

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 SUSPENDED DIRECT/INDIRECT LINEAR

Introducing the specification-grade Svelt Suspended Direct/Indirect lighting solution, designed to elevate your interior lighting experience.

With its sleek and contemporary profile, Svelt seamlessly integrates into various environments, including commercial, hotel, and residential spaces. Enjoy the benefits of clear and continuous illumination, perfect for offices, schools, conference rooms, museums, retail outlets, hotels, restaurants, and more.

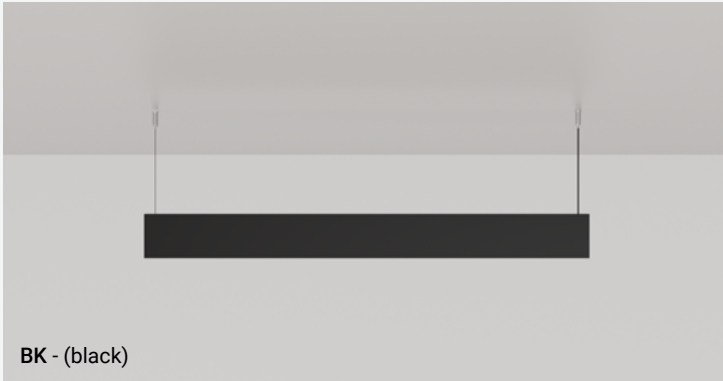
Our integrated LED linear pendant lighting is available in standard lengths of 1', 2', 4', 8' and custom lengths, offering the flexibility to create seamless lines of light tailored to your specific needs. Illuminate your space with Svelt, where form meets function for exceptional lighting.

SERIES	Svelt - Suspended Direct / Indirect Linear
LUMENS PER FOOT	up to 690 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
CIRCUIS	1 Circuit, 2 Circuits
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-DI-LED-1 OPTIONS

● BK - (black) ○ WH - (white)



BK - (black)



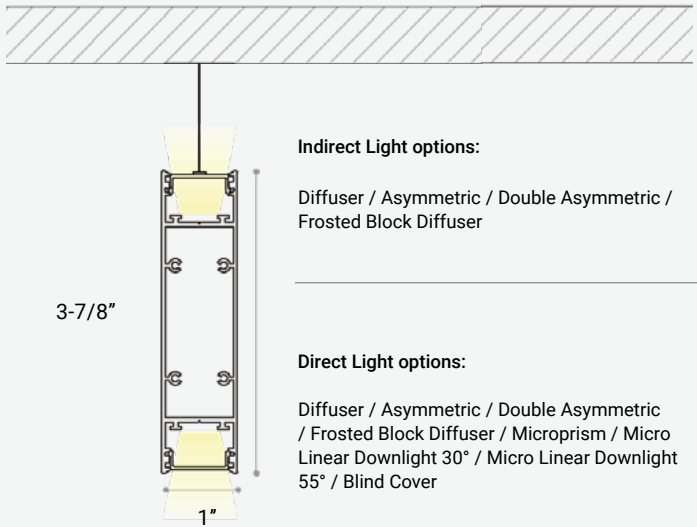
WH - (white)

- SVELT-DI-LED-1-S-1 1 ft
- SVELT-DI-LED-1-S-2 2 ft
- SVELT-DI-LED-1-S-4 4 ft
- SVELT-DI-LED-1-S-8 8 ft
- CUSTOM LENGTH

SVELT-DI-LED-1 DIMENSION

Direct / Indirect

Suspended Mount Section View



Indirect Light options:
Diffuser / Asymmetric / Double Asymmetric / Frosted Block Diffuser

Direct Light options:
Diffuser / Asymmetric / Double Asymmetric / Frosted Block Diffuser / Microprism / Micro Linear Downlight 30° / Micro Linear Downlight 55° / Blind Cover

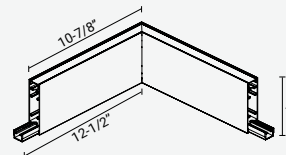
SERIES	LUMENS/FT	WATTS/FT
SVELT-DI-LED Direct	560	6.06
SVELT-DI-LED Indirect	560	6.06

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

CORNERS-DI

● BK - (black) ○ WH - (white)

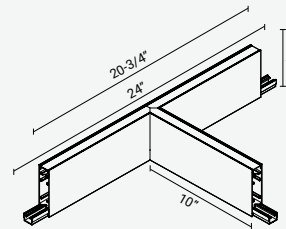
SVELT-DI-LED-1-L



"L" Form Corner Fixture



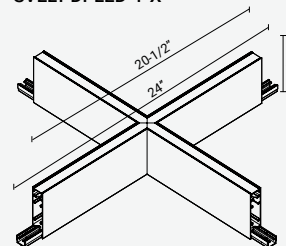
SVELT-DI-LED-1-T



"T" Form Corner Fixture



SVELT-DI-LED-1-X



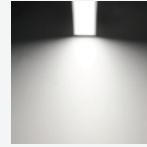
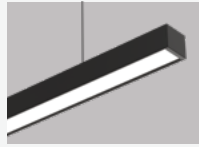
"X" Form Corner Fixture



DISTRIBUTION PATTERNS

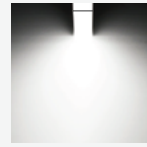
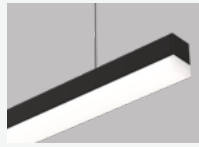
DF - Diffuser - 105 lm/w, 630 lm/ft

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



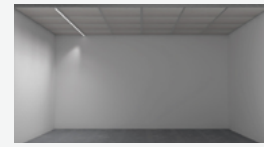
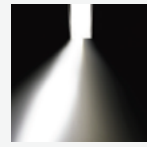
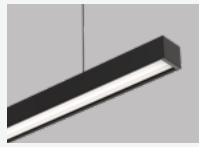
BF - Block Frosted Diffuser - 100 lm/w, 600 lm/ft

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



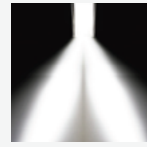
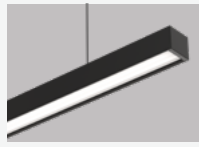
WW - Asymmetric - 110 lm/w, 660lm/ft

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



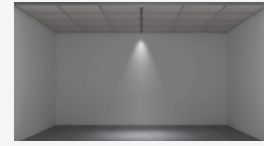
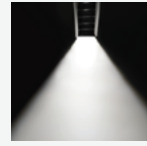
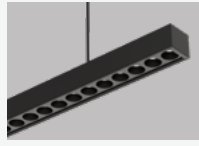
BW - Double Asymmetric 115 lm/w, 690 lm/ft

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



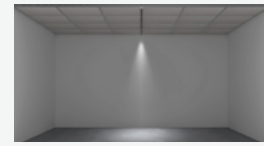
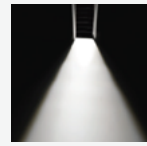
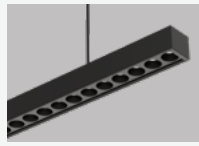
MLD55 - Micro Linear Downlight 55° - 80 lm/w, 480 lm/ft

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



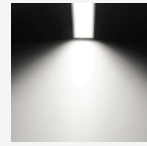
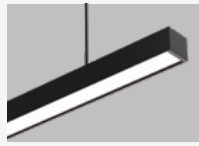
MLD30 - Micro Linear Downlight 30° 80 lm/w, 480 lm/ft

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



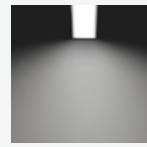
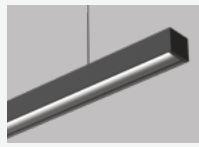
MPR - Microprism -105 lm/w, 630 lm/ft

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



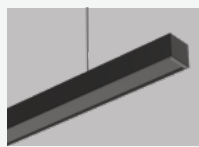
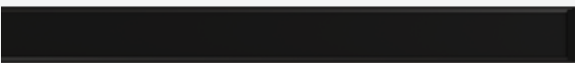
BD - Black Diffuser - 30 lm/w, 200 lm/ft

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 Suspended Direct/Indirect Linear project includes a spray-processed surface profile, a cover with 80% light transmittance, endcaps, flexible modulars, pendant cables with a maximum load-bearing capacity of 14.33 lbs, 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:

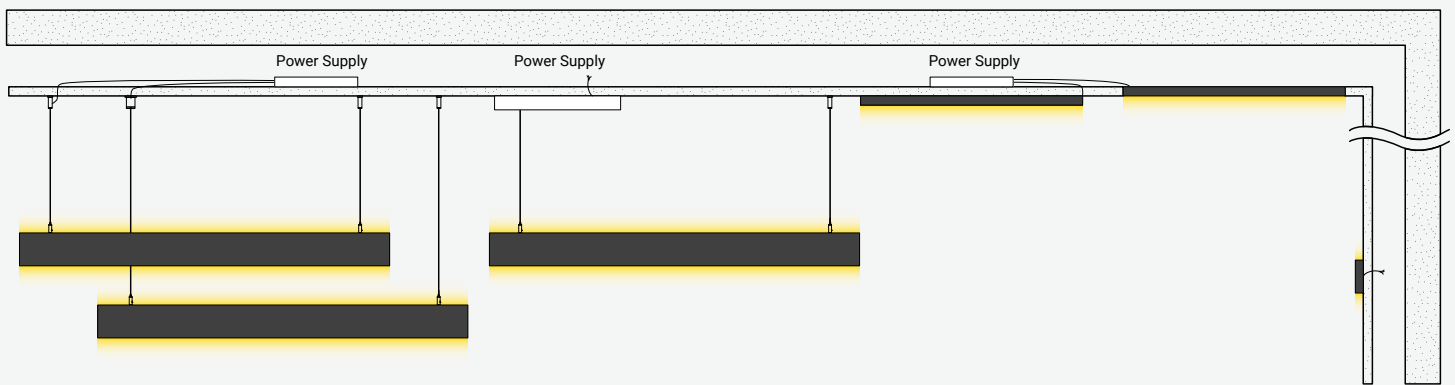
ED-96W-24V-TRIAC/DIM10

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

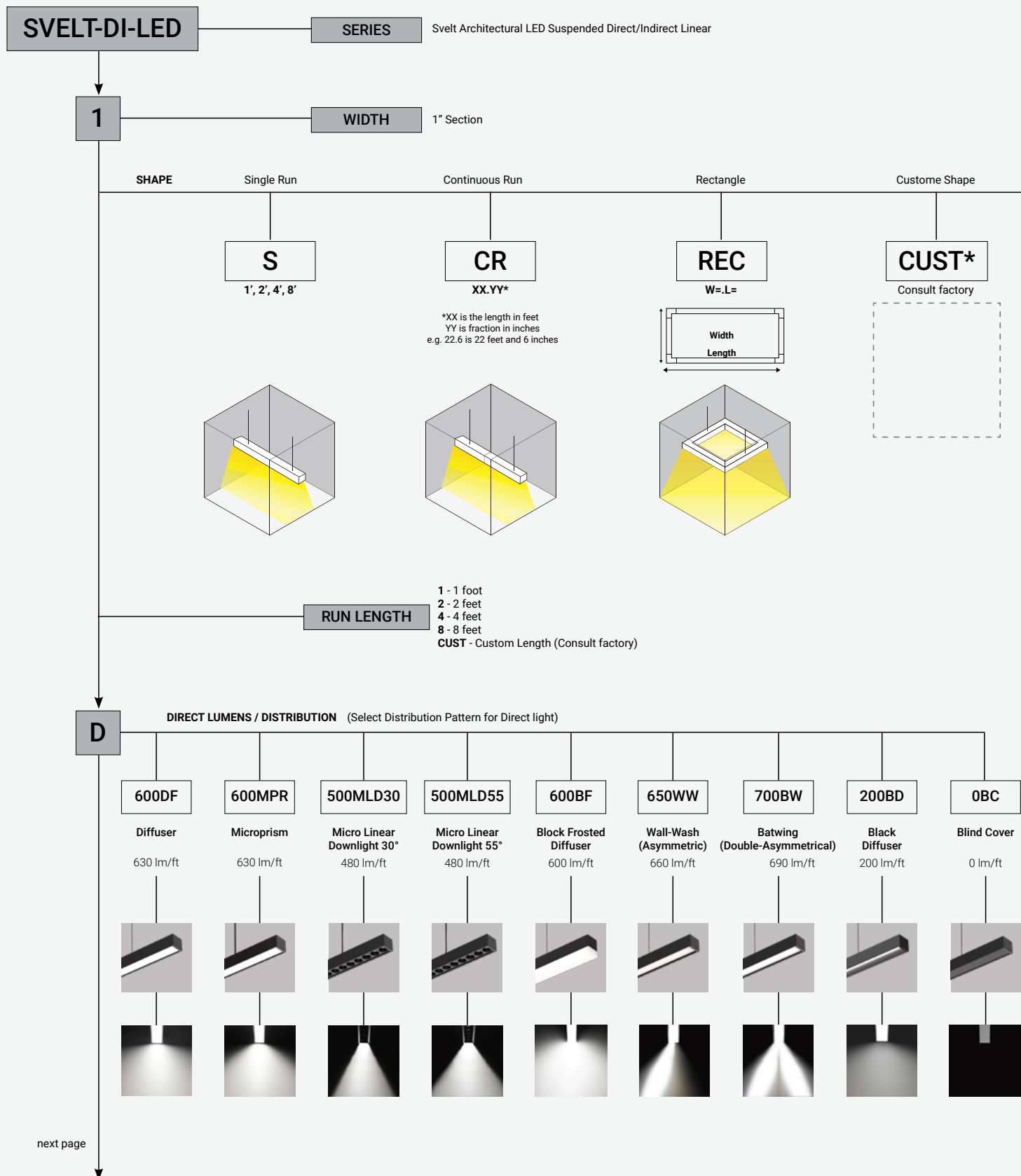
DRIVER PLACEMENT



ORDERING GUIDE

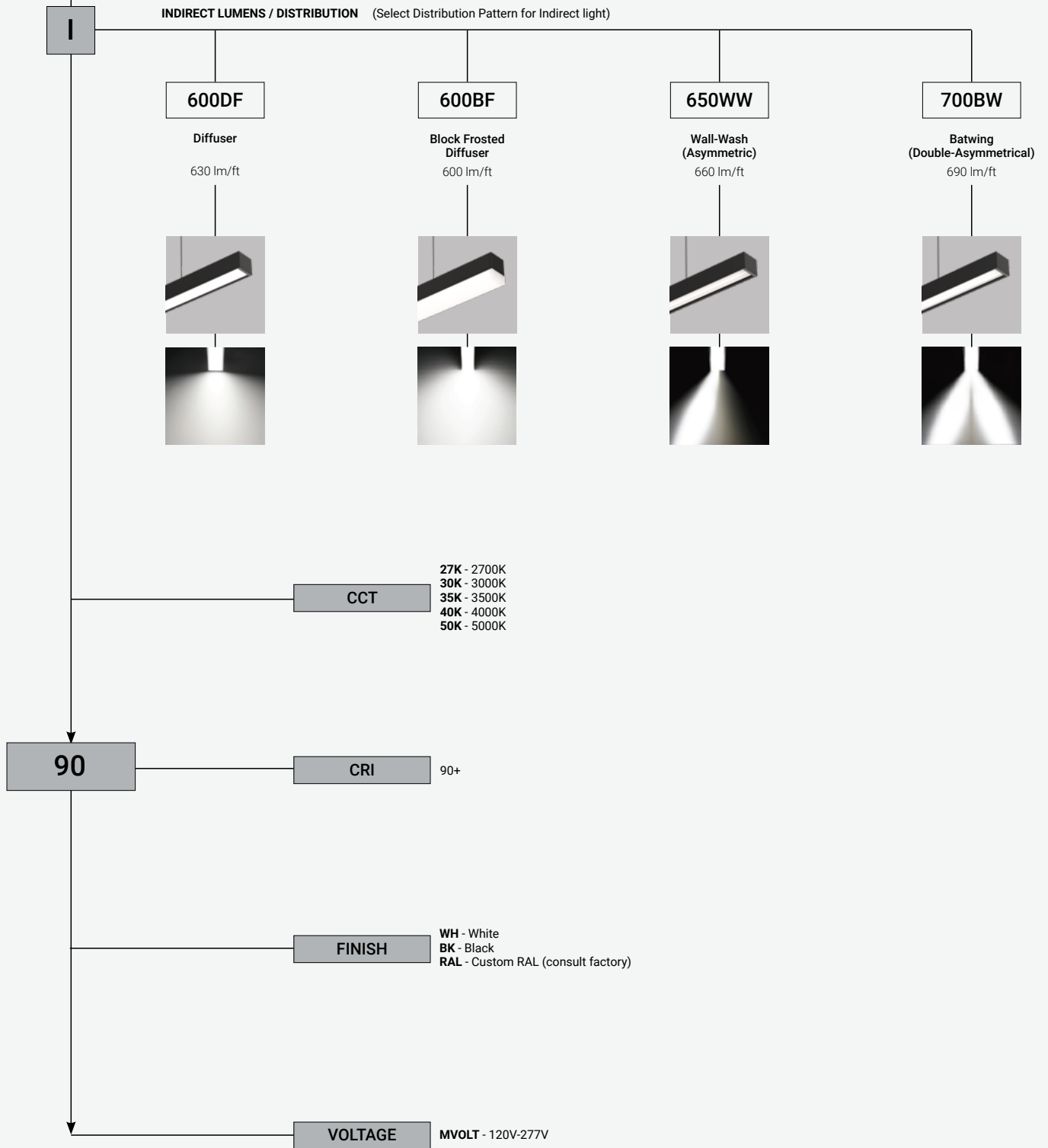
Series — Width — Shape — Length — Direct — Indirect — CCT — CRI — Finish — Voltage

example: **SVELT-DI-LED** **1** **REC** **W4L8** **4** **D600DF** **I600BF** **30K** **90** **BK** **MVOLT**



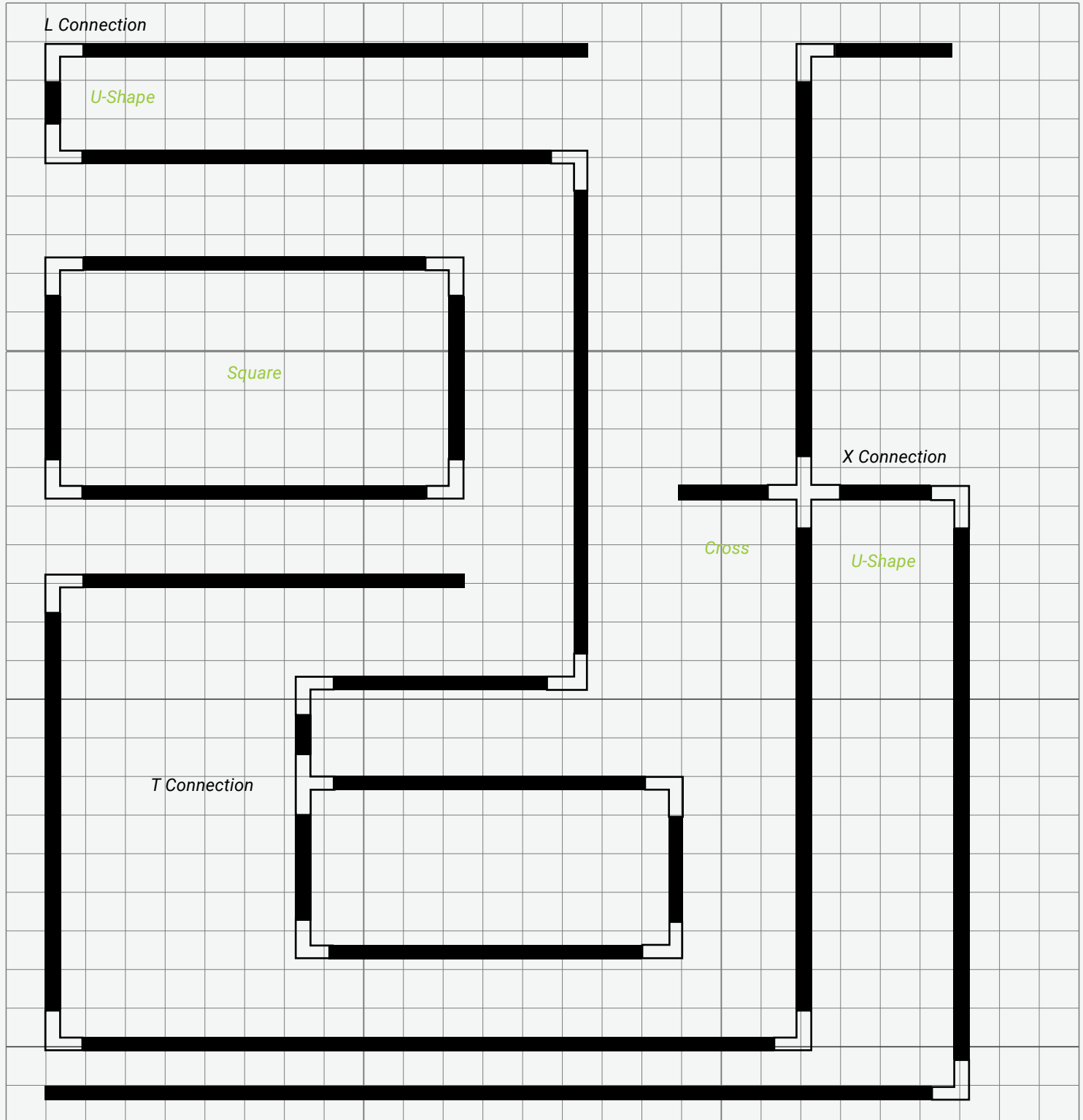
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*for Dimming and Voltage, please refer to the driver options on former pages.

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.



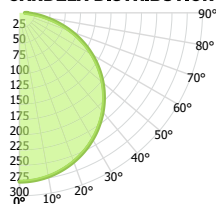
BF - Block Frosted Diffuser - 100 lm/w, 600 lm/ft

SVELT-DI-LED-1-S-4-D500L-BF-U500L-DF-DIM10-24-40K-90-BK

TEST NO.: **EL12192221**

INPUT WATTS: **52.8** LUMENS: **3311** EFFICACY: **63** BEAM ANGLE: **116** SPACING CRITERIA: **1.29**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	277	277
10°	272	284
20°	260	292
30°	240	294
40°	212	286
50°	178	269
60°	137	243
70°	91	209
80°	42	170
90°	12	135

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	7451	7451
10°	7452	10610
20°	7425	12071
30°	7294	14486
40°	6844	19761
50°	6215	46375

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	26
10° - 20°	78
20° - 30°	125
30° - 40°	163
40° - 50°	186
50° - 60°	192
60° - 70°	179
70° - 80°	149
80° - 90°	109

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	104	3%
0° - 30°	229	7%
0° - 40°	392	12%
0° - 60°	770	23%
0° - 80°	1098	33%
0° - 90°	1207	36%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	7.7 fc	19.0 ft	140.3 ft
8.0 ft	4.3 fc	25.4 ft	187.1 ft
10.0 ft	2.8 fc	31.7 ft	233.9 ft
12.0 ft	1.9 fc	38.1 ft	280.7 ft
14.0 ft	1.4 fc	44.4 ft	327.4 ft
16.0 ft	1.1 fc	50.8 ft	374.2 ft
18.0 ft	0.9 fc	57.1 ft	421.0 ft
20.0 ft	0.7 fc	63.5 ft	467.8 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	20%																0%	
		80%			70%			50%			30%			10%					
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	104	104	104	104	94	94	94	94	76	76	76	59	59	59	44	44	44	36	0%
1	93	88	84	80	84	80	76	73	64	61	59	49	48	46	36	35	34	27	0%
2	84	76	69	64	76	69	63	58	55	51	47	42	40	37	31	29	27	22	0%
3	76	66	58	52	68	60	53	48	48	43	39	37	33	30	27	24	22	18	0%
4	69	58	50	44	62	53	45	40	42	37	33	32	29	26	23	21	19	15	0%
5	63	51	43	37	57	47	39	34	37	32	28	29	25	22	21	18	16	12	0%
6	58	46	38	32	52	42	34	29	33	28	24	26	22	19	19	16	14	11	0%
7	54	41	33	27	48	37	30	25	30	25	21	23	19	16	17	14	12	9	0%
8	50	37	29	24	45	34	27	22	27	22	18	21	17	14	16	13	11	8	0%
9	46	34	26	21	41	31	24	19	25	20	16	19	16	13	14	12	9	7	0%
10	43	31	23	19	39	28	21	17	23	18	14	18	14	11	13	10	8	6	0%



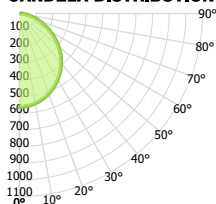
BW - Double Asymmetric 115 lm/w, 690 lm/ft

SVELT-DI-LED-1-S-4-D500L-BW-U500L-DF-DIM10-24-40K-90-BK

TEST NO.: **EL12192221**

INPUT WATTS: **52.8** LUMENS: **3737** EFFICACY: **71** BEAM ANGLE: **39** SPACING CRITERIA: **1.21**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	562	562
10°	548	560
20°	513	696
30°	459	720
40°	389	459
50°	305	253
60°	212	146
70°	124	68
80°	51	16
90°	11	2

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	15125	15125
10°	13280	13006
20°	12156	8956
30°	10634	6989
40°	8921	3795
50°	7253	1170

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	57
10° - 20°	188
20° - 30°	331
30° - 40°	397
40° - 50°	353
50° - 60°	264
60° - 70°	170
70° - 80°	81
80° - 90°	18

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	244	7%
0° - 30°	575	15%
0° - 40°	971	26%
0° - 60°	1588	42%
0° - 80°	1839	49%
0° - 90°	1857	50%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	15.6 fc	4.3 ft	9.5 ft
8.0 ft	8.8 fc	5.7 ft	12.7 ft
10.0 ft	5.6 fc	7.2 ft	15.9 ft
12.0 ft	3.9 fc	8.6 ft	19.1 ft
14.0 ft	2.9 fc	10.0 ft	22.2 ft
16.0 ft	2.2 fc	11.5 ft	25.4 ft
18.0 ft	1.7 fc	12.9 ft	28.6 ft
20.0 ft	1.4 fc	14.3 ft	31.8 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	20%																0%	
		80%			70%			50%			30%			10%					
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50	0%
1	98	94	90	87	90	87	84	81	74	71	69	61	60	58	50	49	48	43	0%
2	90	83	77	72	83	76	71	67	65	61	58	54	52	49	44	43	41	36	0%
3	82	73	66	60	75	68	61	56	58	53	49	48	45	42	40	37	35	31	0%
4	75	65	57	51	69	60	53	48	51	46	42	43	39	36	36	33	31	27	0%
5	69	58	50	44	63	54	47	41	46	40	36	39	35	31	32	29	27	24	0%
6	64	52	44	38	59	48	41	36	41	36	32	35	31	28	29	26	24	21	0%
7	59	47	39	33	54	43	36	31	38	32	28	32	28	24	27	23	21	18	0%
8	54	42	35	29	50	39	33	28	34	29	25	29	25	22	24	21	19	16	0%
9	51	39	31	26	47	36	29	25	31	26	22	27	23	19	23	19	17	15	0%
10	47	35	28	23	44	33	27	22	29	24	20	25	21	18	21	18	15	13	0%



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

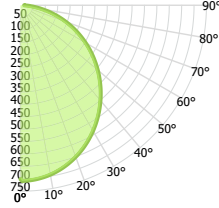


SVELT-DI-LED-1-S-4-D500L-DF-U500L-DF-DIM10-24-40K-90-BK

TEST NO.: **EL12192221**

INPUT WATTS: **52.8** LUMENS: **3762** EFFICACY: **71** BEAM ANGLE: **110** SPACING CRITERIA: **1.24**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	702	702
10°	694	687
20°	651	638
30°	585	563
40°	502	473
50°	406	376
60°	303	275
70°	194	168
80°	86	66
90°	15	3

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	18878	18878
45.00°	17321	16167
55.00°	16680	15283
65.00°	15847	14153
75.00°	14485	11996
85.00°	12742	7932

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	65
10° - 20°	185
20° - 30°	275
30° - 40°	325
40° - 50°	332
50° - 60°	298
60° - 70°	229
70° - 80°	133
80° - 90°	38

ZONAL LUMEN SUMMARY

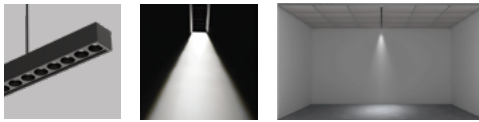
ZONE	UMENS	% LUMINAIRE
0° - 20°	251	7%
0° - 30°	526	14%
0° - 40°	851	23%
0° - 60°	1481	39%
0° - 80°	1843	49%
0° - 90°	1881	50%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	19.5 fc	17.3 ft	14.9 ft
8.0 ft	11.0 fc	23.0 ft	19.8 ft
10.0 ft	7.0 fc	28.8 ft	24.8 ft
12.0 ft	4.9 fc	34.5 ft	29.8 ft
14.0 ft	3.6 fc	40.3 ft	34.7 ft
16.0 ft	2.7 fc	46.0 ft	39.7 ft
18.0 ft	2.2 fc	51.8 ft	44.7 ft
20.0 ft	1.8 fc	57.6 ft	49.6 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	20%																0%	
		80%			70%			50%			30%			10%					
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	56	50
1	98	93	89	86	90	86	83	80	73	70	68	61	59	57	49	48	47	47	42
2	89	81	75	70	82	75	70	65	64	60	56	53	50	48	43	41	39	35	29
3	81	71	64	58	74	66	60	54	56	51	47	47	43	40	38	36	33	29	25
4	74	63	55	49	68	58	51	46	50	44	40	42	38	34	34	31	29	25	22
5	68	56	48	42	62	52	45	39	44	39	34	37	33	30	31	27	25	22	19
6	62	50	42	36	57	47	39	34	40	34	30	34	29	26	28	24	22	19	17
7	58	45	37	32	53	42	35	30	36	30	26	31	26	23	25	22	19	17	15
8	54	41	33	28	49	38	31	26	33	27	23	28	24	20	23	20	17	15	14
9	50	37	30	25	46	35	28	23	30	25	21	26	21	18	21	18	16	14	14
10	46	34	27	22	43	32	26	21	28	22	19	24	19	16	20	17	14	12	12



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

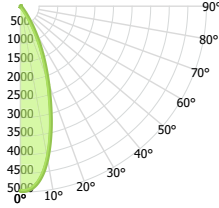


SVELT-DI-LED-1-S-4-D500L-MLD30-U500L-DF-DIM10-24-40K-90-BK

TEST NO.: **EL12192221**

INPUT WATTS: **52.8** LUMENS: **3857** EFFICACY: **73** BEAM ANGLE: **36** SPACING CRITERIA: **0.59**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	4966	4966
10°	4161	4139
20°	2153	1959
30°	720	564
40°	56	33
50°	13	13
60°	5	5
70°	3	3
80°	2	2
90°	8	1

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	133634	133634
45.00°	803	715
55.00°	403	392
65.00°	209	213
75.00°	250	254
85.00°	491	519

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	431
10° - 20°	820
20° - 30°	559
30° - 40°	132
40° - 50°	16
50° - 60°	7
60° - 70°	4
70° - 80°	3
80° - 90°	2

ZONAL LUMEN SUMMARY

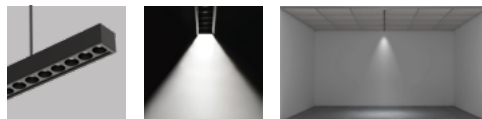
ZONE	UMENS	% LUMINAIRE
0° - 20°	1251	32%
0° - 30°	1810	47%
0° - 40°	1941	50%
0° - 60°	1965	51%
0° - 80°	1971	51%
0° - 90°	1974	51%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	137.9 fc	3.9 ft	3.6 ft
8.0 ft	77.6 fc	5.2 ft	4.8 ft
10.0 ft	49.7 fc	6.5 ft	6.1 ft
12.0 ft	34.5 fc	7.7 ft	7.3 ft
14.0 ft	25.3 fc	9.0 ft	8.5 ft
16.0 ft	19.4 fc	10.3 ft	9.7 ft
18.0 ft	15.3 fc	11.6 ft	10.9 ft
20.0 ft	12.4 fc	12.9 ft	12.1 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	20%																0%	
		80%			70%			50%			30%			10%					
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	107	107	107	107	99	99	99	99	84	84	84	70	70	70	57	57	57	57	51
1	101	98	95	92	93	91	88	86	78	76	75	66	65	64	55	54	54	54	49
2	95	89	85	81	88	83	80	77	72	70	68	62	60	59	53	52	51	47	47
3	89	82	77	73	83	77	73	69	68	64	62	59	57	55	51	49	48	44	44
4	84	76	70	66	78	72	67	63	63	60	57	56	53	51	48	47	46	42	42
5	79	71	65	60	74	67	62	58	60	56	53	53	50	48	46	45	43	41	41
6	75	66	60	56	70	63	57	53	56	52	49	50	47	45	45	43	41	39	39
7	71	62	56	52	67	59	54	50	53	49	46	48	45	43	43	41	39	37	37
8	68	58	52	48	64	56	50	47	50	46	44	46	43	41	41	39	38	36	36
9	64	55	49	45	61	53	47	44	48	44	41	44	41	39	40	38	36	34	34
10	61	52	46	43	58	50	45	41	46	42	39	42	39	37	38	36	35	33	33



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

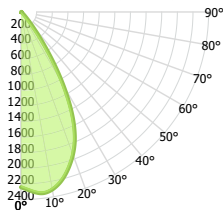


SVELT-DI-LED-1-S-4-D500L-MLD55-U500L-DF-DIM10-24-40K-90-BK

TEST NO.: **EL12192221**

INPUT WATTS: **52.8** LUMENS: **3747** EFFICACY: **71** BEAM ANGLE: **57** SPACING CRITERIA: **0.96 x 0.96**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	2242	2242
10°	2306	2359
20°	1941	1947
30°	1086	996
40°	184	140
50°	24	19
60°	5	5
70°	3	3
80°	2	2
90°	8	1

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	60326	60326
45.00°	2408	1802
55.00°	469	419
65.00°	208	213
75.00°	250	256
85.00°	491	522

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	216
10° - 20°	587
20° - 30°	687
30° - 40°	304
40° - 50°	54
50° - 60°	9
60° - 70°	4
70° - 80°	3
80° - 90°	3

ZONAL LUMEN SUMMARY

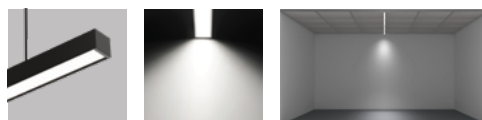
ZONE	UMENS	% LUMINAIRE
0° - 20°	803	21%
0° - 30°	1490	40%
0° - 40°	1793	48%
0° - 60°	1857	50%
0° - 80°	1863	50%
0° - 90°	1866	50%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	62.3 fc	6.5 ft	6.4 ft
8.0 ft	35.0 fc	8.7 ft	8.6 ft
10.0 ft	22.4 fc	10.8 ft	10.7 ft
12.0 ft	15.6 fc	13.0 ft	12.9 ft
14.0 ft	11.4 fc	15.1 ft	15.0 ft
16.0 ft	8.8 fc	17.3 ft	17.2 ft
18.0 ft	6.9 fc	19.5 ft	19.3 ft
20.0 ft	5.6 fc	21.6 ft	21.5 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	20%																0%			
	80%				70%				50%				30%							
pc	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	69	69	69	56	56	50
1	100	97	94	91	92	90	87	85	76	75	73	64	63	62	53	53	53	52	47	47
2	94	88	83	79	87	82	78	74	70	68	65	60	58	57	50	49	48	48	44	44
3	88	80	75	70	81	75	70	66	65	62	59	56	54	52	48	46	45	45	41	41
4	82	73	67	63	76	69	64	59	60	56	53	52	50	48	45	43	42	42	39	39
5	77	68	61	56	72	64	58	54	56	52	49	49	46	44	43	41	39	36	36	36
6	72	62	56	51	67	59	53	49	52	48	45	46	43	41	40	38	37	34	34	34
7	68	58	51	47	63	55	49	45	49	45	41	43	40	38	38	36	34	32	32	32
8	64	54	47	43	60	51	45	41	46	41	38	41	38	35	36	34	32	30	29	29
9	60	50	44	40	57	48	42	38	43	39	36	39	35	33	35	32	30	29	29	29
10	57	47	41	37	54	45	39	36	41	36	33	37	33	31	33	30	29	27	27	27



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

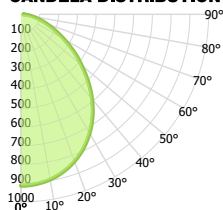


SVELT-DI-LED-1-S-4-D500L-MPR-U500L-DF-DIM10-24-40K-90-BK

TEST NO.: **EL12192221**

INPUT WATTS: **52.8** LUMENS: **3663** EFFICACY: **69** BEAM ANGLE: **95** SPACING CRITERIA: **1.19**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	914	914
10°	894	886
20°	834	771
30°	731	573
40°	588	363
50°	420	230
60°	265	140
70°	143	75
80°	61	30
90°	13	2

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	24584	24584
45.00°	19248	11060
55.00°	16034	8489
65.00°	12611	6571
75.00°	10236	5263
85.00°	9679	3402

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	86
10° - 20°	238
20° - 30°	332
30° - 40°	348
40° - 50°	303
50° - 60°	226
60° - 70°	147
70° - 80°	79
80° - 90°	25

ZONAL LUMEN SUMMARY

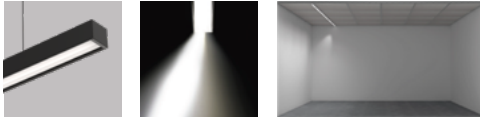
ZONE	UMENS	% LUMINAIRE
0° - 20°	324	9%
0° - 30°	656	18%
0° - 40°	1004	27%
0° - 60°	1534	42%
0° - 80°	1759	48%
0° - 90°	1784	49%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	25.4 fc	13.2 ft	8.4 ft
8.0 ft	14.3 fc	17.6 ft	11.2 ft
10.0 ft	9.1 fc	22.0 ft	13.9 ft
12.0 ft	6.3 fc	26.4 ft	16.7 ft
14.0 ft	4.7 fc	30.7 ft	19.5 ft
16.0 ft	3.6 fc	35.1 ft	22.3 ft
18.0 ft	2.8 fc	39.5 ft	25.1 ft
20.0 ft	2.3 fc	43.9 ft	27.9 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	20%																0%		
	80%				70%				50%				30%						
pc	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
0	107	107	107	107	98	98	98	98	83	83	83	68	68	68	55	55	55	49	49
1	98	94	90	87	90	87	84	81	73	71	69	61	59	58	49	48	47	42	42
2	90	83	77	72	83	77	72	67	65	61	58	54	52	49	44	42	41	36	36
3	82	73	66	61	76	68	62	57	58	53	50	48	45	42	40	37	36	31	31
4	76	65	58	52	70	61	54	49	52	47	43	44	40	37	36	33	31	28	28
5	70	58	51	45	64	54	48	42	47	41	37	39	35	32	33	30	28	24	24
6	64	53	45	39	59	49	42	37	42	37	33	36	32	29	30	27	25	22	22
7	60	48	40	35	55	45	38	33	39	33	29	33	29	26	28	24	22	20	20
8	55	44	36	31	51	41	34	29	35	30	26	30	26	23	25	22	20	18	18
9	52	40	33	28	48	37	31	26	32	27	24	28	24	21	24	21	18	16	16
10	48	37	30	25	45	34	28	24	30	25	21	26	22	19	22	19	17	15	15



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



SVELT-DI-LED-1-S-4-D500L-WW-U500L-DF-DIM10-24-40K-90-BK

TEST NO.: **EL12192221**

INPUT WATTS: **52.8**

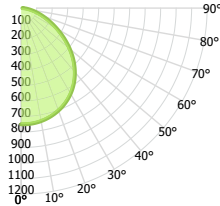
LUMENS: **3688**

EFFICACY: **70**

BEAM ANGLE: **70**

SPACING CRITERIA: **1.25**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	750	750
10°	740	1057
20°	703	1155
30°	638	937
40°	538	522
50°	408	282
60°	266	152
70°	145	67
80°	57	21
90°	11	2

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	20169	20169
45.00°	18140	14531
55.00°	15781	9791
65.00°	12802	6675
75.00°	10085	4294
85.00°	7926	1556

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	71
10° - 20°	214
20° - 30°	329
30° - 40°	364
40° - 50°	322
50° - 60°	248
60° - 70°	162
70° - 80°	80
80° - 90°	19

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	285	8%
0° - 30°	614	17%
0° - 40°	978	27%
0° - 60°	1549	42%
0° - 80°	1790	49%
0° - 90°	1809	49%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	20.8 fc	8.5 ft	5.4 ft
8.0 ft	11.7 fc	11.3 ft	7.2 ft
10.0 ft	7.5 fc	14.1 ft	9.0 ft
12.0 ft	5.2 fc	17.0 ft	10.8 ft
14.0 ft	3.8 fc	19.8 ft	12.6 ft
16.0 ft	2.9 fc	22.6 ft	14.4 ft
18.0 ft	2.3 fc	25.4 ft	16.2 ft
20.0 ft	1.9 fc	28.3 ft	18.0 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	20%																0%							
	80%				70%				50%				30%					10%						
pc	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	30%	10%	50%	30%	10%	10%	50%	30%	10%	0%
0	107	107	107	107	99	99	99	99	83	83	83	68	68	68	68	55	55	55	55	55	55	55	49	
1	98	94	90	87	90	87	84	81	73	71	69	61	59	58	50	49	48	48	48	48	48	48	42	
2	90	83	77	72	82	76	71	67	65	61	58	54	52	49	44	42	41	41	41	41	41	36		
3	82	73	66	60	75	68	62	57	58	53	49	48	45	42	40	37	35	31	31	31	31	31		
4	75	65	57	51	69	60	54	48	51	46	42	43	40	36	36	33	31	27	27	27	27	27		
5	69	58	50	44	64	54	47	42	46	41	37	39	35	32	32	29	27	24	24	24	24	24		
6	64	52	44	39	59	49	42	36	42	36	32	35	31	28	29	26	24	21	21	21	21	21		
7	59	47	39	34	54	44	37	32	38	32	28	32	28	25	27	24	21	19	19	19	19	19		
8	55	43	35	30	51	40	33	28	35	29	25	30	25	22	25	22	19	17	17	17	17	17		
9	51	39	32	27	47	37	30	25	32	27	23	27	23	20	23	20	18	15	15	15	15	15		
10	48	36	29	24	44	34	27	23	29	24	21	25	21	18	21	18	16	14	14	14	14	14		