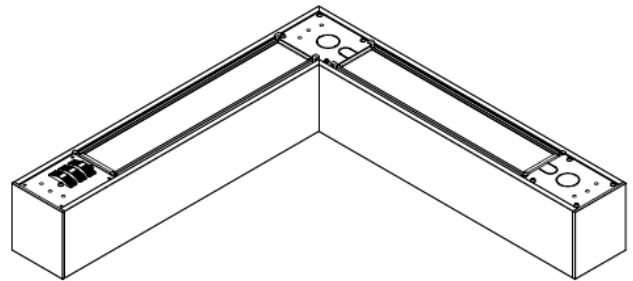
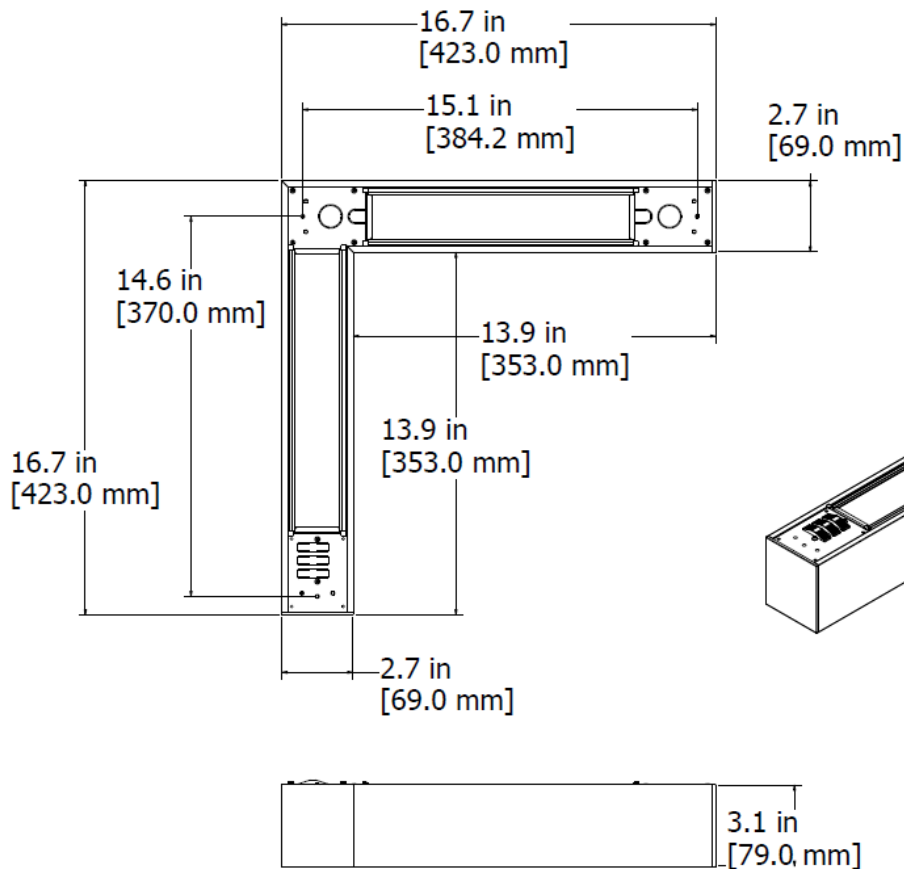
6 ft



8 ft

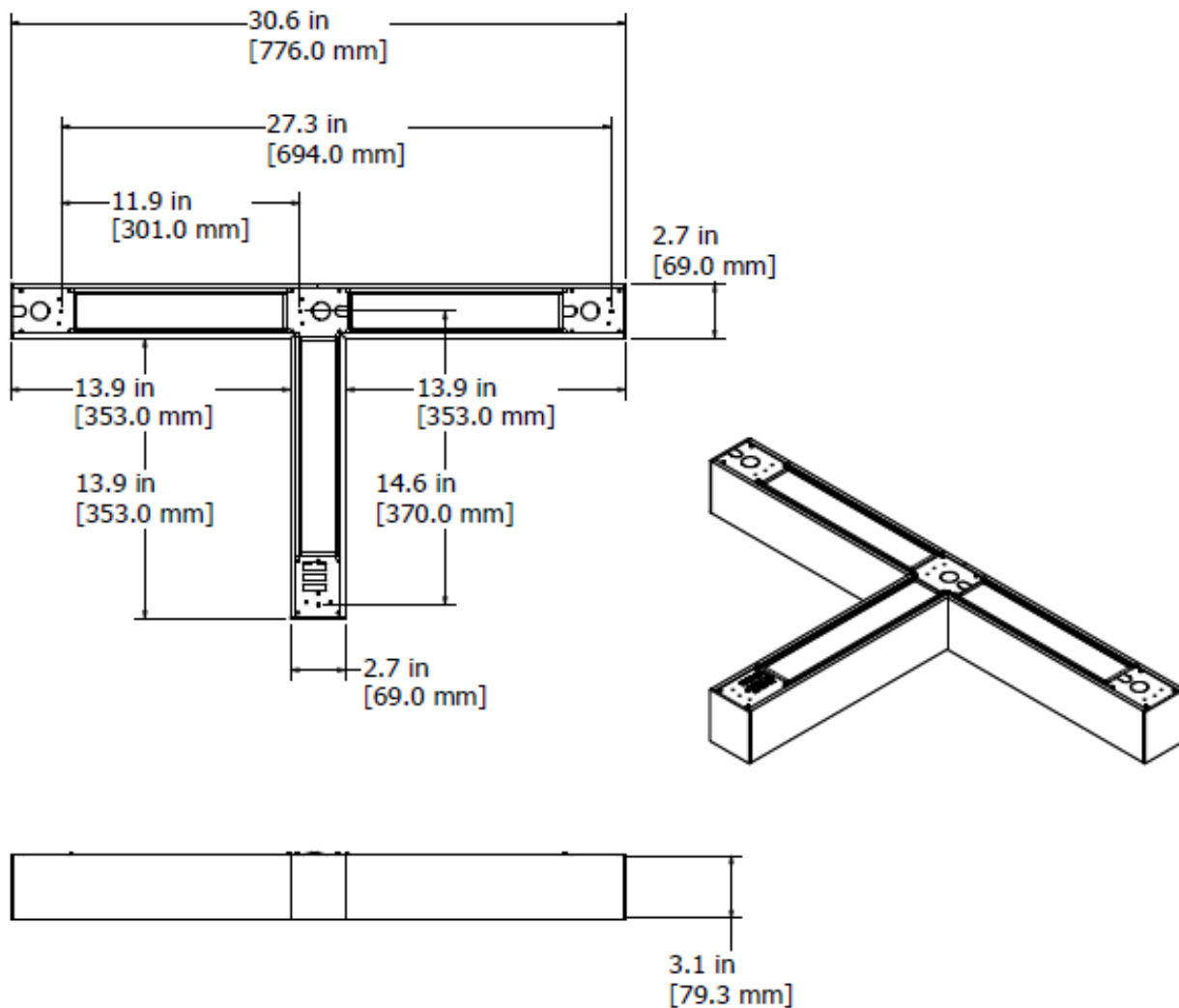


PRODUCT DIMENSIONS – L SHAPE

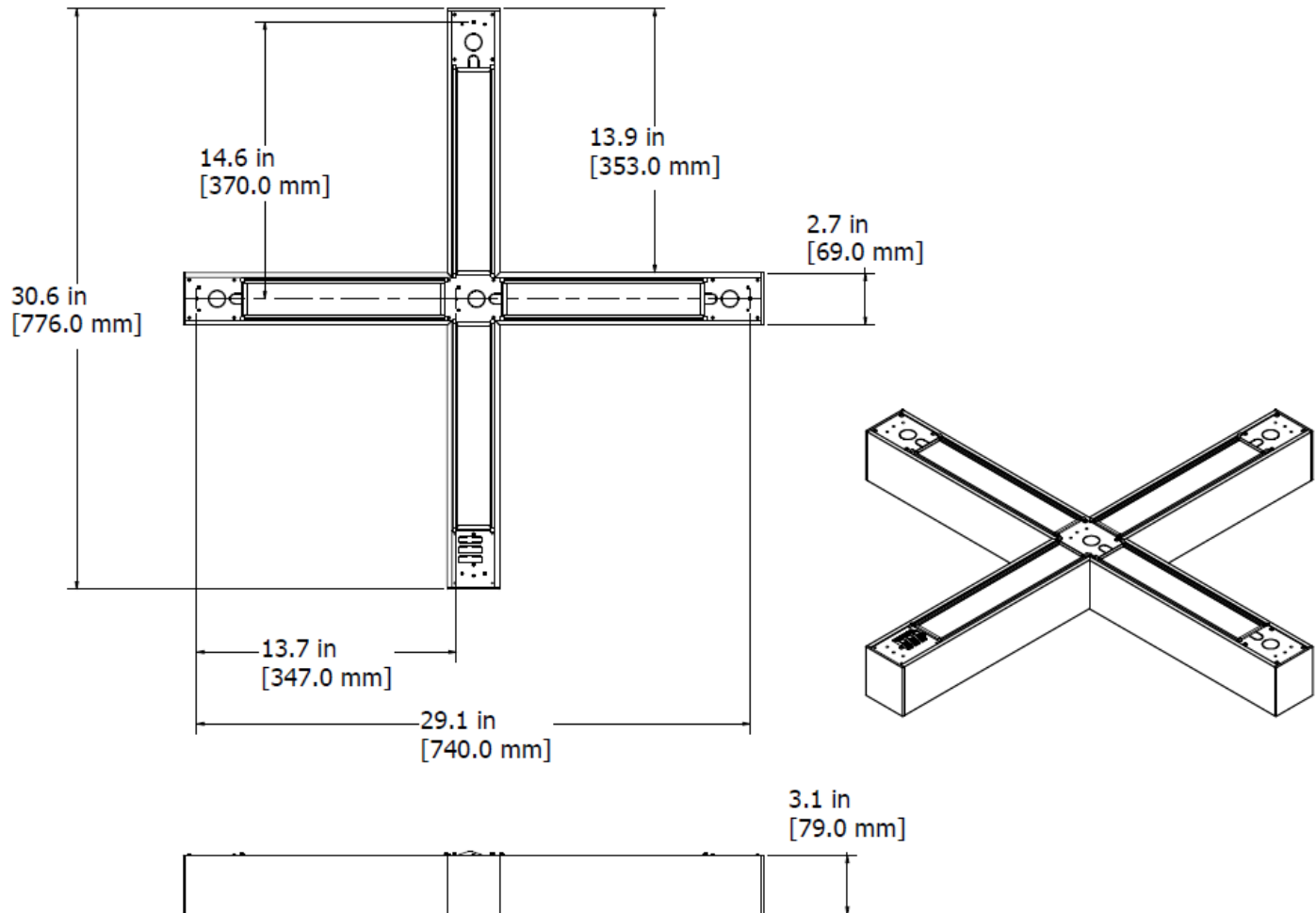


SPINEL TUNABLE LINEAR FIXTURES

PRODUCT DIMENSIONS – T SHAPE



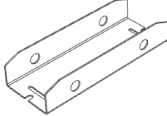
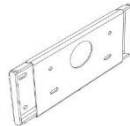




PRODUCT DIMENSIONS – X SHAPE



ACCESSORIES

Ordered separately, field installed

Part Number	Description	Picture
AE-SF-CANOPY-WH-4IN AE-SF-CANOPY-BK-4IN	Canopy Cover kit: 4" diameter - for suspension without power cords – 2 pieces White or Black	
AE-SF-CANOPY-WH-5IN AE-SF-CANOPY-BK-5IN	Canopy Cover kit: 5" diameter - for suspension without power cords – 2 pieces White or Black	
AE-SF-LINK-G2	Linkable Metal Accessory – 1pc	
AE-SF-WMB-WH AE-SF-WMB-BK	Wall mount kit – 2 pieces	
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	

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:

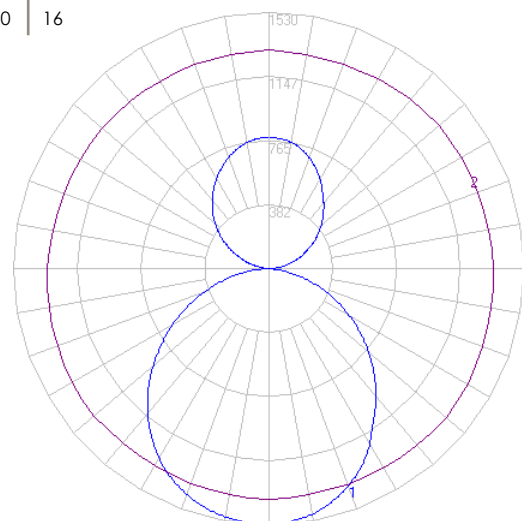
Lumen estimate adjustment factors				
CCT	2700K	3000K	3500K	4000K
NORMAL (80CRI)	0.91	0.94	0.97	1

PHOTOMETRIC DATA

AE-SF-SPTUV450N30/35/40WWH (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%											
Room Cavity Ratio	0	111	111	111	111	105	105	93	93	82	82	67
	1	101	97	93	89	91	85	81	76	72	68	56
	2	92	84	78	73	80	69	71	63	63	56	47
	3	84	74	66	60	70	58	63	53	56	48	39
	4	77	66	57	51	62	49	56	45	49	41	34
	5	71	58	50	44	55	42	50	39	44	35	29
	6	65	53	44	38	50	37	45	34	40	31	26
	7	60	47	39	33	45	32	41	30	37	27	23
	8	56	43	35	30	41	29	37	26	33	24	20
	9	52	40	32	26	38	26	34	24	31	22	18
	10	49	36	29	24	35	23	31	21	28	20	16

Zonal lumen			
Zone	Lumens	Zone	Lumens
0-10	144.49	90-100	50.43
10-20	412.05	100-110	145.56
20-30	616.36	110-120	238.35
30-40	728.88	120-130	313.76
40-50	744.24	130-140	356.35
50-60	659.11	140-150	355.99
60-70	496.87	150-160	300.76
70-80	295.22	160-170	201.92
80-90	96.89	170-180	72.32





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DIRECT AND INDIRECT LIGHT

The Spinel Series provides both uplight and downlight enhancing your project space.



CONTINUOUS MOUNTING

Seamless in both appearance and light when connected together for continuous runs.

FINISH

Aeralux anti-glare white and black colorways reduce object glare and provide an elegant finish. Both are standard finishes.

COLOR SELECTABLE

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



ACCESSORIES

4FT suspension cables come standard with fixture purchase. Multiple accessories such as canopy cover kits, and mounting bracket kits.

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