

STELLA 1.8

Slim Architectural Linear

Type:

Fixture:

DESCRIPTION

The Stella 1.8" Slim Architectural Linear represents a distinctive linear lighting series designed to elevate any space to the forefront. Its timeless, sleek design seamlessly complements contemporary decors and modern work environments. These linear luminaires effortlessly deliver broad and potent illumination to enhance any atmosphere.

APPLICATION

The contemporary elegance of our Slimline series makes it ideal for a wide range of indoor settings. The pendant light is well-suited for brightening up offices, entryways, conference rooms, retail spaces, lobbies, and various other applications. Additionally, there is an option for recessed mounting, providing an even more streamlined and refined appearance.



CONSTRUCTION

Extruded aluminum housing.

FINISH

Powder coat black, white finish. Custom RAL colors available.

OPTICS

Standard Flush Diffuser Lens. Direct/Indirect

ELECTRICAL

Class 2 high efficiency LED driver, with a standard 0-10V driver which continuous dims to 10% that works with many types of controls. Standard electronic drivers are UL recognized and available for 100-277V. Lumen maintenance is L80>50,000 hours.

MOUNTING

Pendant, Surface, Wall

*IES Files available upon request or visit vivid-forms.com

ORDERING INFORMATION

Series	Length	Output	Voltage	CCT	Dimming	Optics	Finish	Mounting	EM
SSL18 - (Stella Slim Linear 1.8")	2 - 2 FT	1020 - (10w/15w/20w) 2ft only	U - (100 -277V)	3CCTA - (30K/35K/40K)	D10 - (0-10V dimming)	DF - (Diffuser)	WH - (White) BL - (Black) CC - (Custom color)	P - (Pendant) S - (Surface) W - (Wall)	EM - Emergency Backup
	4 - 4 FT	2040 - (20w/30w/40w) 4ft only		3CCTB - (35K/40K/50K)**					
	8 - 8 FT	4080 - (40w/60w/80w) 8ft only							

Pendant Mount Options		Additional Options (Ordered Separately)	
2RC - (2 in. Round Non Power Feed)		OSM - Occ Sensor	
4RCPF - (4 in. Round Power Feed)		RDF42-18 - 42" Rolling Diffuser 2.3"	
2SC - (2 in. Square Non Power Feed)		SPJ - Straight Pattern Joiner	
4SCPF - (4 in. Square Power Feed)		TPJ - T Pattern Joiner	
		LPJ - L Pattern Joiner	
		XPJ - X Pattern Joiner	
		YPJ - Y Pattern Joiner	
		VPJ - V Pattern Joiner	
		SPJR - Straight Pattern Joiner (Recessed)	
		LPJR - L Pattern Joiner (Recessed)	

** = Made to Order. Additional cost and/or lead time on customized fixtures may apply. Some fixtures require an MOQ. Please contact your sales rep for more information.

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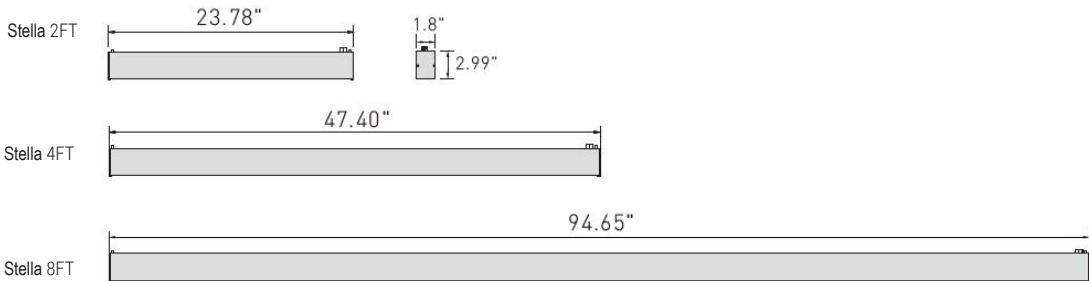
Type:

Fixture:

Note: 4.5" canopy is designed for power cable

DIMENSIONS

Product Dimension



5'
Default
Cord
Length



PERFORMANCE

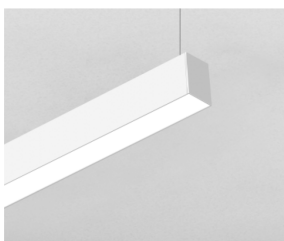
Finish	Length	Wattage Selectable	Lumen Output (25%up / 75% down)			Lumen Output(100% down)			Efficacy
			3000K	3500K	4000K	3000K	3500K	4000K	
White	2'	20W/15W/10W	1120~2240lm	1220~2440lm	1170~2340lm	1050~2100lm	1150~2300lm	1100~2200lm	580~1170 lm/ft
	4'	40W/30W/20W	2240~4480lm	2440~4880lm	2340~4680lm	2100~4200lm	2300~4600lm	2200~4400lm	
	8'	80W/60W/40W	4480~8960lm	4880~9760lm	4680~9360lm	4200~8400lm	4600~9200lm	4400~8800lm	
Black	2'	20W/15W/10W	920~1840lm	1020~2040lm	970~1940lm	850~1700lm	950~1900lm	900~1800lm	480~970 lm/ft
	4'	40W/30W/20W	1840~3680lm	2040~4080lm	1940~3880lm	1700~3400lm	1900~3800lm	1800~3600lm	
	8'	80W/60W/40W	3680~7360lm	4080~8160lm	3880~7760lm	3400~6800lm	3800~7600lm	3600~7200lm	

* Check the IES file to gain the accurate data.

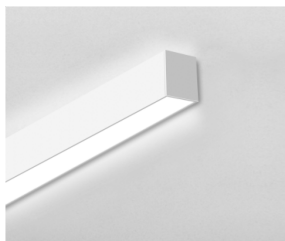
MOUNTING



SURFACE - Highly recommended for spaces with low ceilings and limited overhead room. The fixture can effectively accentuate architectural elements.



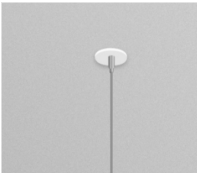
PENDANT - For areas that have ample ceiling height. By utilizing the indirect lighting option, it effectively illuminates the space, enhancing comfort and ambiance.



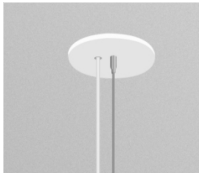
WALL - The slim form factor of this product makes it ideal for illuminating walls in a variety of settings, including corridors, hallways, lobbies, and general purpose rooms.

PENDANT STYLE

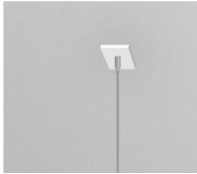
Note: Standard Configuration:1pc 4"canopy+ 1pc 2" canopy
Please specify if need to be custom.



2RC
2 in. Round
Non Power Feed



4RCPF
4 in. Round
Power Feed



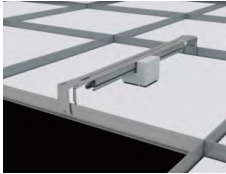
2SC
2 in. Square
Non Power Feed



4SCPF
4 in. Square
Power Feed



T-Grid Clips -
Suspending the luminaire
in the T-grid. Compat-
ible for various T-grid,
including 9/16" Flat, 9/16"
Slot,15/16" Flat



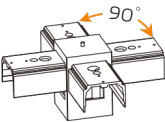
T-Grid Hangers -
Suspending the luminaire
between the T-gird

42' SEAMLESS LENS (cut-to-size)

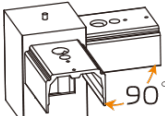
RDF42-18



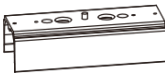
For 42' continuous run use the SPJ Joiner



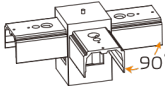
XPJ18



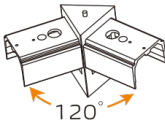
LPJ18



SPJ18



TPJ18



VPJ18

Joiners sold separately

Pendant Accessories For Dry Ceiling

Canopy Kits



Power Cord Kits



5FT Standard
(12FT Available)

Aircraft Cable Kits



5FT Standard
(12FT Available)

Pendant Accessories For Drop Ceiling

Canopy Kits



Power Cord Kits



5FT Standard
(12FT Available)

T-grid Clips



Junction Box



Aircraft Cable Kits



5FT Standard
(12FT Available)

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VividForms™

Slim Architectural Linear

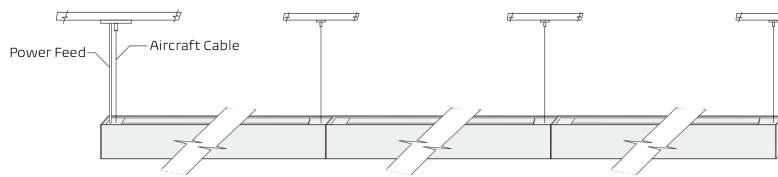
Type:

Fixture:

Standard Run Lines in 120V

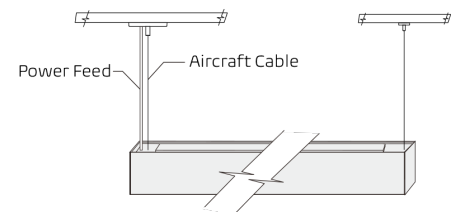
Luminaire Run Length (ft)	Run Configuration	Line Joiner	5' Power Cable	5' Aircraft Cable	Canopy
2	2'	-	1	2	2
4	4'	-	1	2	2
6	4'+2'	1	1	3	3
8	8'	-	1	2	2
10	8'+2'	1	1	3	3
12	8'+4'	1	1	3	3
14	8'+4'+2'	2	1	4	4
16	8'+8'	1	1	3	3
18	8'+8'+2'	2	1	4	4
20	8'+8'+4'	2	1	4	4
22	8'+8'+4'+2'	3	1	5	5
24	8'+8'+8'	2	1	4	4
26	8'+8'+8'+2'	3	1	5	5
28	8'+8'+8'+4'	3	1	5	5
30	8'+8'+8'+4'+2'	4	1	6	6
32	8'+8'+8'+8'	3	1	5	5
34	8'+8'+8'+8'+2'	4	1	6	6
36	8'+8'+8'+8'+4'	4	1	6	6
38	8'+8'+8'+8'+4'+2'	5	1	7	7
40	8'+8'+8'+8'+8'	4	1	6	6
42	8'+8'+8'+8'+8'+2'	5	2	7	7
44	8'+8'+8'+8'+8'+4'	5	2	7	7
46	8'+8'+8'+8'+8'+4'+2'	6	2	8	8
48	8'+8'+8'+8'+8'+8'	5	2	7	7

Continuous Run



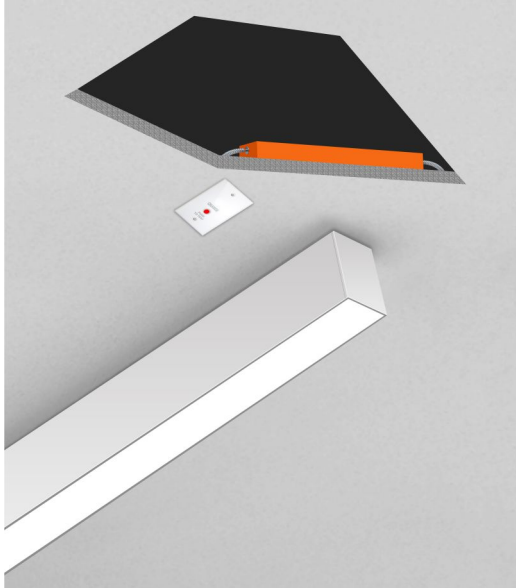
120VAC: connections up to 40ft.
277VAC: connections up to 100ft.

Individual



► Emergency Option

OKT Lighting offers UL& CEC Listed LED emergency drivers. When AC power fails it, immediately switches to the emergency mode operating for lighting minimum 90 minutes. When AC power is restored it, automatically returns to the charging mode which meets critical life-safety lighting requirements.



Order Separated LED emergency driver

Optional 8w or 25w high voltage LED emergency driver can be provided if you need and do it wiring in field. For more info or spec sheet please visit our website or contact sales.



Code-Required Testing

• Initial Self-Test After Installation

It will perform a functional test in 3 seconds after the driver installed to check the wiring and battery output when work. The indicator LED will be off or flicker in case of a failure or an error.

• Second Self-Test In 120 Minutes

It will perform second test in 120 minutes to check again. Upgrade in Gen 3: Repeat 4 times in every 120 minutes if fail in the second test.

• Monthly Self-Test

It will automatically perform a test every 30 days with a duration of 3 seconds, in which the wiring and battery output are checked. In case of a failure or an error, the indicator LED will be off or flicker.

► Occupancy Sensor



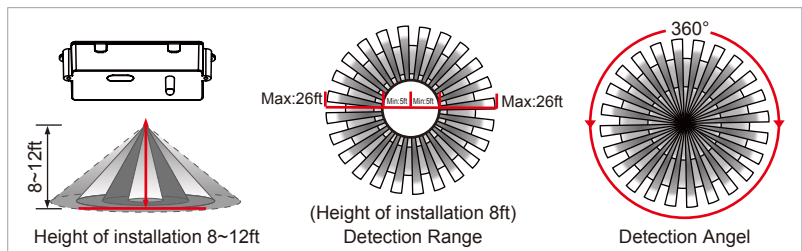
We can provide a factory-installed integrated sensor system for multi-level control based on motion and/or daylight contribution with BRI810-B-D level & daylight harvest microwave sensor from SHARKWARD. For more info or spec sheet, please contact sales.



Specification

Power Supply	120/277 VAC 50/60Hz
Maximum load @-40°F~+158°F (-40°C~+70°C)	Resistive/ Tungsten-600W@120V Electronic Ballast(LED)-800VA@120V/1200VA@277V 5-10Hz CW
HF System	5-10Hz CW
Dim Control Output	0-10V,max.25mA sinking current
Detection Radius/angle	Max 26ft.(8m)/360
Mounting Height	Max 12ft
Humidity	Max.95% RH
Temperature	-40°F~+158°F (-40°C~+70°C)

Sensor Coverage



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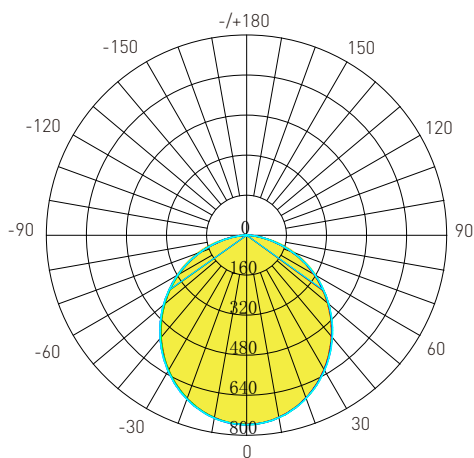
INDOOR

Type:

Fixture:

DISTRIBUTION DIAGRAM

2' 3500K 100% Down



AVERAGE BEAM ANGLE(50%): 109.0°

Test Number: SSL18-2-1020

Lumens: 2000 Lms Watts: 20 W

LPW: 100 Lm/W

CCT: 3500K

UNIT: cd

C0/180, 108.5°

C30/210, 108.8°

C60/240, 109.3°

C90/270, 109.4°

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
10	739.5	740.0	740.4	740.3	740.8
20	692.3	693.4	694.2	693.9	694.8
30	619.7	622.1	623.3	622.5	623.5
40	527.6	530.8	533.0	531.8	532.3
50	423.2	426.7	428.9	427.3	428.1
60	309.1	312.4	314.4	313.0	314.8
70	189.2	191.3	191.3	191.4	193.9
80	72.58	73.20	72.06	72.77	77.06
90	1.497	1.349	0.1848	1.430	2.611
100	0.4056	0.3856	0.3520	0.3720	0.3790
110	0.6354	0.6424	0.6225	0.6065	0.6045
120	0.9014	0.9265	0.9156	0.8837	0.8751
130	1.163	1.204	1.209	1.159	1.132
140	1.420	1.463	1.475	1.425	1.398
150	1.646	1.682	1.687	1.650	1.628
160	1.876	1.883	1.881	1.865	1.831
170	2.047	2.011	2.011	2.002	2.002
180	2.074	2.043	2.034	2.047	2.074
DEG	LUMINOUS INTENSITY:cd				

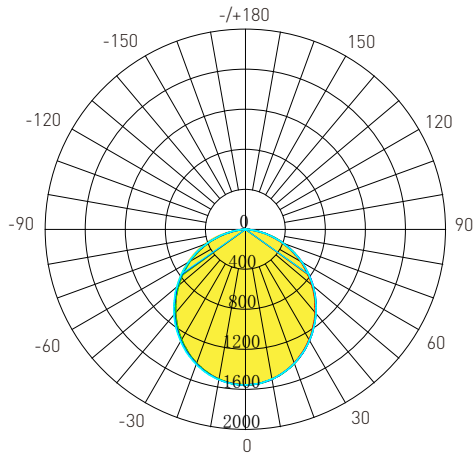
Zonal Lumens

τ	φ total
0-10	71.48
10-20	274.9
20-30	580.0
30-40	943.0
40-50	1315
50-60	1648
60-70	1899
70-80	2039
80-90	2072
90-100	2072
100-110	2073
110-120	2073
120-130	2074
130-140	2075
140-150	2076
150-160	2077
160-170	2078
170-180	2078
UNIT: lm	

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	10520	9762
80	14927	14821
75	17681	17948
70	19759	19980
65	21091	21333
60	22077	22459
55	22866	23212
50	23513	23832
45	24062	24363

4' 3500K 100% Down



AVERAGE BEAM ANGLE(50%): 108.9°

Test Number: SSL18-4-2040

Lumens: 4000 Lms Watts: 40 W

LPW: 100 Lm/W

CCT: 3500K

UNIT: cd

C0/180, 108.1°

C30/210, 108.6°

C60/240, 109.4°

C90/270, 109.7°

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
10	1520	1522	1520	1517	1521
20	1423	1427	1425	1419	1425
30	1273	1282	1280	1270	1276
40	1084	1096	1095	1083	1087
50	868.6	882.1	881.8	867.5	872.7
60	632.5	646.4	646.0	632.3	639.3
70	385.5	397.9	395.6	384.0	393.6
80	145.2	152.5	146.9	140.4	151.9
90	1.792	2.172	0.3294	1.070	3.152
100	0.7296	0.7281	0.7309	0.7373	0.6906
110	1.185	1.233	1.295	1.247	1.164
120	1.731	1.799	1.894	1.813	1.692
130	2.299	2.372	2.476	2.374	2.224
140	2.813	2.908	2.999	2.897	2.751
150	3.291	3.359	3.427	3.344	3.225
160	3.810	3.756	3.788	3.743	3.689
170	4.166	4.025	4.009	4.049	4.095
180	4.230	4.101	4.081	4.101	4.230
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

τ	φ total
0-10	146.8
10-20	564.8
20-30	1191
30-40	1937
40-50	2702
50-60	3386
60-70	3902
70-80	4187
80-90	4251
90-100	4252
100-110	4253
110-120	4254
120-130	4256
130-140	4258
140-150	4260
150-160	4262
160-170	4263
170-180	4263
UNIT: lm	

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	9921	9804
80	14927	15104
75	18028	18499
70	20128	20653
65	21570	22064
60	22589	23072
55	23450	23860
50	24130	24496
45	24697	25038