

SVELT FAMILY

Introducing the Svelt Family 24V DC system, where sleek design meets adaptability.

This family offers a consistent profile across its Suspended, Ceiling, Flanged, Trimless Recessed, T-bar, and Wall Mount luminaires, allowing for seamless combinations tailored to your unique needs. Customize your lighting with a variety of optics, and effortlessly connect luminaires using adaptors and clips.

Mounting Versatility: Svelt profiles include L, T, and X corners for infinite design possibilities, making it easy to achieve your desired lighting layout.

KEY FEATURES

Uniform Profile: Svelt luminaires maintain a consistent profile, providing a seamless and unified aesthetic across Suspended, Ceiling, Flanged, Trimless Recessed, T-bar, and Wall Mount options.

Precision Construction: Crafted from a single rigid aluminum extrusion with precision-engineered die-cast end caps, Svelt luminaires offer exceptional durability and a refined look.

Optics Customization: Tailor your lighting experience with a choice of 9 distinctive optics, including Diffuser, Microprism, Micro Linear Downlight (30° and 55°), Asymmetric, Double Asymmetric, Block Frosted Diffuser, Black Diffuser and Blind Cover, meeting a wide range of lighting requirements.

Continuous Row Mounting: Effortlessly install Svelt with streamlined continuous row mounting, ensuring minimal visible seams. Two mounting solutions are included for added convenience.

High-Quality LED Drivers: Experience reliable and efficient performance with constant-voltage LED drivers, compatible with a wide input voltage range (120-277V).

Dimming Options: Achieve precise lighting control with a choice of 0-10V dimming or DALI dimming (DT6, DT8). Luminaire pre-wiring supports independent 2-circuit or 1-circuit control for uplight and downlight configurations.

Warranty: Enjoy peace of mind with a comprehensive five-year warranty covering parts and components, ensuring long-term reliability.

Finish Options: Personalize your lighting design by selecting from a range of finishes, including classic black and white, or opt for a customizable RAL finish to match your unique vision.

UL Certification: The Svelt LED and drivers are all UL certified.

SVELT CEILING MOUNT DIRECT LINEAR

Introducing the SVELT Ceiling Mount Direct Linear, a meticulously designed luminaire that offers a seamless blend of form and function.

With its slender 7/8" lighting surface, this fixture exudes a contemporary elegance, providing clean lines and a crystal-clear illumination for a wide range of interior lighting applications, spanning from commercial spaces and hotels to residential settings.

Boasting an impressive 120 lm/w high light efficiency design, the SVELT delivers a striking lumen output of up to 724 lm/ft, ensuring exceptional performance and energy efficiency. Versatility is key, and with multiple light distribution options—including Diffuser, Microprism, Frosted Block Diffuser, Asymmetric, Double Asymmetric, Micro Linear Downlights, and Blind Cover—this fixture effortlessly adapts to a diverse array of application requirements.

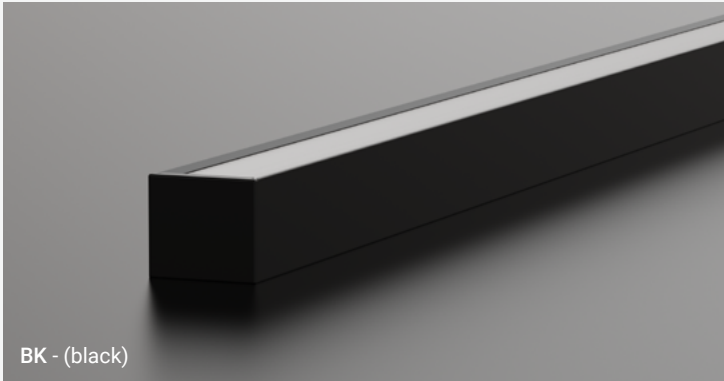
Installation is a breeze, thanks to the inclusion of a surface mounted buckle, making setup more convenient than ever. Elevate your space with the SVELT Ceiling Mount Direct Linear and experience a new standard of contemporary lighting excellence.

SERIES	Svelt - Ceiling Mount Direct Linear
LUMENS PER FOOT	630 lm/ft
CCT	27K, 30K, 40K, 50K, 60K
CRI	90+
EFFICACY	up to 115 lm/W
LENGTHS	1', 2', 4', 8', or Custom (Consult Factory)
DISTRIBUTIONS	Diffuser, Microprism, Micro Linear Downlight 30°, Micro Linear Downlight 55°, Asymmetric, Double Asymmetric, Block Frosted Diffuser, Black Diffuser, Blind Cover
FINISH	● BK - (black) ○ WH - (white) ● Custom RAL
DIMMING & CONTROLS	Non-Dimming (NON-DIM), 0-10V Flicker-Free Dimming (DIM10), DALI.1, DIMTR, BLE

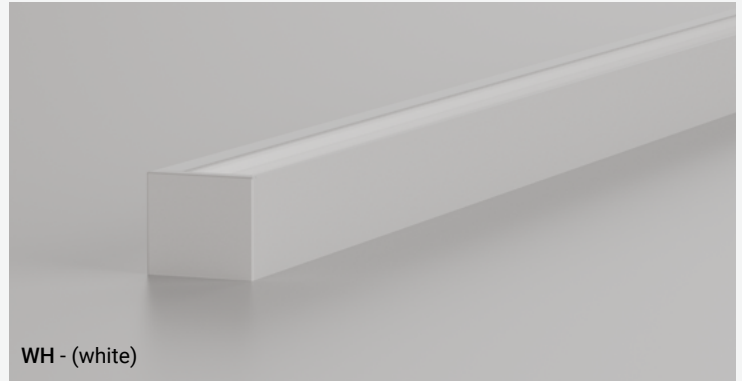
*all drivers will be shipped separately for remote mount installation.

SVELT-CM-LED-1 OPTIONS

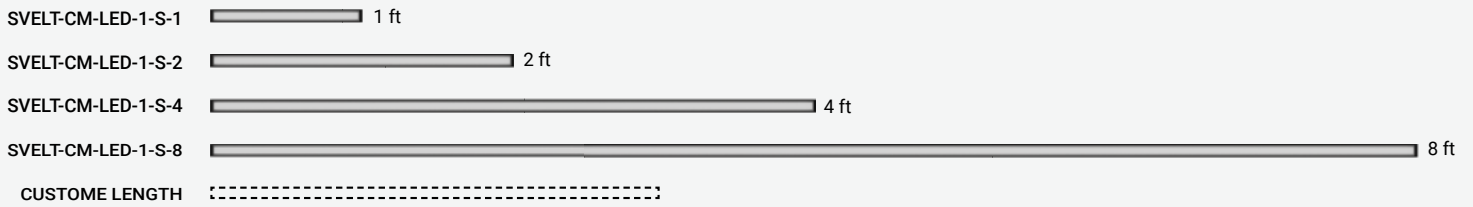
● BK - (black) ○ WH - (white)



BK - (black)



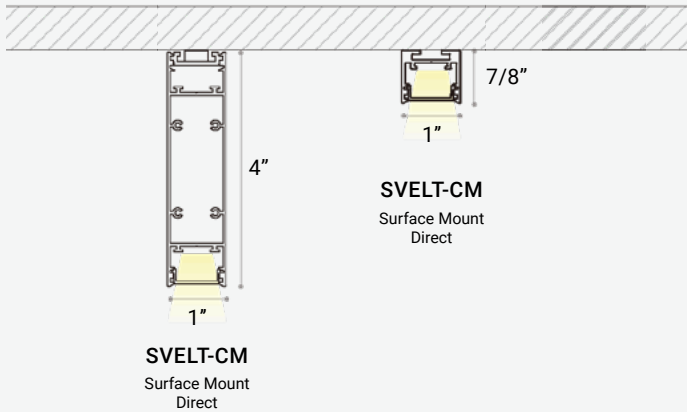
WH - (white)



SVELT-CM-LED-1 DIMENSION

Direct

Ceiling Mount Section View

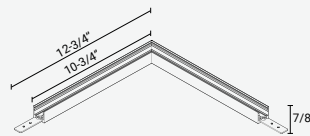


CORNERS-CM

● BK - (black) ○ WH - (white)

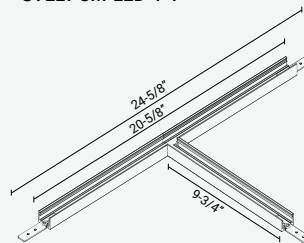
SVELT-CM-LED-1-L

"L" Form Corner Fixture



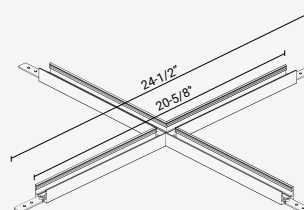
SVELT-CM-LED-1-T

"T" Form Corner Fixture



SVELT-CM-LED-1-X

"X" Form Corner Fixture



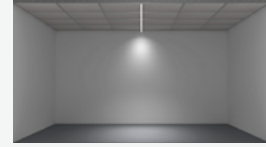
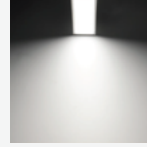
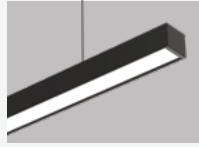
SERIES	LUMENS/FT	WATTS/FT
SVELT-CM-LED	630	6.07

Based on 3000K, 90+ CRI. Actual data varies with the optic types.

DISTRIBUTION PATTERNS

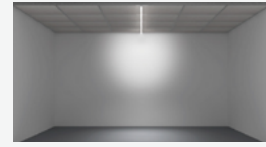
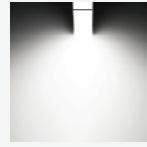
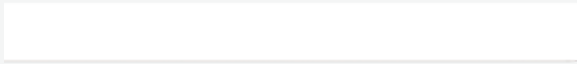
DF - Diffuser - 105 lm/w, 630 lm/ft

Can be cut to any custome size
*Consult with factory on custome length.



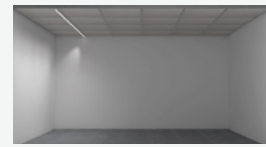
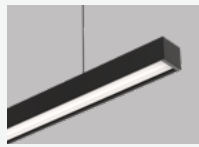
BF - Block Frosted Diffuser - 100 lm/w, 600 lm/ft

Standard length(s) in 2.4M (94") increments
*Consult with factory on custome length



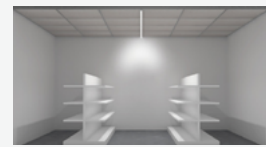
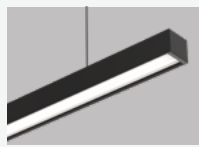
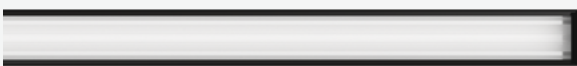
WW - Asymmetric - 110 lm/w, 660lm/ft

Can be cut to any custome size
*Consult with factory on custome length.



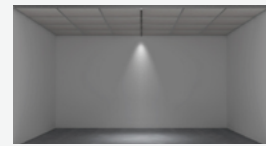
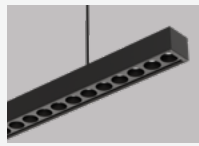
BW - Double Asymmetric 115 lm/w, 690 lm/ft

*Minimum length is 4-1/3"
Can be cut in any multiple of 4-1/3"



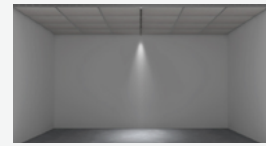
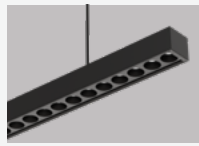
MLD55 - Micro Linear Downlight 55° - 80 lm/w, 480 lm/ft

*Minimum length is 4-1/3"
Can be cut in any multiple of 4-1/3"



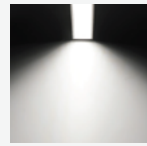
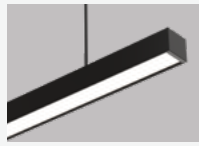
MLD30 - Micro Linear Downlight 30° 80 lm/w, 480 lm/ft

*Minimum length is 4-1/3"
Can be cut in any multiple of 4-1/3"



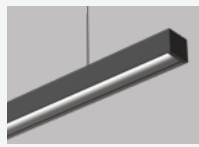
MPR - Microprism - 105 lm/w, 630 lm/ft

Can be cut to any custome size
*Consult with factory on custome length.



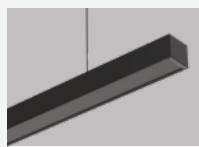
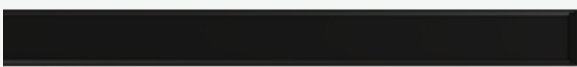
BD - Black Diffuser - 30 lm/w, 200 lm/ft

Can be cut to any custome size
*Consult with factory on custome length.



BC - Blind Cover - 0 lm/w, 0 lm/ft

Can be cut to any custome size
*Consult with factory on custome length.



MOUNTING OPTIONS



CONSTRUCTION

The Svelt family is constructed of a single rigid aluminum extrusion with die cast end caps. All optics and lenses are laser cut for precision and provide smooth edges for safe handling. All lenses (with the exception of the microlinear downlight options) are interchangeable and easily customized to provide flexibility for your spaces.

OPTICAL ASSEMBLY

Svelt offers a versatile array of 9 distinctive choices to cater to your lighting requirements. This selection encompasses 8 diffuser options and 1 Blind Cover. If you seek concentrated lighting, our Micro Linear Downlight options are available in both 30° and 55° variants. For broader, general lighting applications, consider our Diffuser and Microprism choices. When aiming for wall washing effects that gracefully envelop textured finishes, the Asymmetric or Double asymmetric lenses are ideal choices. Finally, the Block Frosted Diffuser delivers a captivating ethereal glow with the widest available distribution, sure to captivate occupants with its mesmerizing effect.

CRM INSTALLATION

The Svelt family provides a streamlined continuous row mounting solution, featuring minimal hardware designed for effortless installation. We offer two distinct solutions for connecting two or more luminaires seamlessly. Our first option joins both profiles while preserving the original end caps, maintaining their unchanged appearance. Alternatively, the second solution involves the removal of end caps for both profiles, resulting in runs with minimal visible seams. Both mounting solutions are included with your order for added convenience.

SUSPENSION CABLE / POWER FEED

Powered by an ultra-minimal two-in-one cable, Svelt provides a subtle solution to the electrical and mechanical demands of the product family. The adjustable power + suspension cable comes in a standard 6½' (2m) length, but can be ordered in lengths up to 13' (4m). Recommended spacing for support every 8' (2.4m).

INCLUDES ACCESSORY

The complete Svelt Architectural LED Ceiling Mount Direct Linear project includes a spray-processed surface profile, a cover with 80% light transmittance, endcaps, flexible modulars, proper amount of clips for ceiling mount, JST male & female terminal cables, a power box, and connecting fittings for seamless integration into your project. For any additional accessories, please feel free to reach out to the factory for purchasing options. They will be happy to assist you further.

DRIVER ELECTRICAL INFORMATION

Powered by high-quality constant-voltage power LED drivers which are rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. Drivers are located remotely (outside of the luminaire) and can power lengths up to ~16 linear feet.

DIMMING & DRIVER INFORMATION

DIM10 - Flicker Free 1% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277 or 347V.
DALI - DALI DT6, DT8 dimming down to 1%.
DIMTR - Triac dimming.

LUMINAIRE CONTROL

Luminaire can be pre-wired for independent 2-circuit control of uplight, downlight, or 1-circuit control for combined up/downlight.

WARRANTY

Five-year warranty for parts and components.
(Labor not included)

DRIVER OPTIONS:
SVELT-DR-40W-24V-DIM-TR-120V

SVELT Series Constant Voltage + Constant Current Driver							
Input Voltage	Output Voltage	Rated Power	Rated Current	Efficiency	Size	Frequency	Power Factor (Normal)
120-277VAC	24V	40W	1.67A	85%	7"*2-3/4"*1-3/8"	47-63Hz	.9

TRIAC Dimming for 120VAC, Non-Dimming for 277VAC

SVELT-DR-60W-24V-DIM-TR-120V

SVELT Series Constant Voltage + Constant Current Driver							
Input Voltage	Output Voltage	Rated Power	Rated Current	Efficiency	Size	Frequency	Power Factor (Normal)
120-277VAC	24V	60W	2.5A	86%	7"*2-3/4"*1-3/8"	47-63Hz	.9

TRIAC Dimming for 120VAC, Non-Dimming for 277VAC

SVELT-DR-96W-24V-DIM-TR-120V

SVELT Series Constant Voltage + Constant Current Driver							
Input Voltage	Output Voltage	Rated Power	Rated Current	Efficiency	Size	Frequency	Power Factor (Normal)
120-277VAC	24V	96W	4A	87%	7"*2-3/4"*1-3/8"	47-63Hz	.9

TRIAC Dimming for 120VAC, Non-Dimming for 277VAC

ED-30W-24V-TRIAC/DIM10

SVELT Series Constant Voltage + Constant Current Driver							
Input Voltage	Output Voltage	Rated Power	Rated Current	Efficiency	Size	Frequency	Power Factor (Normal)
120-277VAC	24V	30W	1.25A	≥79%@120VAC ≥80%@277VAC	6.4"*3.7"*1.5"	50/60Hz	0.99@120VAC 0.95@277VAC

ED-60W-24V-TRIAC/DIM10

SVELT Series Constant Voltage + Constant Current Driver							
Input Voltage	Output Voltage	Rated Power	Rated Current	Efficiency	Size	Frequency	Power Factor (Normal)
120-277VAC	24V	60W	2.5A	≥98%@120VAC ≥95%@277VAC	7.4"*3.7"*1.5"	50/60Hz	0.98@120VAC 0.95@277VAC

DRIVER OPTIONS:

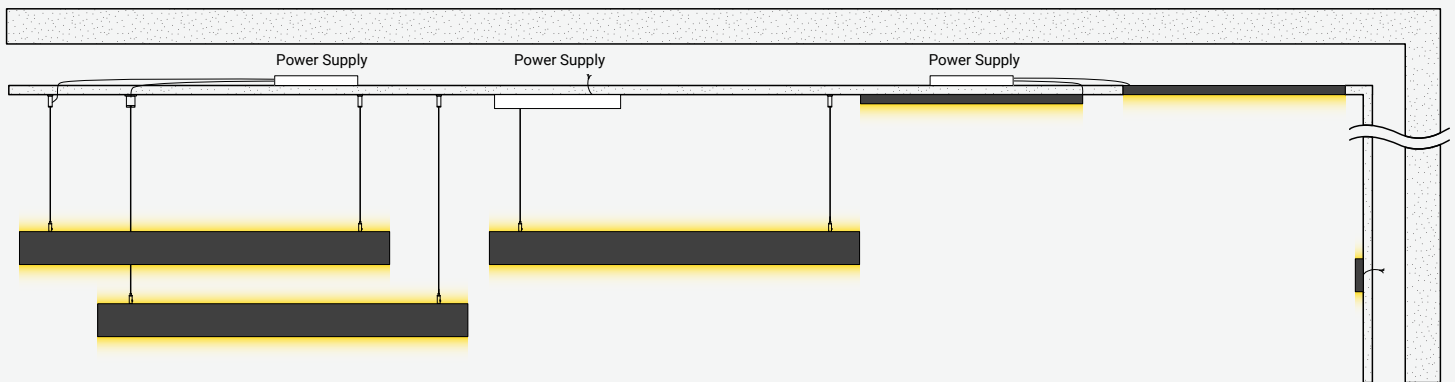
ED-96W-24V-TRIAC/DIM10

SVELT Series Constant Voltage + Constant Current Driver							
Input Voltage	Output Voltage	Rated Power	Rated Current	Efficiency	Size	Frequency	Power Factor (Normal)
120-277VAC	24V	96W	4A	≥83%@120VAC ≥86%@277VAC	8.6"*3.7"*1.5"	50/60Hz	0.98@120VAC 0.95@277VAC

ED-192W-24V-TRIAC/DIM10

SVELT Series Constant Voltage + Constant Current Driver							
Input Voltage	Output Voltage	Rated Power	Rated Current	Efficiency	Size	Frequency	Power Factor (Normal)
120-277VAC	24V	192W(2*96W)	2*4A	≥87%@120VAC ≥89%@277VAC	10.9"*4.3"*1.7"	50/60Hz	0.99@120VAC 0.94@277VAC

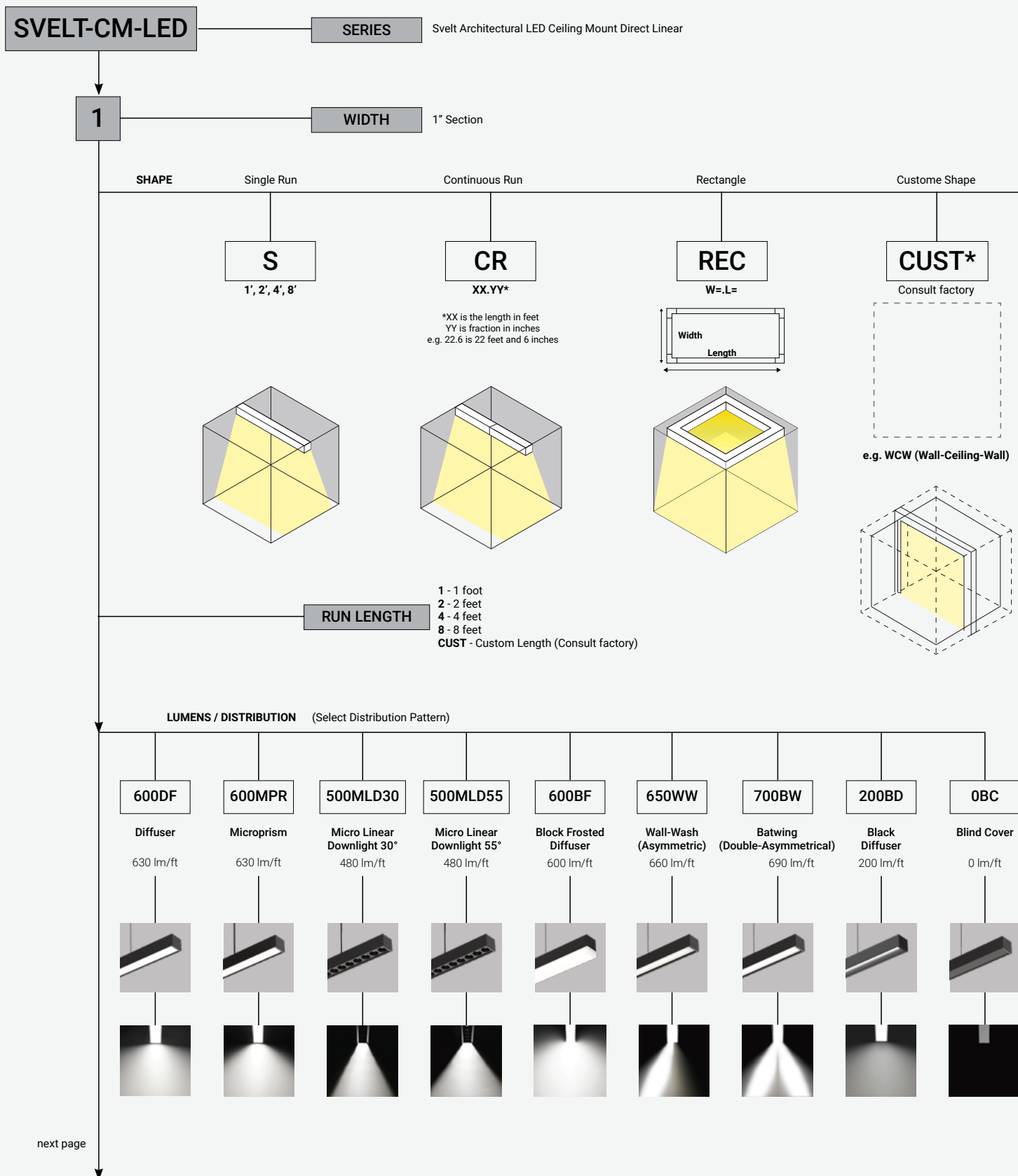
DRIVER PLACEMENT



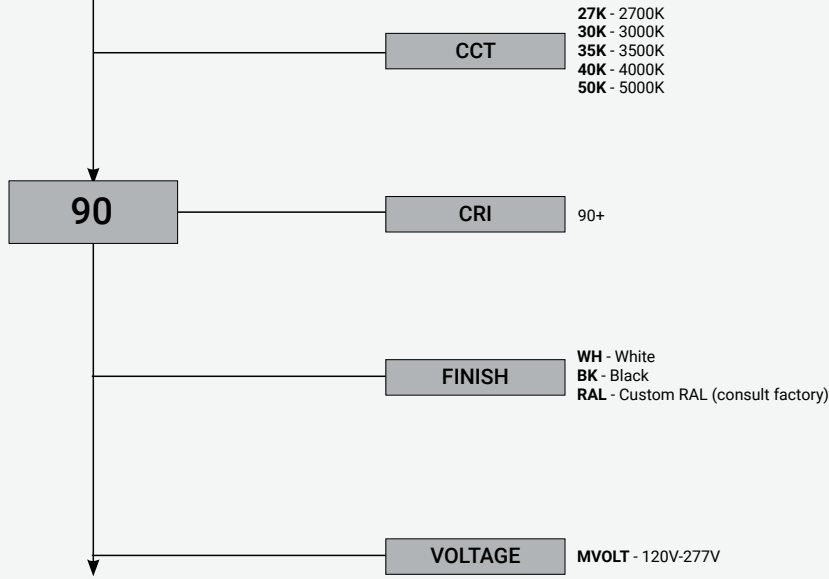
ORDERING GUIDE

Series — Width — Shape — Length — Direct — CCT — CRI — Finish — Voltage

example: **SVELT-CM-LED** **1** **REC** **W4L8** **600DF** **30K** **90** **BK** **MVOLT**

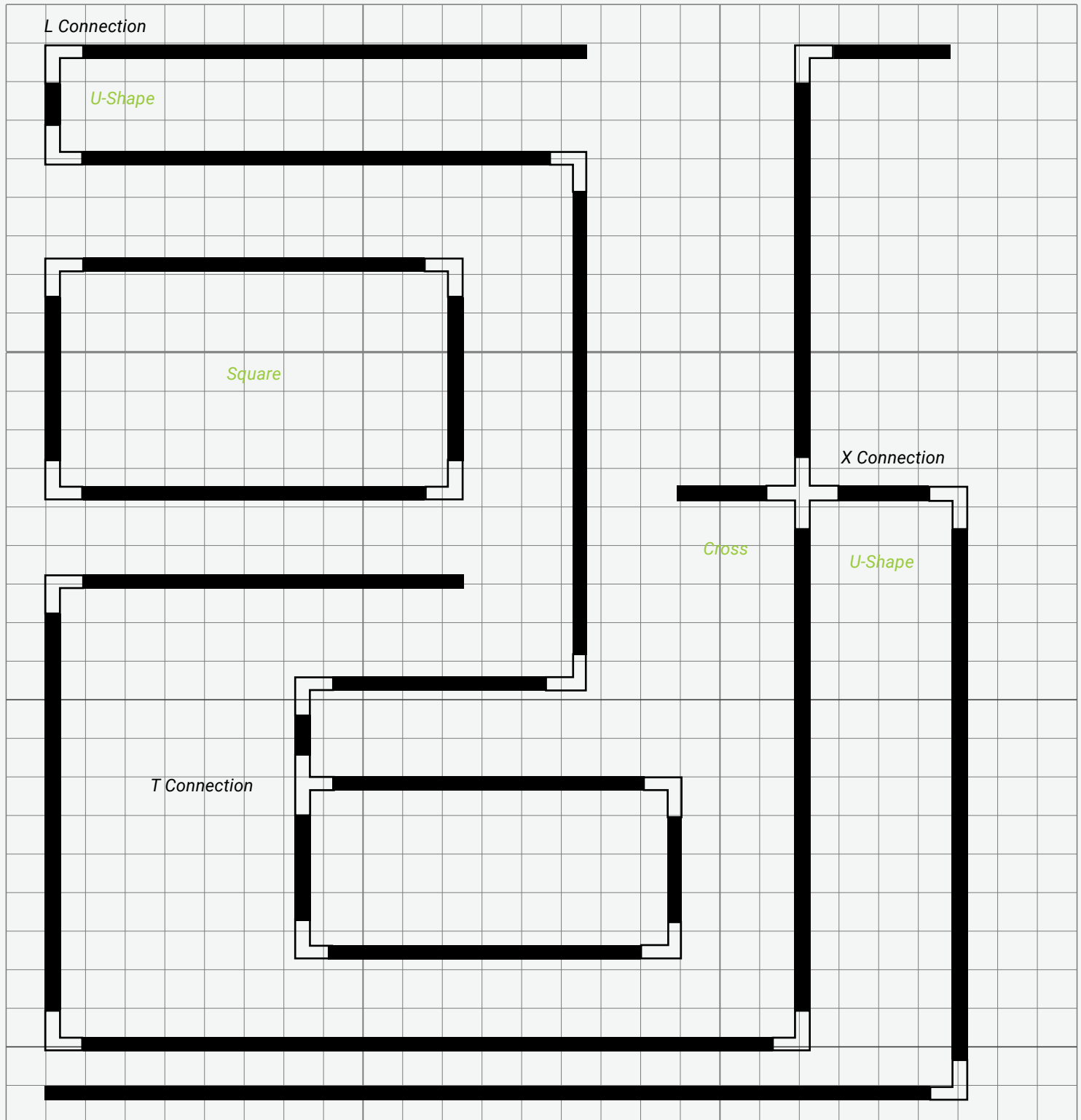


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*for Dimming and Voltage, please refer to the driver options on former pages.

SVELT CONFIGURATION EXAMPLES:



NOTES

Sample configuration of shapes that are achievable with Svelt family.
Different mounting options cannot be combined.
Distribution options can be combined.

HOW TO DESIGN AND SUBMIT YOUR SVELT CONFIGURATION

Sketch out your design using the grids space below (for designing simple luminaires only). Take a picture and email to orders@iuseelite.com:

- 1) Create your CAD assembly design using the downloadable DXF files found on the Svelt product page at www.iuseelite.com.
- 2) Use Svelt PlayGrid Configuration Tool, our virtual configuration tool designed especially for Svelt (in progress), to build your own unique pattern by dragging and dropping individual modules.

After digitally sketching out your vision, send files to Elite Lighting Svelt Design Team at orders@iuseelite.com. Omit this step for pre-fab designs.



* contact Elite for any custome shape: orders@iuseelite.com.



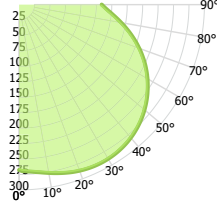
BF - Block Frosted Diffuser - 100 lm/w, 600 lm/ft

SVELT-CM-LED-1-S-4-500L-BF-DIM10-24-40K-90-BK

TEST NO.: **EL12202225**

INPUT WATTS: **26.5** LUMENS: **1428** EFFICACY: **54** BEAM ANGLE: **171** SPACING CRITERIA: **1.61**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	268	268
10°	277	266
20°	286	254
30°	288	234
40°	281	208
50°	265	174
60°	240	134
70°	207	89
80°	168	41
90°	134	4

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	1441	1441
45.00°	2087	1459
55.00°	2378	1454
65.00°	2858	1429
75.00°	3904	1365
85.00°	9174	1166

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	26
10° - 20°	76
20° - 30°	123
30° - 40°	160
40° - 50°	183
50° - 60°	188
60° - 70°	176
70° - 80°	145
80° - 90°	106

ZONAL LUMEN SUMMARY

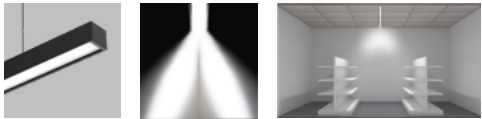
ZONE	UMENS	% LUMINAIRE
0° - 20°	102	7%
0° - 30°	224	16%
0° - 40°	384	27%
0° - 60°	755	53%
0° - 80°	1076	75%
0° - 90°	1182	83%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	7.4 fc	151.6 ft	18.9 ft
8.0 ft	4.2 fc	202.2 ft	25.2 ft
10.0 ft	2.7 fc	252.7 ft	31.5 ft
12.0 ft	1.9 fc	303.3 ft	37.8 ft
14.0 ft	1.4 fc	353.8 ft	44.1 ft
16.0 ft	1.0 fc	404.3 ft	50.4 ft
18.0 ft	0.8 fc	454.9 ft	56.7 ft
20.0 ft	0.7 fc	505.4 ft	63.0 ft

INDOOR COEFFICIENTS OF UTILIZATION

pw	80%			70%			50%			30%			10%			0%		
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	115	115	115	115	110	110	110	110	102	102	102	94	94	94	86	86	86	83
1	102	95	90	85	97	91	87	82	84	80	76	77	74	71	71	68	66	62
2	91	81	73	67	87	78	71	64	71	65	60	65	61	56	60	56	52	49
3	82	70	61	54	78	67	59	52	62	55	49	57	51	46	52	47	43	40
4	75	61	52	44	71	59	50	43	54	47	41	50	43	38	46	40	36	33
5	68	54	45	37	65	52	43	36	48	40	34	44	38	33	41	35	31	28
6	63	48	39	32	60	47	38	31	43	35	30	40	33	28	37	31	26	24
7	58	44	34	28	55	42	33	27	39	31	26	36	29	25	33	28	23	21
8	54	40	31	25	51	38	30	24	35	28	23	33	26	22	30	25	21	18
9	50	36	28	22	48	35	27	21	32	25	20	30	24	19	28	22	18	16
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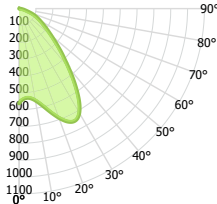
BW - Double Asymmetric 115 lm/w, 690 lm/ft

SVELT-CM-LED-1-S-4-500L-BW-DIM10-24-40K-90-BK

TEST NO.: **EL12202224**

INPUT WATTS: **26.6** LUMENS: **1850** EFFICACY: **70** BEAM ANGLE: **77** SPACING CRITERIA: **1.49**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	562	562
10°	553	546
20°	690	513
30°	714	461
40°	454	390
50°	249	305
60°	142	210
70°	66	122
80°	14	51
90°	1	4

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	3026	3026
45.00°	2566	2658
55.00°	1755	2417
65.00°	1359	2097
75.00°	711	1768
85.00°	134	1422

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	56
10° - 20°	186
20° - 30°	328
30° - 40°	392
40° - 50°	347
50° - 60°	259
60° - 70°	165
70° - 80°	78
80° - 90°	16

ZONAL LUMEN SUMMARY

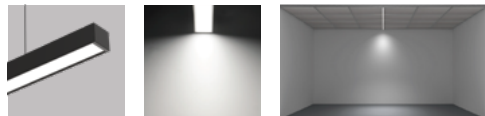
ZONE	UMENS	% LUMINAIRE
0° - 20°	242	13%
0° - 30°	569	31%
0° - 40°	962	52%
0° - 60°	1568	85%
0° - 80°	1812	98%
0° - 90°	1828	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	15.6 fc	9.5 ft	4.3 ft
8.0 ft	8.8 fc	12.7 ft	5.7 ft
10.0 ft	5.6 fc	15.9 ft	7.2 ft
12.0 ft	3.9 fc	19.1 ft	8.6 ft
14.0 ft	2.9 fc	22.3 ft	10.1 ft
16.0 ft	2.2 fc	25.4 ft	11.5 ft
18.0 ft	1.7 fc	28.6 ft	12.9 ft
20.0 ft	1.4 fc	31.8 ft	14.4 ft

INDOOR COEFFICIENTS OF UTILIZATION

pw	80%			70%			50%			30%			10%			0%		
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	99
1	110	105	102	98	107	103	100	96	99	96	93	95	92	90	91	89	87	85
2	101	93	87	82	98	91	85	81	87	83	79	84	80	77	81	78	75	73
3	92	83	75	69	90	81	74	68	78	72	67	75	70	66	72	68	64	62
4	85	74	65	59	83	72	65	59	70	63	58	67	61	57	65	60	56	54
5	78	66	58	51	76	65	57	51	63	56	50	61	55	50	59	53	49	47
6	72	60	51	45	70	59	51	45	57	50	44	55	49	44	53	48	43	41
7	67	54	46	40	65	53	45	40	52	45	39	50	44	39	49	43	39	37
8	63	49	41	36	61	49	41	35	47	40	35	46	40	35	45	39	35	33
9	58	45	37	32	57	45	37	32	44	37	32	42	36	32	41	36	31	30
10	55	42	34	29	53	41	34	29	40	33	29	39	33	29	38	33	28	27



DF - Diffuser - 105 lm/w, 630 lm/ft

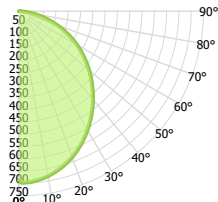


SVELT-CM-LED-1-S-4-500L-DF-DIM10-24-40K-90-BK

TEST NO.: **EL12192221**

INPUT WATTS: **26.4** LUMENS: **1882** EFFICACY: **71** BEAM ANGLE: **102** SPACING CRITERIA: **1.20**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	688	688
10°	680	687
20°	631	646
30°	557	581
40°	468	499
50°	372	405
60°	272	303
70°	165	196
80°	64	89
90°	2	9

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	3703	3703
45.00°	3199	3448
55.00°	3021	3328
65.00°	2792	3178
75.00°	2351	2941
85.00°	1486	2626

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	65
10° - 20°	184
20° - 30°	273
30° - 40°	322
40° - 50°	328
50° - 60°	295
60° - 70°	226
70° - 80°	130
80° - 90°	36

ZONAL LUMEN SUMMARY

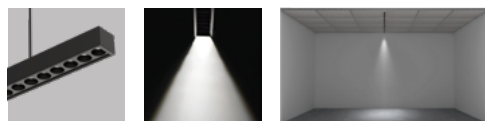
ZONE	UMENS	% LUMINAIRE
0° - 20°	249	13%
0° - 30°	521	28%
0° - 40°	844	45%
0° - 60°	1467	78%
0° - 80°	1823	97%
0° - 90°	1859	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	19.1 fc	14.9 ft	17.3 ft
8.0 ft	10.8 fc	19.9 ft	23.1 ft
10.0 ft	6.9 fc	24.8 ft	28.8 ft
12.0 ft	4.8 fc	29.8 ft	34.6 ft
14.0 ft	3.5 fc	34.8 ft	40.3 ft
16.0 ft	2.7 fc	39.7 ft	46.1 ft
18.0 ft	2.1 fc	44.7 ft	51.9 ft
20.0 ft	1.7 fc	49.7 ft	57.6 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	20%																0%	
		80%				70%				50%				30%					
pw		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
		0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101
1	108	104	99	96	106	101	97	94	97	94	91	93	90	88	89	87	85	83	83
2	99	90	84	78	96	88	82	77	85	79	75	81	77	73	78	74	71	69	69
3	90	79	71	65	87	78	70	64	75	68	63	72	66	61	69	64	60	58	58
4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	61	56	52	50	50
5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	55	50	45	43	43
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	50	44	40	38	38
7	65	51	43	37	63	51	42	36	49	41	36	47	41	36	46	40	35	33	33
8	60	47	38	33	59	46	38	32	45	37	32	43	37	32	42	36	32	30	30
9	57	43	35	29	55	42	35	29	41	34	29	40	34	29	39	33	29	27	27
10	53	40	32	27	52	39	32	27	38	31	26	37	31	26	36	30	26	24	24



MLD30 - Micro Linear Downlight 30° 80 lm/w, 480 lm/ft

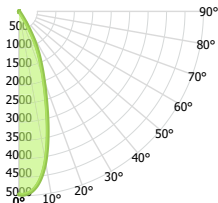


SVELT-CM-LED-1-S-4-500L-MLD30-DIM10-24-40K-90-BK

TEST NO.: **EL12202226**

INPUT WATTS: **31.0** LUMENS: **1976** EFFICACY: **64** BEAM ANGLE: **34** SPACING CRITERIA: **0.56**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	4956	4956
10°	4132	4000
20°	1952	2012
30°	558	608
40°	28	42
50°	8	8
60°	1	2
70°	0	0
80°	0	0
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	26674	26674
45.00°	108	116
55.00°	43	42
65.00°	4	3
75.00°	3	2
85.00°	4	4

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	431
10° - 20°	817
20° - 30°	556
30° - 40°	129
40° - 50°	13
50° - 60°	4
60° - 70°	0
70° - 80°	0
80° - 90°	0

ZONAL LUMEN SUMMARY

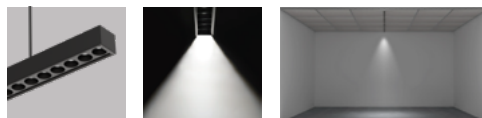
ZONE	UMENS	% LUMINAIRE
0° - 20°	1249	63%
0° - 30°	1804	91%
0° - 40°	1933	98%
0° - 60°	1950	99%
0° - 80°	1951	99%
0° - 90°	1951	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	137.7 fc	3.6 ft	3.9 ft
8.0 ft	77.4 fc	4.8 ft	5.2 ft
10.0 ft	49.6 fc	6.1 ft	6.4 ft
12.0 ft	34.4 fc	7.3 ft	7.7 ft
14.0 ft	25.3 fc	8.5 ft	9.0 ft
16.0 ft	19.4 fc	9.7 ft	10.3 ft
18.0 ft	15.3 fc	10.9 ft	11.6 ft
20.0 ft	12.4 fc	12.1 ft	12.9 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	20%																0%	
		80%				70%				50%				30%					
pw		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
		0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101
1	114	112	110	108	112	110	108	106	105	104	102	101	100	99	98	96	94	96	94
2	110	106	102	100	108	104	101	98	101	98	96	97	96	94	95	93	92	90	90
3	106	100	96	93	104	99	95	92	96	93	91	94	91	89	91	89	88	86	86
4	102	95	91	88	100	94	90	87	92	89	86	90	87	85	88	86	84	82	82
5	98	91	86	83	96	90	86	82	88	85	82	87	83	81	85	82	80	79	79
6	94	87	82	79	93	86	82	79	85	81	78	83	80	77	82	79	77	76	76
7	91	83	79	75	90	83	78	75	81	77	75	80	77	74	79	76	74	72	72
8	88	80	75	72	87	79	75	72	78	74	71	77	74	71	76	73	71	70	70
9	85	77	72	69	84	76	72	69	75	71	69	75	71	68	74	70	68	67	67
10	82	74	69	66	81	74	69	66	73	69	66	72	68	66	71	68	65	64	64



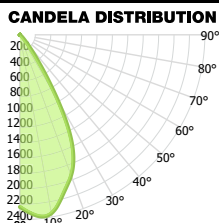
MLD55 - Micro Linear Downlight 55° - 80 lm/w, 480 lm/ft



SVELT-CM-LED-1-S-4-630L-MLD55-DIM10-24-40K-90

TEST NO.: **EL12202227**

INPUT WATTS: **31.1** LUMENS: **1866** EFFICACY: **60** BEAM ANGLE: **56** SPACING CRITERIA: **0.96**



CANDELA TABLE

	0°	90°
0°	2234	2234
10°	2352	2150
20°	1941	1806
30°	990	974
40°	135	196
50°	15	22
60°	1	1
70°	0	0
80°	0	0
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	12025	12025
45.00°	326	521
55.00°	48	61
65.00°	4	3
75.00°	3	3
85.00°	4	6

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	215
10° - 20°	585
20° - 30°	684
30° - 40°	300
40° - 50°	51
50° - 60°	6
60° - 70°	0
70° - 80°	0
80° - 90°	0

ZONAL LUMEN SUMMARY

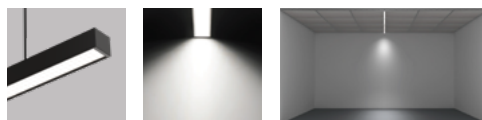
ZONE	UMENS	% LUMINAIRE
0° - 20°	801	43%
0° - 30°	1484	80%
0° - 40°	1785	96%
0° - 60°	1841	99%
0° - 80°	1842	99%
0° - 90°	1842	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	62.1 fc	6.4 ft	6.5 ft
8.0 ft	34.9 fc	8.6 ft	8.6 ft
10.0 ft	22.3 fc	10.7 ft	10.8 ft
12.0 ft	15.5 fc	12.9 ft	13.0 ft
14.0 ft	11.4 fc	15.0 ft	15.1 ft
16.0 ft	8.7 fc	17.2 ft	17.3 ft
18.0 ft	6.9 fc	19.3 ft	19.5 ft
20.0 ft	5.6 fc	21.4 ft	21.6 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	20%																		0%			
		80%						70%						50%							30%	10%	0%
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%								
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	99					
1	113	111	109	106	111	109	106	105	104	103	101	100	99	98	97	96	95	93					
2	108	104	100	97	106	102	98	96	98	96	93	95	93	91	92	91	89	87					
3	103	97	93	89	101	96	91	88	93	89	86	90	87	85	88	86	84	82					
4	98	91	86	82	97	90	85	82	88	84	81	86	82	79	84	81	78	77					
5	94	86	80	76	92	85	80	76	83	79	75	81	77	74	80	76	74	72					
6	89	81	75	71	88	80	75	71	79	74	71	77	73	70	76	72	69	68					
7	85	77	71	67	84	76	71	67	75	70	66	73	69	66	72	68	65	64					
8	81	72	67	63	80	72	67	63	71	66	62	70	65	62	69	65	62	61					
9	78	69	63	59	77	68	63	59	67	62	59	66	62	59	65	61	58	57					
10	74	65	60	56	73	65	60	56	64	59	56	63	59	56	62	58	55	54					



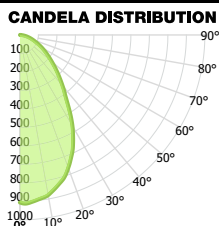
MPR - Microprism -105 lm/w, 630 lm/ft



SVELT-CM-LED-1-S-4-500L-MPR-DIM10-24-40K-90-BK

TEST NO.: **EL12192222**

INPUT WATTS: **26.3** LUMENS: **1783** EFFICACY: **68** BEAM ANGLE: **70** SPACING CRITERIA: **1.01**



CANDELA TABLE

	0°	90°
0°	906	906
10°	879	893
20°	764	838
30°	568	732
40°	358	586
50°	225	416
60°	137	260
70°	72	140
80°	28	61
90°	1	7

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	4876	4876
45.00°	2177	3819
55.00°	1662	3137
65.00°	1275	2478
75.00°	1005	2016
85.00°	580	1902

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	85
10° - 20°	236
20° - 30°	330
30° - 40°	345
40° - 50°	299
50° - 60°	223
60° - 70°	144
70° - 80°	76
80° - 90°	23

ZONAL LUMEN SUMMARY

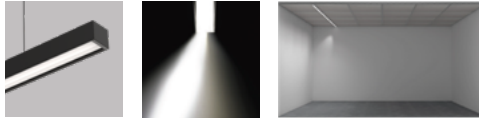
ZONE	UMENS	% LUMINAIRE
0° - 20°	322	18%
0° - 30°	651	37%
0° - 40°	996	56%
0° - 60°	1519	85%
0° - 80°	1739	98%
0° - 90°	1761	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	25.2 fc	8.3 ft	13.2 ft
8.0 ft	14.2 fc	11.1 ft	17.5 ft
10.0 ft	9.1 fc	13.9 ft	21.9 ft
12.0 ft	6.3 fc	16.7 ft	26.3 ft
14.0 ft	4.6 fc	19.5 ft	30.7 ft
16.0 ft	3.5 fc	22.2 ft	35.1 ft
18.0 ft	2.8 fc	25.0 ft	39.5 ft
20.0 ft	2.3 fc	27.8 ft	43.9 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	20%																		0%			
		80%						70%						50%							30%	10%	0%
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%								
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	99					
1	110	106	102	99	107	103	100	97	99	96	94	95	93	91	91	89	88	86					
2	101	94	88	83	99	92	86	82	88	84	80	85	81	78	82	79	76	74					
3	93	84	77	71	91	82	75	70	79	73	69	76	71	67	74	70	66	64					
4	86	75	67	61	84	74	67	61	71	65	60	69	64	59	67	62	58	56					
5	80	68	60	54	78	67	59	54	65	58	53	63	57	52	61	56	52	50					
6	74	62	54	48	72	61	53	48	59	52	47	57	51	47	56	50	46	44					
7	69	57	49	43	68	56	48	43	54	47	42	53	47	42	51	46	42	40					
8	65	52	44	39	63	52	44	39	50	43	38	49	43	38	48	42	38	36					
9	61	48	41	35	59	48	40	35	46	40	35	45	39	35	44	39	35	33					
10	57	45	37	32	56	44	37	32	43	37	32	42	36	32	41	36	32	30					



WW - Asymmetric - 110 lm/w, 660lm/ft



SVELT-CM-LED-1-S-4-630L-WW-DIM10-24-40K-90-BK

TEST NO.: **EL12192223**

INPUT WATTS: **26.3**

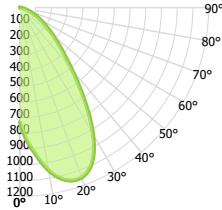
LUMENS: **1806**

EFFICACY: **69**

BEAM ANGLE: **44**

SPACING CRITERIA: **1.44**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	729	729
10°	1050	726
20°	1149	683
30°	931	612
40°	517	512
50°	277	385
60°	149	248
70°	64	135
80°	19	54
90°	1	4

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	3923	3923
45.00°	2871	3438
55.00°	1922	2964
65.00°	1296	2389
75.00°	811	1897
85.00°	211	1483

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	71
10° - 20°	212
20° - 30°	326
30° - 40°	361
40° - 50°	319
50° - 60°	244
60° - 70°	158
70° - 80°	77
80° - 90°	17

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	283	16%
0° - 30°	609	34%
0° - 40°	970	54%
0° - 60°	1533	85%
0° - 80°	1768	98%
0° - 90°	1785	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	20.2 fc	5.4 ft	8.4 ft
8.0 ft	11.4 fc	7.2 ft	11.2 ft
10.0 ft	7.3 fc	9.0 ft	14.1 ft
12.0 ft	5.1 fc	10.8 ft	16.9 ft
14.0 ft	3.7 fc	12.5 ft	19.7 ft
16.0 ft	2.8 fc	14.3 ft	22.5 ft
18.0 ft	2.2 fc	16.1 ft	25.3 ft
20.0 ft	1.8 fc	17.9 ft	28.1 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf pc pw	20%																0%				
	80%				70%				50%				30%					10%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%		10%	50%	30%	10%
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	101	99		
1	110	106	102	98	107	103	100	97	99	96	93	95	92	90	91	89	88	88	85		
2	101	93	87	82	98	91	86	81	88	83	79	84	81	77	81	78	75	73	73		
3	93	83	76	70	90	81	75	69	78	73	68	76	71	66	73	69	65	63	63		
4	85	74	66	60	83	73	66	60	70	64	59	68	62	58	66	61	57	55	55		
5	79	67	59	53	77	66	58	52	64	57	52	62	56	51	60	54	50	48	48		
6	73	61	52	46	71	60	52	46	58	51	46	56	50	45	55	49	45	43	43		
7	68	55	47	41	66	55	47	41	53	46	41	51	45	40	50	44	40	38	38		
8	64	51	43	37	62	50	42	37	49	42	37	47	41	36	46	40	36	34	34		
9	60	47	39	34	58	46	39	34	45	38	33	44	38	33	43	37	33	31	31		
10	56	43	36	31	55	43	36	31	42	35	30	41	35	30	40	34	30	28	28		