

SS LED

Project Name:	
Type:	

**APPLICATION**

The LED slim strip light series are more efficient and compact. The LED technology used illuminates a crisper brightness while saving more energy to that of the traditional lights. Its functionality makes it a standard fixture used in storage areas, displays, institutions, industrial and retail applications.

FEATURES:

- Die-formed steel channel with knock-outs for versatile configuration and simple mounting.
- Available with 1 or 2 rows of LED, and in single unit lengths or as tandems.
- One continuous lens for 8-foot fixtures.
- Finish is high-gloss baked white enamel over rust inhibiting phosphate coating for maximum corrosion resistance.
- 11.9% uplight (RF lens), 13.4% uplight (SF lens).
- Paint after fabrication.

MOUNTING:

- Fixture is wall mounted (Not available with sensor option), surface mounted, or suspended mounted with chains, stems or cables.
- Joiner clip provided for easy continuous run (with "CON" option).
- Metal belly band provided to eliminate light leak from space between lenses in continuous run (with "CON" option).
- Rotatable mounting bracket is optional.
- Compatible with most ceiling types.

LED:

- High quality array LEDs.
- LM80
- Color Temperature: 2700/3000/3500/4000/5000 (K)
- Color Rendering Index: > 82.8
- Calculated L70: 122,000 hours
- Reported L70: +60,000 hours

ELECTRICAL:

- High power factor electronic driver, operate from a 120 ~ 277 Vac input range, 50 / 60 Hz.
- Features included over voltage protection, surge, short circuit protection and over load protection.
- Power Factor: typical > 0.95, THD <20, meets Class1 or Class2 circuit.
- Generic : 0-10V 10% dim. (GR)
- Minimum starting temperature: -4°F (-20°C) ~ 122°F (50°C).
- <ELCU-200>
- Guarantees emergency lighting remains ON or is turned on when power to the control device is lost.
- Interfaces with fire alarm panel or security system.
- "Watchdog" feature allows emergency loads to be controlled in tandem with normal power loads.
- UL listed for use in emergency circuits.

LISTING:

- UL/CUL listed and labeled.
- Listed to UL 1598 and UL 8750.
- DLC listed. ⁶
- Suitable for damp locations.
- CEC Compliant EM (please contact for more information)
- ARRA compliant (optional).
- BAA compliant (optional).
- Trade Agreements Act compliant (optional).
- 5 years warranty.
- 7 or 10 years limited warranty. (optional) ⁵
- Bluetooth Mesh System available, please contact factory for more information.

SS LED

CONFIGURATIONS

Series	Size	Model #	AC Input	Lens	Lumen Output (3000K)	Lumen Efficiency (3000K)	lm Lumen Output (3500K)	Lumen Efficiency (3500K)	Lumen Output (4000K)	Lumen Efficiency (4000K)	Lumen Output (5000K)	Lumen Efficiency (5000K)
SS	2FT	L18	19.2W	SC	2470.89 lm	130.58 lm/W	2525.06 lm	131.51 lm/W	2553.43 lm	130.58 lm/W	2579.22 lm	134.33 lm/W
				SF	2330.81 lm	123.18 lm/W	2381.91 lm	124.06 lm/W	2408.67 lm	123.18 lm/W	2433 lm	126.72 lm/W
				RC	2514.48 lm	132.88 lm/W	2569.60 lm	133.83 lm/W	2598.47 lm	132.88 lm/W	2624.72 lm	136.70 lm/W
				RF	2336.50 lm	123.48 lm/W	2387.72 lm	124.36 lm/W	2414.55 lm	123.48 lm/W	2438.94 lm	127.03 lm/W
				NLE	2589.91 lm	134.89 lm/W	2646.68 lm	137.84 lm/W	2676.42 lm	139.39 lm/W	2703.46 lm	140.80 lm/W
		L27	29.7W	SC	3873.47 lm	130.42 lm/W	3958.41 lm	133.28 lm/W	4002.9 lm	134.78 lm/W	4178.49 lm	140.69 lm/W
				SF	3653.9 lm	123.03 lm/W	3733.88 lm	125.72 lm/W	3776.05 lm	127.14 lm/W	3941.48 lm	132.71 lm/W
				RC	3941.78 lm	132.72 lm/W	4028.21 lm	135.63 lm/W	4073.35 lm	137.15 lm/W	4252.14 lm	143.17 lm/W
				RF	3662.9 lm	123.33 lm/W	3743.09 lm	126.03 lm/W	3785.26 lm	127.45 lm/W	3950.99 lm	133.03 lm/W
				NLE	4060.03 lm	136.70 lm/W	4149.05 lm	139.69 lm/W	4195.55 lm	141.26 lm/W	4379.70 lm	147.46 lm/W
		L36	37.26W	SC	4859.50 lm	130.42 lm/W	4966.02 lm	133.28 lm/W	5021.81 lm	134.78 lm/W	5241.96 lm	140.69 lm/W
				SF	4584 lm	123.03 lm/W	4684.48 lm	125.72 lm/W	4737.11 lm	127.14 lm/W	4944.78 lm	132.71 lm/W
				RC	4945.22 lm	132.72 lm/W	5053.62 lm	135.63 lm/W	5110.39 lm	137.15 lm/W	5334.43 lm	143.17 lm/W
				RF	4595.18 lm	123.33 lm/W	4695.91 lm	126.03 lm/W	4748.67 lm	127.45 lm/W	4956.85 lm	133.03 lm/W
				NLE	5093.57 lm	136.70 lm/W	5205.22 lm	139.70 lm/W	5263.70 lm	141.27 lm/W	5494.46 lm	147.46 lm/W
	3FT	L13	14.85W	SC	1907.18 lm	128.43 lm/W	1955.3 lm	131.67 lm/W	1979.35 lm	133.29 lm/W	2003.26 lm	134.9 lm/W
				SF	1799 lm	121.15 lm/W	1844.37 lm	124.2 lm/W	1867.1 lm	125.73 lm/W	1889.8 lm	127.26 lm/W
				RC	1940.74 lm	130.69 lm/W	1989.75 lm	133.99 lm/W	2014.25 lm	135.64 lm/W	2038.6 lm	137.28 lm/W
				RF	1803.38 lm	121.44 lm/W	1848.97 lm	124.51 lm/W	1871.7 lm	126.04 lm/W	1894.4 lm	127.57 lm/W
				NLE	1998.95 lm	134.61 lm/W	2049.3 lm	138 lm/W	2074.54 lm	139.7 lm/W	2099.8 lm	141.4 lm/W
		L20	22W	SC	2801 lm	127.32 lm/W	3073.4 lm	130.53 lm/W	2906.86 lm	132.13 lm/W	2942.28 lm	133.74 lm/W
				SF	2642.2 lm	120.1 lm/W	2708.86 lm	123.13 lm/W	2742 lm	124.64 lm/W	2775.3 lm	126.15 lm/W
				RC	2850.32 lm	129.56 lm/W	2922.26 lm	132.83 lm/W	2958 lm	134.46 lm/W	2994 lm	139.09 lm/W
				RF	2648.58 lm	120.39 lm/W	2715.46 lm	123.43 lm/W	2748.68 lm	124.94 lm/W	2782.12 lm	126.46 lm/W
				NLE	2935.68 lm	133.44 lm/W	3009.8 lm	136.81 lm/W	3046.78 lm	138.49 lm/W	3083.74 lm	140.17 lm/W
		L27	29.7W	SC	3814.37 lm	128.43 lm/W	3910.6 lm	131.37 lm/W	3958.7 lm	133.29 lm/W	4006.53 lm	134.9 lm/W
				SF	3598.15 lm	131.15 lm/W	3688.74 lm	124.2 lm/W	3734.2 lm	125.73 lm/W	3779.6 lm	127.26 lm/W
				RC	3881.5 lm	130.69 lm/W	3979.5 lm	133.99 lm/W	4028.5 lm	135.64 lm/W	4077.2 lm	137.28 lm/W
				RF	3606.76 lm	121.44 lm/W	3697.9 lm	124.51 lm/W	3743.38 lm	126.04 lm/W	3788.8 lm	127.57 lm/W
				NLE	3998 lm	134.61 lm/W	4098.6 lm	138 lm/W	4149 lm	139.7 lm/W	4199.58 lm	141.4 lm/W
		L40	44.55W	SC	5734.47 lm	128.72 lm/W	5879.26 lm	131.97 lm/W	5951.43 lm	133.59 lm/W	6023.6 lm	135.21 lm/W
				SF	5409.26 lm	121.42 lm/W	5545.58 lm	124.48 lm/W	5613.74 lm	126.01 lm/W	5682.35 lm	127.55 lm/W
				RC	5835.6 lm	130.99 lm/W	5982.62 lm	134.29 lm/W	6056.12 lm	135.94 lm/W	6130 lm	137.6 lm/W
				RF	5422.6 lm	121.72 lm/W	5559.4 lm	124.79 lm/W	5627.55 lm	126.32 lm/W	5696.16 lm	127.86 lm/W
				NLE	6010.68 lm	134.92 lm/W	6162.15 lm	138.32 lm/W	6237.9 lm	140.02 lm/W	6313.62 lm	141.75 lm/W
		L54	59.4W	SC	7645.37 lm	128.71 lm/W	7838.4 lm	131.96 lm/W	7934.65 lm	133.58 lm/W	8028.5 lm	135.16 lm/W
				SF	7212.34 lm	121.42 lm/W	7394.1 lm	124.48 lm/W	7485 lm	126.01 lm/W	7576.47 lm	127.55 lm/W
				RC	7780.2 lm	130.98 lm/W	7976.8 lm	134.29 lm/W	8074.8 lm	135.94 lm/W	8170.47 lm	137.55 lm/W
				RF	7229.57 lm	121.71 lm/W	7411.9 lm	124.78 lm/W	7503.4 lm	126.32 lm/W	7591.9 lm	127.81 lm/W
				NLE	8013.65 lm	134.91 lm/W	8430.6 lm	141.93 lm/W	8534 lm	143.67 lm/W	8634.9 lm	145.37 lm/W

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Series	Size	Model #	AC Input	Lens	Lumen Output (3000K)	Lumen Efficiency (3000K)	Lumen Output (3500K)	Lumen Efficiency (3500K)	Lumen Output (4000K)	Lumen Efficiency (4000K)	Lumen Output (5000K)	Lumen Efficiency (5000K)
SS	4FT	L27	29.9W	SC	3806.76 lm	127.32 lm/W	3902.73 lm	130.53 lm/W	3950.72 lm	132.13 lm/W	3998.7 lm	133.74 lm/W
				SF	3590.94 lm	120.10 lm/W	3681.47 lm	123.13 lm/W	3726.74 lm	124.64 lm/W	3772 lm	126.15 lm/W
				RC	3873.91 lm	129.56 lm/W	3971.57 lm	132.83 lm/W	4020.41 lm	134.46 lm/W	4069.23 lm	136.09 lm/W
				RF	3599.70 lm	120.39 lm/W	3690.45 lm	123.43 lm/W	3735.83 lm	124.94 lm/W	3781.20 lm	126.46 lm/W
				NLE	3990.12 lm	133.44 lm/W	4090.71 lm	136.81 lm/W	4141.02 lm	138.49 lm/W	4191.30 lm	140.17 lm/W
		L36	39.33W	SC	5051.12 lm	128.43 lm/W	5178.46 lm	131.67 lm/W	5242.13 lm	133.29 lm/W	5305.80 lm	134.90 lm/W
				SF	4764.76 lm	121.15 lm/W	4884.88 lm	124.20 lm/W	4944.94 lm	125.73 lm/W	5005 lm	127.26 lm/W
				RC	5140.22 lm	130.69 lm/W	5269.81 lm	133.99 lm/W	5334.60 lm	135.64 lm/W	5399.39 lm	137.28 lm/W
				RF	4776.39 lm	121.44 lm/W	4896.80 lm	124.51 lm/W	4957.01 lm	126.04 lm/W	5017.21 lm	127.57 lm/W
				NLE	5294.42 lm	134.61 lm/W	5427.90 lm	138 lm/W	5494.63 lm	139.70 lm/W	5561.37 lm	141.40 lm/W
		L54	57.36W	SC	7383.42 lm	128.72 lm/W	7569.56 lm	131.97 lm/W	7662.63 lm	133.59 lm/W	7755.69 lm	135.21 lm/W
				SF	6964.83 lm	121.42 lm/W	7140.42 lm	124.48 lm/W	7228.21 lm	126.01 lm/W	7316 lm	127.55 lm/W
				RC	7513.66 lm	130.99 lm/W	7703.09 lm	134.29 lm/W	7797.79 lm	135.94 lm/W	7892.50 lm	137.60 lm/W
				RF	6981.82 lm	121.72 lm/W	7157.84 lm	124.79 lm/W	7245.85 lm	126.32 lm/W	7333.85 lm	127.86 lm/W
				NLE	7739.06 lm	134.92 lm/W	7934.18 lm	138.32 lm/W	8031.72 lm	140.02 lm/W	8129.27 lm	141.72 lm/W
		L72	76.48W	SC	9844.30 lm	128.71 lm/W	10356.32 lm	131.96 lm/W	10483.60 lm	133.58 lm/W	10607.57 lm	135.16 lm/W
				SF	9286.20 lm	121.42 lm/W	9769.19 lm	124.48 lm/W	9889.26 lm	126.01 lm/W	10006.20 lm	127.55 lm/W
				RC	10017.95 lm	130.98 lm/W	10539 lm	134.29 lm/W	10668.53 lm	135.94 lm/W	10794.69 lm	137.55 lm/W
				RF	9308.85 lm	121.71 lm/W	9793.03 lm	124.78 lm/W	9913.39 lm	126.32 lm/W	10030.62 lm	127.81 lm/W
				NLE	10318.48 lm	134.91 lm/W	10855.17 lm	141.93 lm/W	10988.58 lm	143.67 lm/W	11118.53 lm	145.37 lm/W
	8FT	L27	29.9W	SC	4069.09 lm	136.09 lm/W	4162.67 lm	139.22 lm/W	4213.80 lm	140.93 lm/W	4260.75 lm	142.50 lm/W
				SF	3838.26 lm	128.37 lm/W	3926.76 lm	131.33 lm/W	3974.90 lm	132.94 lm/W	4019.15 lm	134.42 lm/W
				RC	4140.85 lm	138.49 lm/W	4236.23 lm	141.68 lm/W	4288.25 lm	143.42 lm/W	4336.09 lm	145.02 lm/W
				RF	3847.83 lm	128.69 lm/W	3936.33 lm	131.65 lm/W	3984.77 lm	133.27 lm/W	4029.02 lm	134.75 lm/W
				NLE	4265.07 lm	142.64 lm/W	4363.31 lm	145.93 lm/W	4416.89 lm	147.72 lm/W	4466.17 lm	149.37 lm/W
		L36	39.33W	SC	5352.42 lm	136.09 lm/W	5475.52 lm	139.22 lm/W	5542.77 lm	140.93 lm/W	5604.52 lm	142.50 lm/W
				SF	5048.79 lm	128.37 lm/W	5165.20 lm	131.33 lm/W	5228.53 lm	132.94 lm/W	5286.73 lm	134.42 lm/W
				RC	5446.81 lm	138.49 lm/W	5572.27 lm	141.68 lm/W	5640.70 lm	143.42 lm/W	5703.63 lm	145.02 lm/W
				RF	5061.37 lm	128.69 lm/W	5177.79 lm	131.65 lm/W	5241.50 lm	133.27 lm/W	5299.71 lm	134.75 lm/W
				NLE	5610.21 lm	142.64 lm/W	5739.43 lm	145.93 lm/W	5809.92 lm	147.72 lm/W	5874.73 lm	149.37 lm/W
		L54	57.81W	SC	7867.33 lm	136.09 lm/W	8048.57 lm	139.22 lm/W	8147.42 lm	140.93 lm/W	8238.04 lm	142.50 lm/W
				SF	7421.31 lm	128.37 lm/W	7592.27 lm	131.33 lm/W	7685.52 lm	132.94 lm/W	7771 lm	134.42 lm/W
				RC	8006.11 lm	138.49 lm/W	8190.54 lm	141.68 lm/W	8291.14 lm	143.42 lm/W	8383.35 lm	145.02 lm/W
				RF	7439.42 lm	128.69 lm/W	7610.80 lm	131.65 lm/W	7704.27 lm	133.27 lm/W	7789.96 lm	134.75 lm/W
				NLE	8246.30 lm	142.64 lm/W	8436.25 lm	145.93 lm/W	8539.87 lm	147.72 lm/W	8634.85 lm	149.36 lm/W
		L72	78.2W	SC	10518.79 lm	134.51 lm/W	10761.11 lm	137.61 lm/W	10893.28 lm	139.30 lm/W	11014.44 lm	140.85 lm/W
				SF	9922.45 lm	126.89 lm/W	10151.03 lm	129.81 lm/W	10275.71 lm	131.40 lm/W	10390 lm	132.86 lm/W
				RC	10704.34 lm	136.88 lm/W	10950.93 lm	140.04 lm/W	11085.44 lm	141.76 lm/W	11208.73 lm	143.33 lm/W
				RF	9946.66 lm	127.20 lm/W	10175.80 lm	130.13 lm/W	10300.78 lm	131.72 lm/W	10415.35 lm	133.19 lm/W
				NLE	11025.47 lm	141 lm/W	11279.45 lm	144.23 lm/W	11418 lm	146.01 lm/W	11545 lm	147.63 lm/W
		L108	105.4W	SC	14203.91 lm	134.76 lm/W	14531.12 lm	137.87 lm/W	14709.60 lm	139.56 lm/W	14873.20 lm	141.11 lm/W
				SF	13398.65 lm	127.12 lm/W	13707.31 lm	130.05 lm/W	13875.67 lm	131.65 lm/W	14030 lm	133.11 lm/W
				RC	14454.46 lm	137.14 lm/W	14787.45 lm	140.30 lm/W	14969.07 lm	142.02 lm/W	15135.56 lm	143.60 lm/W
				RF	13431.34 lm	127.43 lm/W	13740.76 lm	130.37 lm/W	13909.53 lm	131.97 lm/W	14064.23 lm	133.44 lm/W
				NLE	14888.09 lm	141.25 lm/W	15231.07 lm	144.50 lm/W	15418.14 lm	146.28 lm/W	15589.62 lm	147.90 lm/W
		L144	140.53W	SC	18937.81 lm	134.76 lm/W	19374.30 lm	137.87 lm/W	19612.67 lm	139.56 lm/W	19828.68 lm	141.10 lm/W
				SF	17864.17 lm	127.12 lm/W	18275.92 lm	130.05 lm/W	18500.77 lm	131.65 lm/W	18704.54 lm	133.11 lm/W
				RC	19271.87 lm	137.14 lm/W	19716.06 lm	140.30 lm/W	19958.63 lm	142.02 lm/W	20178.46 lm	143.59 lm/W
				RF	17907.76 lm	127.43 lm/W	18320.51 lm	130.37 lm/W	18545.91 lm	131.97 lm/W	18750.18 lm	133.42 lm/W
				NLE	19850.02 lm	141.25 lm/W	20307.54 lm	144.50 lm/W	20557.38 lm	146.28 lm/W	20783.81 lm	147.89 lm/W

SS LED

ORDERING INFORMATION

EXAMPLE: SS-4-L36-40K-SC-UNV

MODEL	LENGTH			LED	COLOR TEMP.		EFFICACY	CRI		
SS	2	2' Length ⁸	(Blank) Wiring for Individual mount (Std.) CON (a total watt should be per 4ft) Wiring for Continuous mount (Specify row/length and number of power feed)	L18	18W LED	-27K 2700K ¹⁰ -30K 3000K -35K 3500K -40K 4000K (Std.) -50K 5000K	(Blank) HE	Standard High Efficacy 	(Blank) C9	80+ CRI 90+ CRI ¹¹
				L27	27W LED					
				L36	36W LED					
	3	3' Length		L13	14.85W LED					
				L20	22W LED					
		L27	29.7W LED							
		L40	44.55W LED							
		L54	59.4W LED							
	4	4' Length		L27	27W LED					
				L36	36W LED					
				L54	54W LED					
				L72	72W LED					
	8	8' Length ¹		L27	27W LED					
				L36	36W LED					
				L54	54W LED					
				L72	72W LED					
				L108	108W LED					
				L144	144W LED					
* Number of circuit(s) should be determined by the customer prior to ordering the continuous run considering the AC input voltage and total run wattage.			* Contact factory for custom wattage or lumen requirement. ³							

DIFFUSER		VOLTAGE		FIXTURE FINISH		CORD FINISH (for pendant)		CANOPY FINISH (for pendant)	
SC	Square - Clear Acrylic Lens	UNV	120-277V (Std.)	(Blank)	Semi-Glossy White (Std.)	(Blank)	White (Std.)	(Blank)	White (Std.)
SF	Square - Frosted Acrylic Lens	120	120V	*BK	Black (RAL#9011)	*BKC	Black	*BC	Black Canopy
RC	Round - Clear Acrylic Lens	277	277V	**CC	Custom Color ¹⁷			*SC	Silver Canopy
RF	Round - Frosted Acrylic Lens	347	347V	*AMB	Anti-Microbial Coating (Matte Skye White)			**CSS	Custom Canopy Color (White is Std.)
NLE	Non Lens option	480	480V						
NLEW	Non-Lens with Wall Wash optic ²²								
* Non-standard finish with extra charge. ** Additional charge & set up fee.									

CEILING TYPE (for pendant)		MOUNTING	
X1	15/16" grid T-bar ceiling	(Blank)	Ceiling Mount
X2	Hard ceiling	VH	V-Hook
X3	Sloped Hard ceiling	CHxx	Chain for use with V-hook (xx=length)
X4	9/16" T-bar ceiling	ACxx	Adjustable Aircraft Cable w/ Canopy and Cord (* xx = Specify length (48 or 96))
X5	9/16" Screw Slot ceiling	YCxx	Adjustable Aircraft Y-cable with Toggles (* xx = Specify length in inches (60, 120, 180)) (Cord not included)
		SH-3/8-xx	3/8" IPS STEM w/ Canopy (* xx = 18, 24, 36, 48 inches)
		SH-1/2-xx	1/2" IPS STEM w/ Canopy (* xx = 18, 24, 36, 48 inches)
		IDS	T-Bar Clip for Surface Mount
		RB	Ceiling / Wall mount with rotatable bracket
		CD	Conduit run
		34S	Topaz 34S Swivel stem hanger (order with SH-1/2-xx)
* Contact factory for custom length.			

LED DRIVER		OPTIONS	
GR	Generic, 0-10V 10% dim (Std.) ⁷	WG	Wireguard (White)
DM1	Generic 0-10V 1% dim	EMG8	1296 LUMEN EM Battery Backup (CEC Compliant EM) ^{2, 8, 16}
SD40	40% / 100% Bi-Level Step dim	EMG15	2430 LUMEN EM Battery Backup (CEC Compliant EM) ^{2, 8, 16}
SDXX	XX% / 100% Bi-Level Step dim (Specify XX : 10% ~ 70%)	EMG20	3240 LUMEN EM Battery Backup (CEC Compliant EM) ^{2, 8, 16}
TDM	Triac Dim. (120V only)	EMG25	4050 LUMEN EM Battery Backup (CEC Compliant EM) ^{2, 8, 16}
TD30/70	30% / 70% / 100% Tri-Level Step dim	ELCU-200	Fail-to-on Emergency lighting, UL924 ⁹
TDXX/YY	XX% / YY% / 100% Tri-Level Step dim (Specify XX, YY : 10% ~ 70%)	GT	Bodine Generator Transfer Device
EC	eldoLED ECOdrive 0-10V natural dim to 1% (Hybrid HydraDrive)	GT10DIM	Bodine Generator Transfer Device (0-10VDC Dimmer Override)
ES566	eldoLED SOLOdive Natural Dimming to dark, 0-10V, 100% ~ 0.1% dim	DPMS	Daylight Dimming Photosensor (0-10 VDC Control), (LSR-301-S required if FD-301 is installed) ^{4, 20}
LDE1	Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology, 100% ~ 1% dim	AMS	Bluetooth Mesh Wireless Sensor. Occupancy/Daylight/0-10V Dimming ^{4, 23}
ELV	ELV compatible (reverse-phase or trailing-edge), (120V only)	SO	Dimming Wires connected to Sensor Only (available option on FS-205 non-Bluetooth AMS sensor only) ¹⁸
PHSR	Philips Xitanium Sensor-Ready, Dali 5%-100% dim	LSR-301-S	Setup Remote Control for DPMS (Required for DPMS)
PHDL	Philips Xitanium DALI driver, Dim to 5%	LSR-301-P	Occupant Remote Control for DPMS
TRIO	Tridonic IoT ready, 1-100% dim via Smart Module Interface (SMI), automated dimming/lighting controls via Enlighted Sensor Interface	ARRA	Assembled in USA for Buy American Act
ND	Driver prewired for non-dimming applications	BAA	BAA(Buy American Act) and BABA(Build America Buy America) compliant
ED560	eldoLED LightShape DALI dim to dark, 0.1% ~ 100%	TAA	Trade Agreements Act compliant
DIMT	Tri-mode dimming (Triac, ELV, 0-10V)	MS	Motion Sensor
DMX	DMX512 control system (Only available with RGB+W option)	LOS-502S	Fixture external mount, PIR Occupancy Sensor, no dimming support, 120/277V with standard cone shape lens (15ft) with 1.18" extension joint. Adjustable through a dip switch
DLM	Wattstopper's DLM interface (Only available with RGB+W option)	HC403	Microwave bi-level Occupancy Sensor, adjustable via DIP switch ²¹
LTEA2W	Hi-lume 1% 2-wire LED driver (120V forward phase only)	HRC-05	Remote control for HC403 sensor
 BLT	Bluetooth Mesh System (contact factory for more information)	O7W	Optional 7 Years Limited Warranty ⁵
		O10W	Optional 10 Years Limited Warranty ⁵
		CC	Custom Color Housing (Specify RAL#)
		COC	Separated EM feed for City of Chicago code compliance
		SYM	Symmetric Reflector
		ASY	Asymmetric Reflector
		JC4	4" Octagon shape junction box cover plate

LIGHTING CONTROL SYSTEM

LUTRON VIVE	<Lutron Vive System Enabled>  Click Here!
SNS200	<EasySense>
RS-IR	EasySense Fixture-mount occupancy sensing, daylight harvesting and task tuning in one device (Must be ordered with PHSR driver) ^{12, 15} IR dongle v2.0 for EasySense control
SU-5E-IOT	<Enlighted>
SU-5E-CL	Enlighted IoT-Ready Indoor Micro sensor with occupancy/vacancy detection, daylight harvesting, thermal sensing, task tuning, and room and zone control, Bluetooth enabled ^{13, 19}
RS-WS	Enlighted Indoor Micro sensor with occupancy/vacancy detection, daylight harvesting, thermal sensing, task tuning, and room and zone control, Bluetooth enabled (Connected lighting sensor only)
	Enlighted Room controller providing basic control functions of a standard wall switch with preset dimming capability
IFS105SE	<Bluetooth>
PPA102S	Bluetooth Mesh Wireless Sensor. Occupancy/Daylight/0-10V Dimming
	Bluetooth Powerpack (Consult factory for installation location)
CASAMBI	Contact factory for CASAMBI READY options

NOTES:

- Tandem units.
- Contact factory for other emergency ballast options.
- Custom wattage products are not DLC qualified.
- Not available with Non Lens option (NLE).
- This limited warranty covers electrical parts only and does not apply to labor, equipment lease, or defect from improper installation or operation. (EM battery backup does not included)
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
- To find an approved dimmer switch, please see table 1.
- For 2' length, only EMG8 available.
- Shipped separately.
- Available with C9 (90+ CRI) only.
- Lumen per watt is around 15% less than standard CRI (80+).
- See NFC and IR manual in the separate attachment. If your phone is not compatible, please order "RS-IR" and follow the manual.
- "RS-WS" option can be added if wish to have a wall switch, please see Enlighted Room Controller in the separate attachment.
- Must be ordered with either ED560 or MU050 driver.
- Refer to Advanced Grouping Datasheet for its default setting and compatible wireless switches.
- Emergency Ballast options are not available with 347V or 480V.
- Refer to color charts (RAL and/or Cardinal) in the separate attachment.
- Dimming wires provided and connected to sensor only, not for dimmer switch. (available with AMS and DPMS option)
- Must be ordered either with 0-10V LED driver or TRIO (IoT-Ready LED driver).
- Automatic on/off is not available. For automatic on/off, additional occupancy sensor is required or a manual on/off switch can be done.
- See Table2 to find factory setting.
- Wall wash is available with NLE option only. (Available with up to 27W per 4ft section only)
- With TDM/ELV/SDxx/TDxx: Only available with line-voltage on/off occupancy sensor.

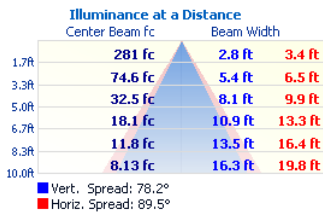
HC403 FACTORY SETTING (TABLE 2)

Detection Area	100%
Hold-time	5 sec
Daylight sensor	Disable
Stand-by period (tri-level control)	10 sec
Stand-by dimming level	10%

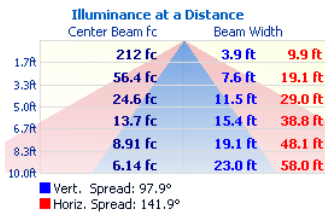
* See a separate attachment to find more setting options.

SS LED

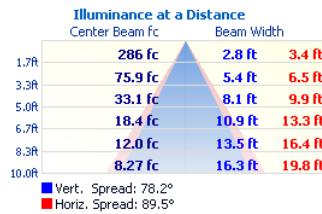
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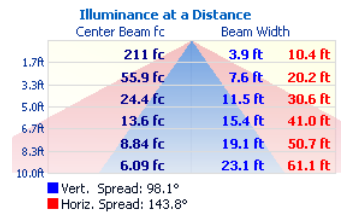
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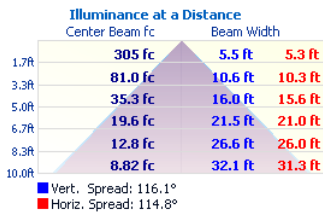
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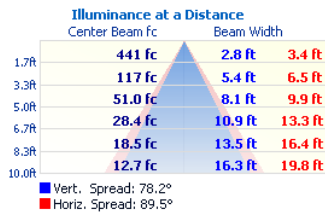
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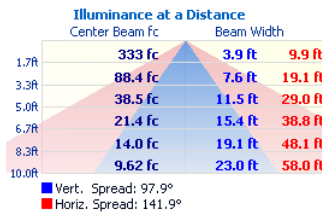
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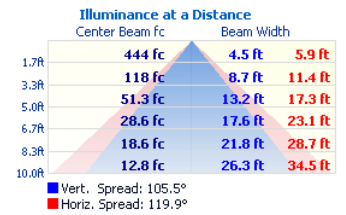
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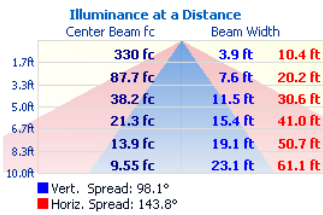
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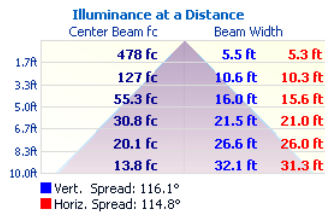
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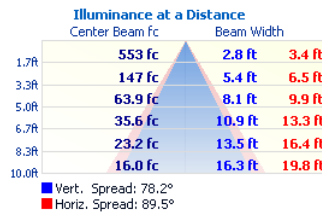
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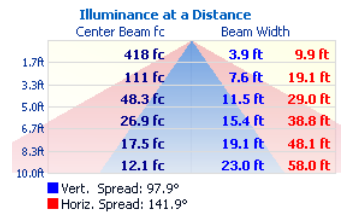
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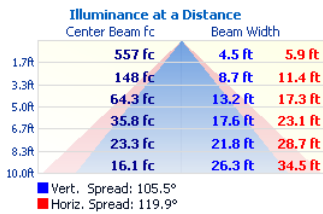
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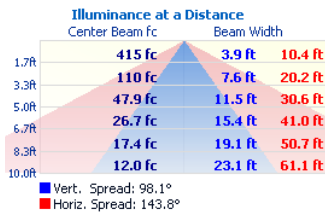
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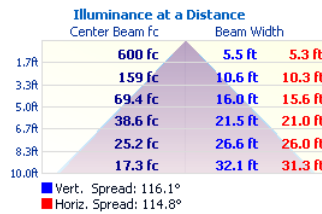
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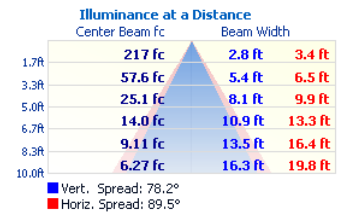
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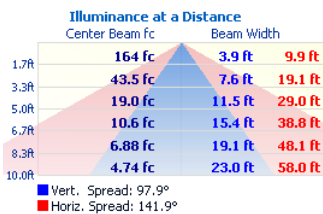
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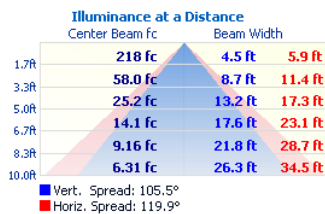
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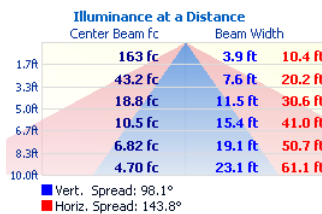
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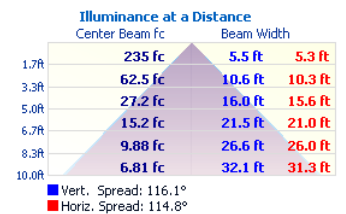
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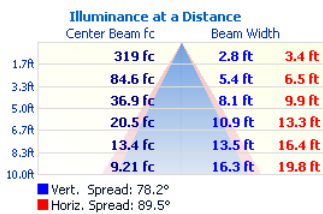
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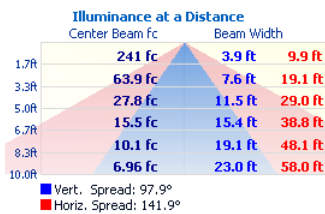
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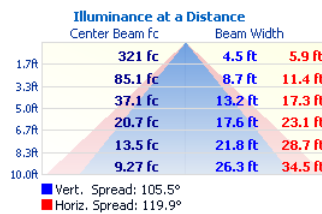
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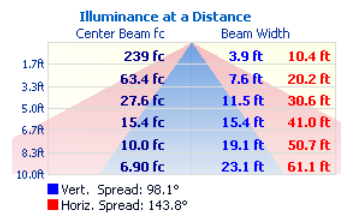
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SS-3-L20-RC

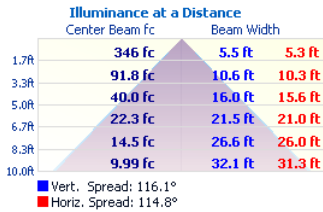


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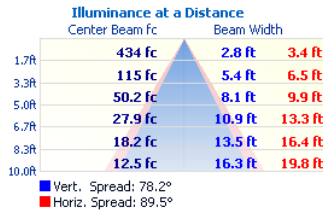


SS LED

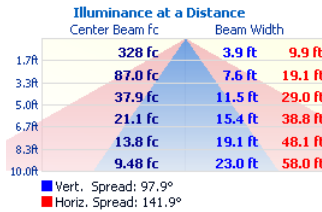
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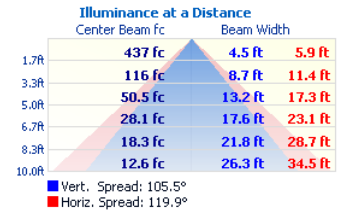
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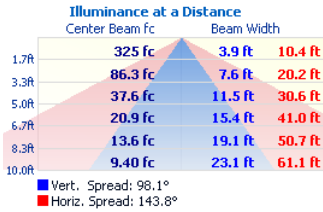
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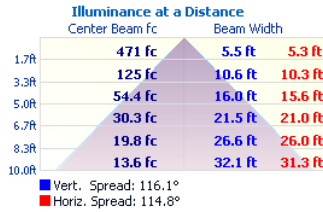
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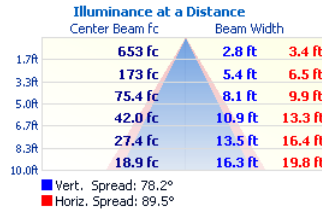
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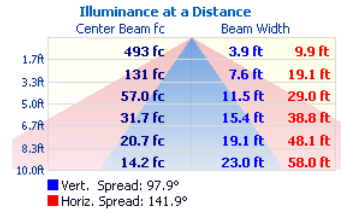
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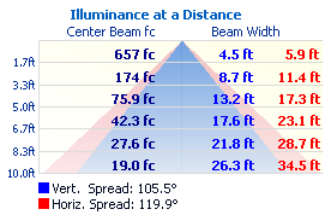
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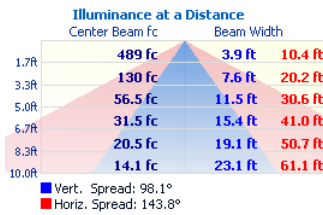
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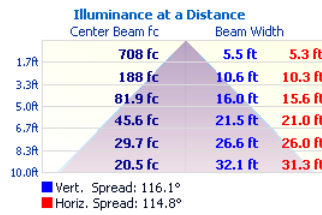
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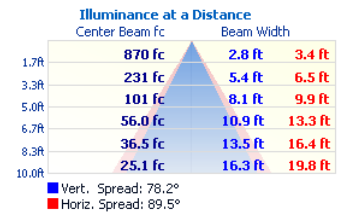
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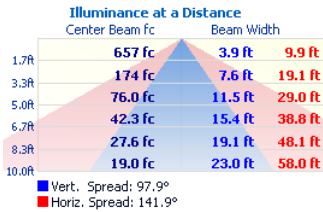
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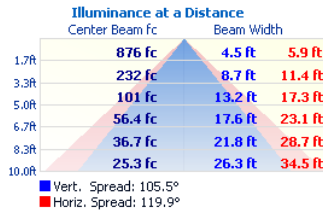
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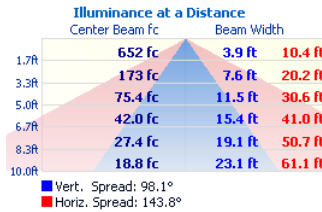
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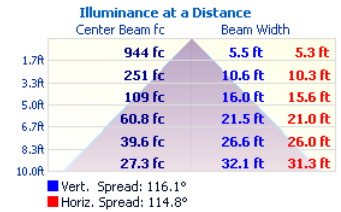
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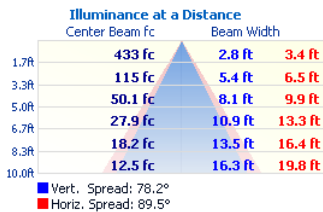
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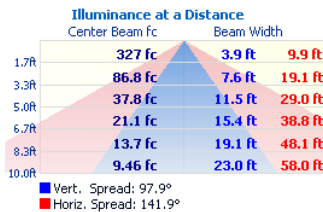
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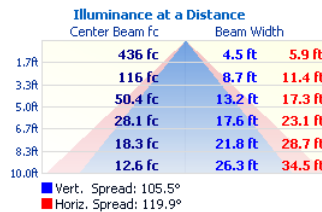
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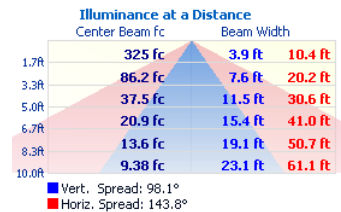
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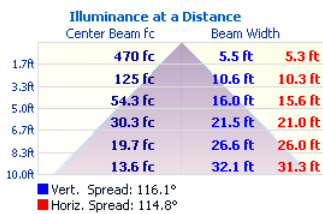
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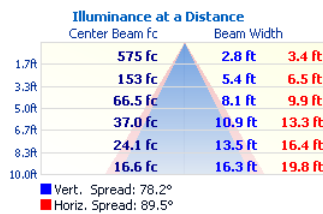
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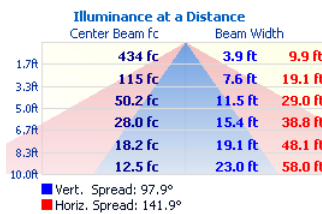
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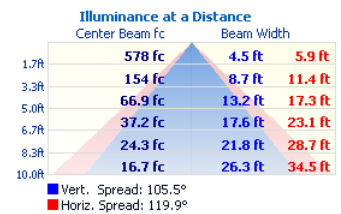
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SS-4-L36-SF

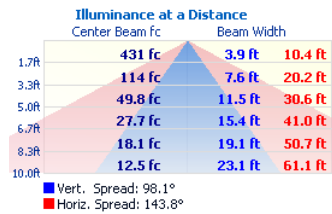


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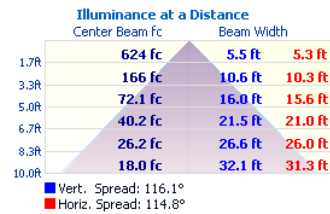


SS LED

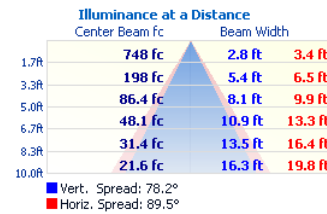
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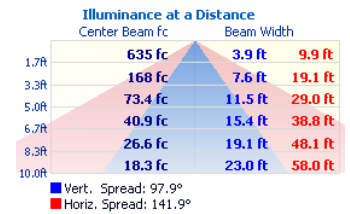
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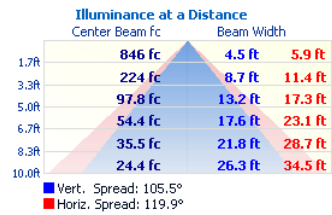
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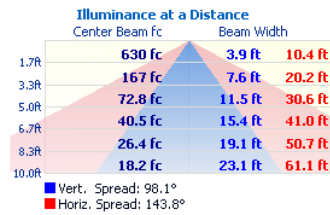
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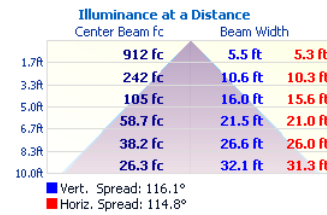
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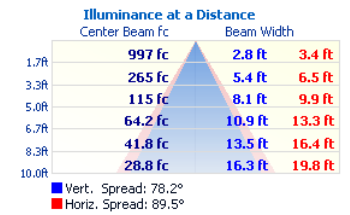
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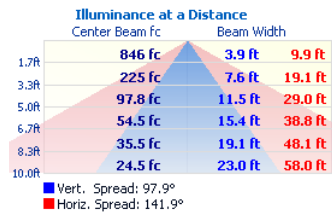
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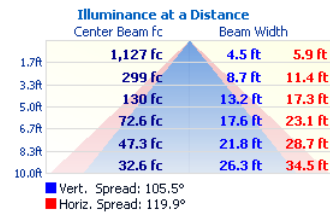
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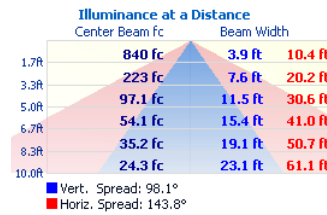
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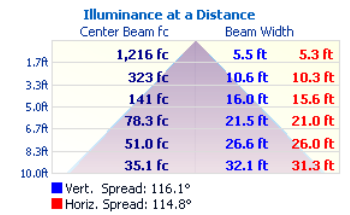
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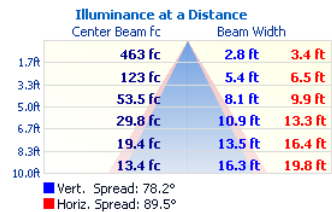
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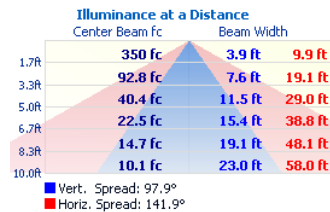
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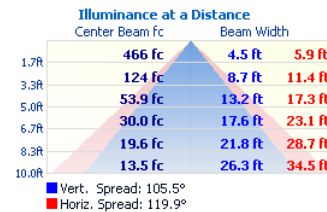
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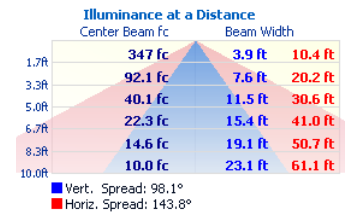
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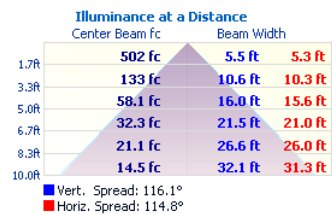
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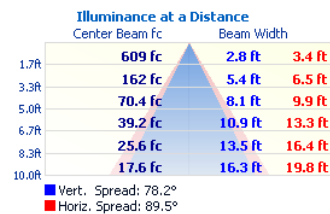
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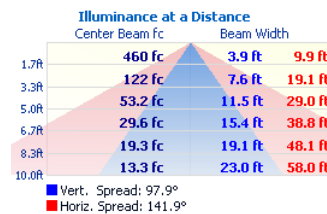
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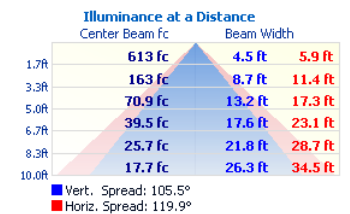
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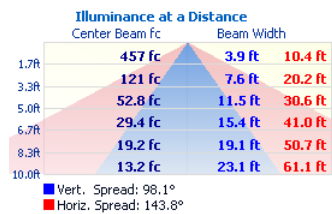
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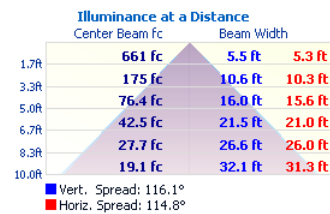
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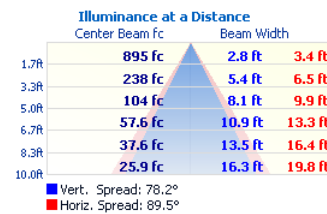
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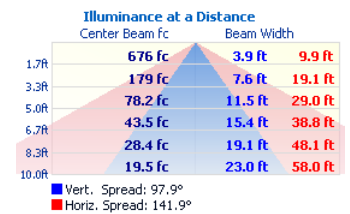
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SS-8-L54-SC

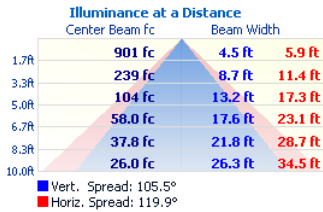


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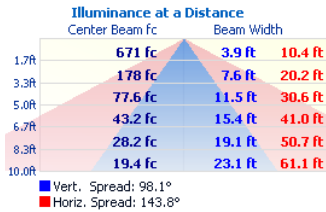


SS LED

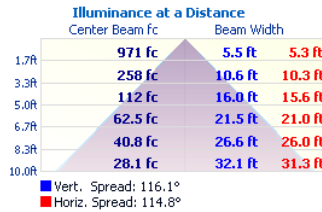
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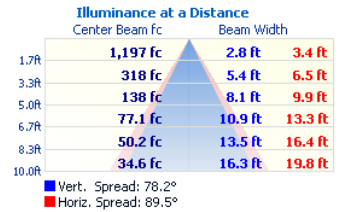
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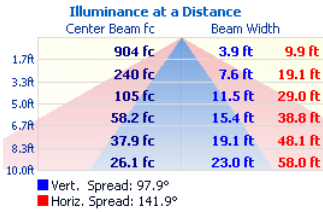
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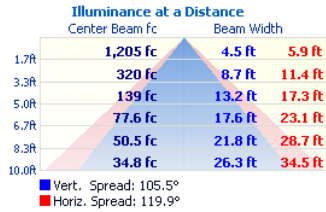
SS-8-L72-SC



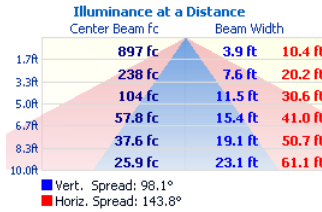
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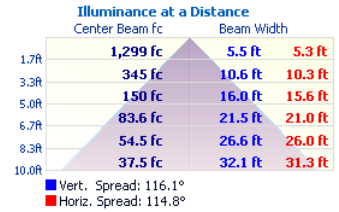
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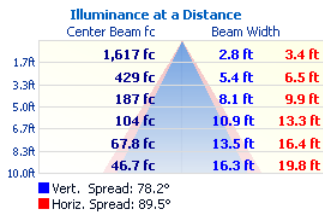
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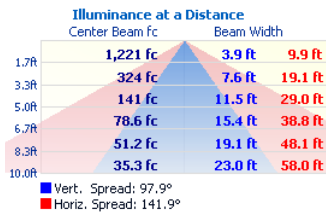
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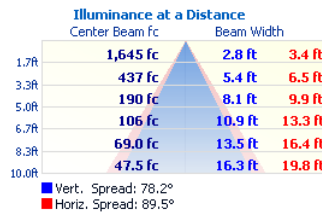
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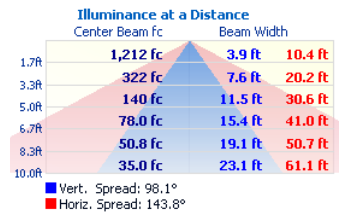
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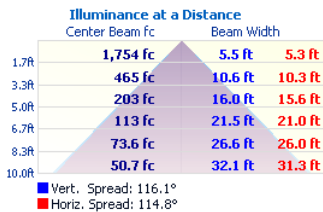
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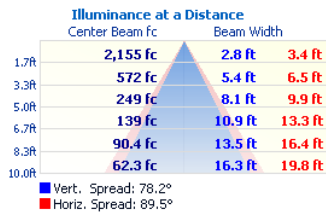
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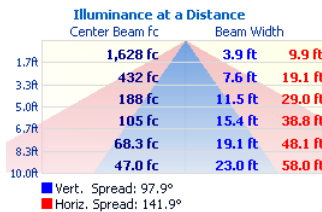
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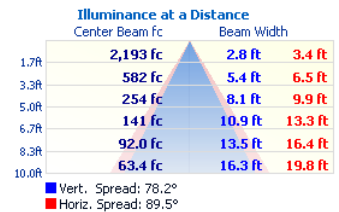
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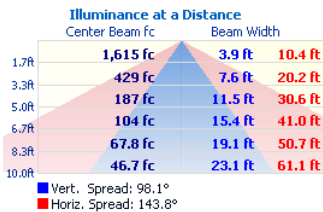
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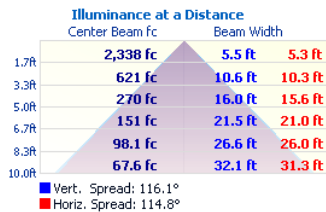
SS-8-L144-RC



SS-8-L144-RF



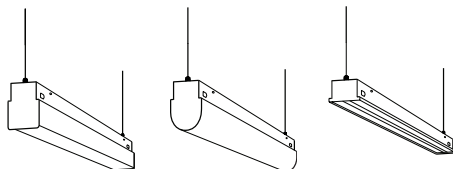
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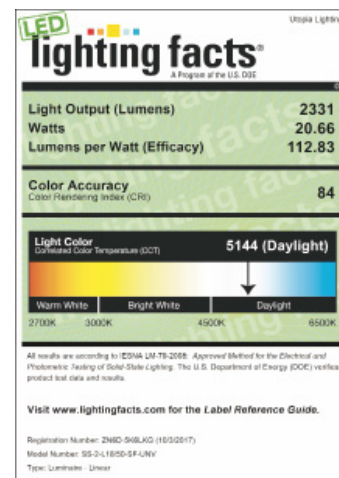
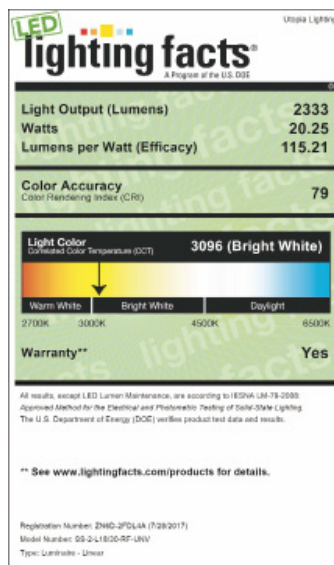
SS LED

OUTPUT CURRENT

		Bi-Level		Tri-Level (Default)	
SW1	SW2	Config Range	Default	Config Range	Default
Close	Open	10% - 70%	40%	10% - 70%	30%
Open	Close	10% - 70%	40%	10% - 70%	70%
Close	Close	100%	100%	100%	100%
Open	Open	0%	0%	0%	0%

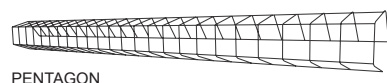


NLE
Non Lens option

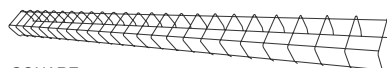


WIRE GUARD

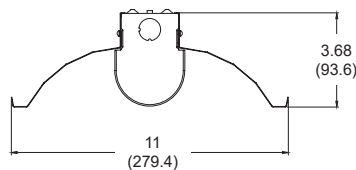
Pentagon : Available with Round/Square Lens options.
Square : Available with Non-Lens option.



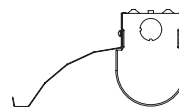
PENTAGON



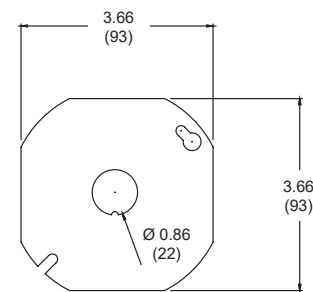
SQUARE



SYM : Symmetric Reflector

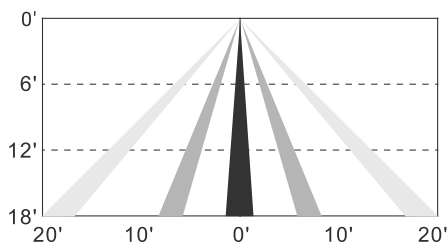


ASY : Asymmetric Reflector



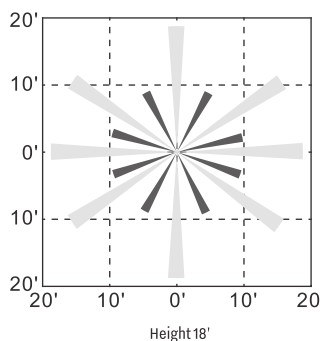
JC4 : Octagon cover plate

SIDE VIEW



AMS, IFS105SE coverage pattern

TOP VIEW



Lutron Vive Integral
fixture control installation



EasySense
fixture-mount installation



LOS-502S

SS LED

COMPATIBLE DIMMER SWITCH (TABLE 1)

Model #	Brand	Compatible Dimmer Switch	
GR, PH	Philips Xitanium	<Leviton>	IlumaTech IP7 series
		<Lutron>	Visit www.lutron.com/advance for a list of dimmers (Mark VII) that will work with this driver.
		<Philips>	Sunrise : SR1200ZTUNV
OS, OS1	Osram Optotronic	<Osram>	ZBHA-CLM DIM (NAMED: 45678), 45561 - LC-SL3W-TVWBX/UNV
		<Encelium EMS>	EN-LCM-1R10V-GB2-BK, EN-LCM-1R10V-GB2-BK/DR, EN-ALC-1R10V-GB2-BK, EN-ALC-1R10V-GB2-BK-DR
		<Leviton>	IP710-DLX
		<Lutron>	DVTV-XX
		<Wattstopper>	ADF-120277, FD-301, FSP-202
		<Synergy>	ISD BC
		<Busch-Jaeger>	2112U-101
ES566	eldoLED SOLOdrive	<Jung>	240-10
		<Leviton>	IlumaTech - IP710-DLX
		<Lightoller Controls>	ZP600FAM120
		<Merten>	5729
		<Pass & Seymour>	CD4FB-W
		<Wattstopper>	DCLV1
		<Sensor Switch>	nIO EZ
		<Synergy>	ISD BC
		<ABB>	SD/S 2.16.1
		<Lutron>	Nova T: NTFTV Diva - DVTV-xx, NFTV GRAFIK Eye: GRX-TVI w GRX3503 Energy Savr Node: QSN-4T16-S TVM2 Module
		<Crestron>	GLX-DIMFLV8, GLXP-DIMFLV8, GLPAC-DIMFLV4-*, GLPAC-DIMFLV8-*, GLPP-DIMFLVEX-PM, GLPP-1DIMFLV2EX-PM, GLPP-1DIMFLV3EX-PM, DIN-AO8, DIN-4DIMFLV4, CLS-EXP-DIMFLV, CLCI-1DIMFLV2EX
LDE1	Lutron Hi-lume 1% EcoSystem	<Lutron>	PowPak Dimming Modules: RMJ-ECO32-DV-B, FCJ/FCJS-ECO ^{1,2} Energi Savr Node (120V only): QSN-1ECO-S, QSN-2ECO-S GRAFIK Eye QS/Homeworks QS control unit (120V only): QSGRJ- E(wireless) QSGR- E Quantum Hub (120V only): QP2-__2C/4C/6C/8C Homeworks QS/myRoom Plus power module (120V only): LQSE-2ECO-D
PHSR ³	Philips Xitanium Sensor-Ready	<Ilumra>	<u>Single Rocker Self-Powered Light Switch (on/off, dim-up/down)</u> Ilumra# ZBT-S1AWH Digi-Key# 1082-1033-ND <u>Dual Rocker Self-Powered Light Switch (on/off, dim-up/down, scene1.2)</u> Ilumra# ZBT-S2AWH Digi-Key# 1082-1034-ND
TDM	KEYSTONE	<Lutron>	Diva DV-600P, SkyLark S-600P, Ariadni AY-600P, Ariadni TG-603P, Maestro MA-600 (Digital), Diva CFL/LED DVCL-153P, Satin Colors DVSC-600P-SW
		<Leviton>	6641, IlumaTech IPI06-1LX, ToggleTouch TGI06-1LW (Digital)
ELV	KEYSTONE	<Lutron>	MAELV-600BL (Digital), DVELV-300P, SkyLark SELV-300P
ED560	eldoLED DUALdrive	<Lunatone>	SS-LUNAT PS2 30mA, SS-LUNAT Touch or BT, SS-LUNAT Comm

NOTES:

1. All devices connected to one FCJ/FCJS-ECO will be controlled together. Devices will dim to the same level as the result of a control command. For more detail on adjusting low-end light level refer to Application Note#556 at www.lutron.com.
2. For the Line/Hot (L/H) terminal on the driver, it is preferred not to use the switched hot (red) wire from the control but rather the hot wire directly from the power source.
3. Recommended for EasySense System.

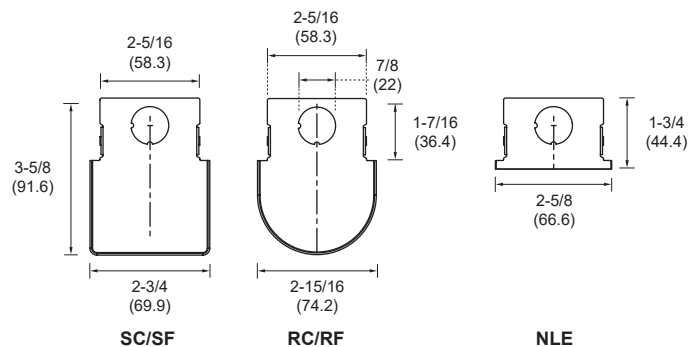
SS LED

Specifications: SS-2
Weight: 4.7 lbs (2.13 kg)

Specifications: SS-4
Weight: 6.9 lbs (3.13 kg)

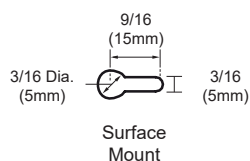
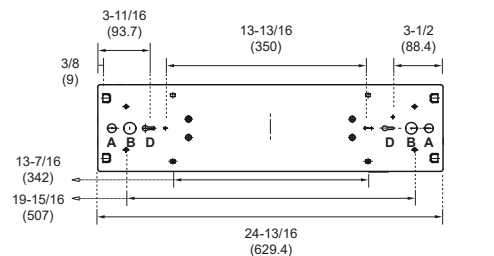
Specifications: SS-8
Weight: 10.43 lbs (4.73 kg)

END VIEW

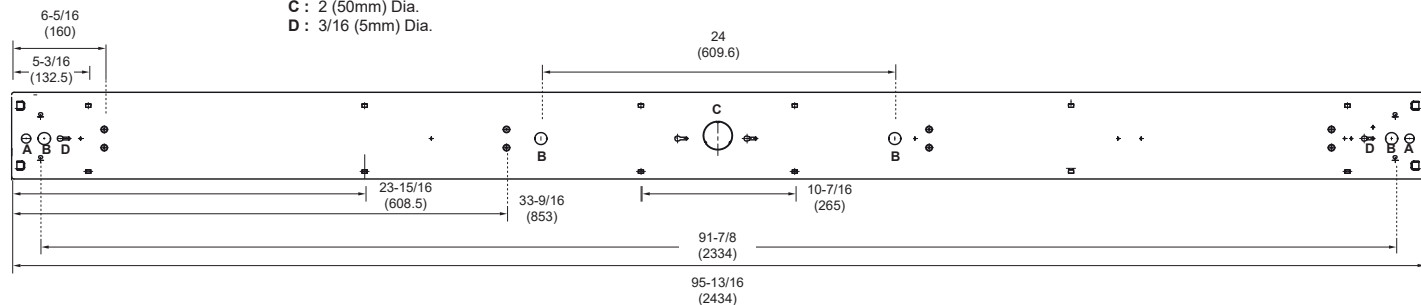
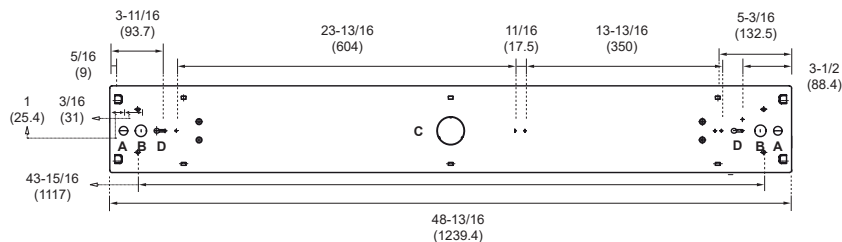


All dimensions are in inches (millimeters).

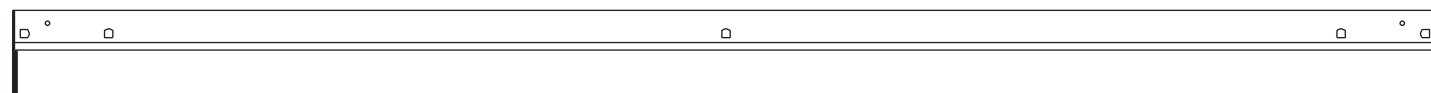
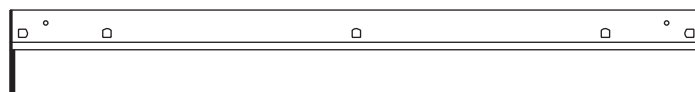
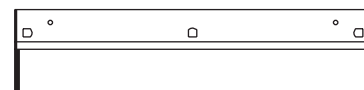
TOP VIEW



A : 11/16 (17mm) Dia.
B : 7/8 (22mm) Dia.
C : 2 (50mm) Dia.
D : 3/16 (5mm) Dia.



SIDE VIEW



SS LED

Mounting Options	Image	Ordering Code
Surface Mount (Ceiling)	Ceiling Junction Box Use keyhole shape mounting holes on the housing	(Blank)
With RB mounting bracket (fixture 2.5" extended from wall)	Detail	RB
V-hook for Chain Mount	Chain (by others)	VH
Adjustable Cable Mount (Canopy and cord included)		ACxx xx = Length of Cable (48 or 96 inches)
Adjustable Aircraft Y-cable with Toggles (Canopy and cord not included)		YCxx xx = Specify length in inches (60, 120, 180)
Stem Mount (w/ Canopy)		w/ Canopy HOLE A : 3/8" IPS STEM [Example : SH-3/8-xx(length)] HOLE B : 1/2" IPS STEM [Example : SH-1/2xx(length)] xx = 18, 24, 36, 48 (inches)
T-Bar Surface Mount		IDS

* Cable / Stem mount provided with canopy set

SS LED

