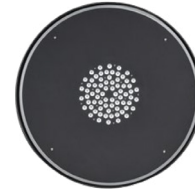


DATE: _____ LOCATION: _____
 TYPE: _____ PROJECT: _____
 CATALOG #: _____

FEATURES

- Reliable, uniform, glare free illumination
- Types II, III, IV, V and custom distributions
- 3000K, 4000K, 5000K CCT
- 0-10V dimming ready
- Integral surge suppression
- Upgrade Kits

LARGENT™



Largent SLVT2-LK



SPECIFICATIONS

CONSTRUCTION

- All internal and external hardware are stainless steel
- Luminaire finish consists of a five stage pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC polyester powder coat finish
- Optical bezel finish matches the luminaire housing

LED/OPTICS

- Molded silicone gasket ensures a weather-proof seal around each individual LED
- Features revolutionary individual LED optical control based on high performance TIR optical designs

LED/OPTICS CONTINUED

- House Side Shield is available on Standard and Clear Lens options except any Type 5 distribution. House Side Shield is not available for any distribution using a Diffused Lens

INSTALLATION

- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury

ELECTRICAL

- Luminaires have integral surge protection, UL recognized and have a surge current rating of 10,000 Amps using the industry standard 8/20uSec wave and surge rating of 372J

ELECTRICAL CONTINUED

- Drivers are UL recognized with an inrush current maximum of <20.0 Amps maximum at 230VAC
- 100%-1% dimming range. Fixture will be wired for low voltage 0-10V dimming control
- Driver and surge suppressor are mounted to a prewired tray with quick disconnects that may be removed from the gear compartment

CERTIFICATIONS

- ETL listed under UL 1598 and CSA C22.2 No. 250.0-08 for wet locations

WARRANTY

- 5 year warranty

HOUSING

SLVT2-LK		LED Quantity		Housing		Lumen Output		CCT/CRI		Distribution		Finish	
SLVT2-LK	Largent Upgrade kit	72L	72 LED	L	Existing Fixture with Lens	285	450 mA Microcore Crossover	AMB	Amber-595nm Peak ¹	1	Type I	BLS	Black Gloss Smooth
				NL	Existing Fixture No Lens	335	335mA, 8500 Lumens	3K7	3000K, 70 CRI	2	Type II	BLT	Black Matte Textured
						430	700 mA Microcore Crossover	4K7	4000K, 70 CRI	3	Type III	DBS	Dark Bronze Gloss Smooth
						500	500mA, 12,000 Lumens	5K7	5000K, 70 CRI	4W	Type IV Wide	DBT	Dark Bronze Matte Textured
						700	700mA, 16,000 Lumens			5Q	Type V Square	GTT	Graphite Matte Textured
										5W	Type V Wide	LGS	Light Grey Gloss Smooth
												LGT	Light Grey Matte Textured
												PSS	Platinum Silver Gloss Smooth
												VGT	Verde Green Matte Textured
												WHS	White Gloss Smooth
												WHT	White Matte Textured
												Color Option	
												CC ⁴	Custom Color

Options		Voltage	
HS	House Side Shield ²	UNV	120-277V
SCP	Sensor Control Programmable ³	347	347V
		480	480V

Notes:

- 1 Turtle friendly
- 2 House side Shield is available only with T1, T2, T3 and T4W distributions
- 3 SCP only available with no lens.
- 4 Consult factory for custom color, marine and corrosive finish options

DELIVERED LUMENS

The table below shows the delivered lumens for the various lumen outputs and beam distributions. Use this chart in connection with the lumen factor (LF) capability to deliver any output required.

LED #	Drive Current	Lumen Package	Lens	Distribution	3000K 70CRI				4000K 70CRI				5000K 70CRI							
					Lumen	Bug Rating			Efficacy (Lm/W)	Lumen	Bug Rating			Efficacy (Lm/W)	Lumen	Bug Rating			Efficacy (Lm/W)	
72	285	450mA Microcore Crossover	None	1	7624	1	0	1	119.9	7941	1	0	1	124.9	8199	1	0	1	128.9	
				2	7246	1	0	2	113.9	7548	1	0	2	118.7	7793	1	0	2	122.5	
				3	7191	1	0	2	113.1	7490	1	0	2	117.8	7734	1	0	2	121.6	
				4	7087	1	0	3	111.4	7382	1	0	3	116.1	7622	1	0	3	119.8	
				1-HS	4045	0	0	1	63.6	4213	0	0	1	66.2	4350	0	0	1	68.4	
				2-HS	3541	0	0	1	55.7	3689	0	0	1	58.0	3808	0	0	1	59.9	
				3-HS	3395	0	0	1	53.4	3536	0	0	1	55.6	3651	0	0	1	57.4	
			4-HS	3300	0	0	1	51.9	3438	0	0	1	54.0	3549	0	0	1	55.8		
			5Q	7369	2	0	1	115.9	7675	3	0	1	120.7	7925	3	0	1	124.6		
			5W	6863	3	0	1	107.9	7148	3	0	1	112.4	7380	3	0	1	116.0		
			Clear	1-CL	6483	1	0	1	101.9	6752	1	0	1	106.2	6972	1	0	1	109.6	
				2-CL	6161	1	0	1	96.9	6417	1	0	1	100.9	6626	1	0	1	104.2	
				3-CL	6115	1	0	2	96.1	6369	1	0	2	100.1	6576	1	0	2	103.4	
				4-CL	6026	1	0	2	94.8	6277	1	0	2	98.7	6481	1	0	2	101.9	
	1-CL-HS	3439		0	0	1	54.1	3582	0	0	1	56.3	3699	0	0	1	58.2			
	2-CL-HS	3011		0	0	1	47.3	3136	0	0	1	49.3	3238	0	0	1	50.9			
	3-CL-HS	2886		0	0	1	45.4	3006	0	0	1	47.3	3104	0	0	1	48.8			
	Diffused	4-CL-HS	2806	0	0	1	44.1	2923	0	0	1	46.0	3018	0	0	1	47.5			
		5Q-CL	6265	2	0	1	98.5	6526	2	0	1	102.6	6738	2	0	1	105.9			
		5W-CL	5835	3	0	1	91.7	6078	3	0	1	95.6	6275	3	0	1	98.7			
		3-DL	4884	1	0	1	76.8	5087	1	0	1	80.0	5252	1	0	1	82.6			
	5W-DL	4660	2	0	1	73.3	4854	2	0	1	76.3	5012	2	0	1	78.8				
	335	8500		None	1	8796	1	0	1	116.5	9162	1	0	1	121.4	9460	1	0	1	125.6
					2	8360	2	0	2	110.7	8708	2	0	2	115.3	8991	2	0	2	119.1
					3	8297	1	0	2	110.1	8642	2	0	2	115.0	8923	2	0	2	118.8
					4	8177	1	0	3	108.3	8517	1	0	3	112.8	8794	1	0	3	116.4
					1-HS	4667	0	0	1	61.8	4861	0	0	1	64.4	5019	0	0	1	66.9
				Clear	2-HS	4086	0	0	1	54.1	4256	0	0	1	56.4	4394	0	0	1	58.4
3-HS					3917	0	0	1	51.9	4079	0	0	1	54.0	4212	0	0	1	56.1	
4-HS					3808	0	0	1	50.4	3966	0	0	1	52.5	4095	0	0	1	54.5	
5Q					8502	3	0	1	112.6	8855	3	0	1	117.3	9143	3	0	1	121.6	
5W					7918	3	0	2	104.9	8247	3	0	2	109.2	8515	3	0	2	113.0	
Diffused		1-CL	7479	1	0	1	99.0	7790	1	0	1	103.2	8044	1	0	1	106.5			
		2-CL	7108	1	0	2	94.1	7404	1	0	2	98.0	7645	1	0	2	101.2			
		3-CL	7055	1	0	2	93.4	7348	1	0	2	97.3	7587	1	0	2	100.5			
		4-CL	6953	1	0	3	92.1	7242	1	0	3	95.9	7477	1	0	3	99.0			
		1-CL-HS	3968	0	0	1	52.5	4133	0	0	1	54.7	4268	0	0	1	56.5			
Diffused		2-CL-HS	3474	0	0	1	46.0	3618	0	0	1	47.9	3736	0	0	1	49.5			
		3-CL-HS	3330	0	0	1	44.1	3469	0	0	1	45.9	3581	0	0	1	47.4			
		4-CL-HS	3238	0	0	1	42.9	3372	0	0	1	44.7	3482	0	0	1	46.1			
		5Q-CL	7229	2	0	1	95.7	7529	2	0	1	99.7	7774	3	0	1	102.9			
		5W-CL	6732	3	0	1	89.1	7012	3	0	1	92.9	7240	3	0	1	95.9			
3-DL	5613	1	0	1	74.4	5847	2	0	1	77.5	6037	2	0	1	80.0					
5W-DL	5397	2	0	1	71.5	5621	2	0	1	74.5	5804	2	0	1	77.0					

DELIVERED LUMENS (CONTINUED)

The table below shows the delivered lumens for the various lumen outputs and beam distributions. Use this chart in connection with the lumen factor (LF) capability to deliver any output required.

LED #	Drive Current	Lumen Package	Lens	Distribution	3000K 70CRI				4000K 70CRI				5000K 70CRI								
					Lumen	Bug Rating			Efficacy (Lm/W)	Lumen	Bug Rating			Efficacy (Lm/W)	Lumen	Bug Rating			Efficacy (Lm/W)		
72	430	700mA Microcore Crossover	None	1	10936	1	0	1	112.5	11390	1	0	1	117.2	11761	1	0	1	121.0		
				2	10393	2	0	2	106.9	10826	2	0	2	111.4	11178	2	0	2	115.0		
				3	10315	2	0	2	106.1	10744	2	0	2	110.5	11093	2	0	3	114.1		
				4	10166	2	0	3	104.6	10588	2	0	3	108.9	10933	2	0	3	112.5		
				1-HS	5802	0	0	1	59.7	6043	0	0	1	62.2	6240	0	0	1	64.2		
				2-HS	5079	0	0	1	52.3	5291	0	0	1	54.4	5463	0	0	1	56.2		
				3-HS	4869	0	0	1	50.1	5071	0	0	1	52.2	5236	1	0	1	53.9		
				4-HS	4734	0	0	1	48.7	4931	1	0	1	50.7	5091	1	0	1	52.4		
				5Q	10569	3	0	1	108.7	11009	3	0	1	113.3	11367	3	0	1	116.9		
				5W	9843	3	0	2	101.3	10252	3	0	2	105.5	10586	3	0	2	108.9		
				Clear	1-CL	9298	1	0	1	95.7	9685	1	0	1	99.6	10000	1	0	1	102.9	
					2-CL	8837	2	0	2	90.9	9205	2	0	2	94.7	9504	2	0	2	97.8	
					3-CL	8770	2	0	2	90.2	9135	2	0	2	94.0	9432	2	0	2	97.0	
					4-CL	8644	1	0	3	88.9	9003	1	0	3	92.6	9296	1	0	3	95.6	
	1-CL-HS	4933	0		0	1	50.8	5138	0	0	1	52.9	5305	0	0	1	54.6				
	2-CL-HS	4319	0		0	1	44.4	4498	0	0	1	46.3	4645	0	0	1	47.8				
	3-CL-HS	4140	0		0	1	42.6	4312	0	0	1	44.4	4452	0	0	1	45.8				
	4-CL-HS	4025	0		0	1	41.4	4192	0	0	1	43.1	4329	0	0	1	44.5				
	5Q-CL	8987	3		0	1	92.5	9360	3	0	1	96.3	9665	3	0	1	99.4				
	5W-CL	8369	3		0	2	86.1	8717	3	0	2	89.7	9001	3	0	2	92.6				
	Diffused	3-DL	7005		2	0	2	72.1	7296	2	0	2	75.1	7533	2	0	2	77.5			
		5W-DL	6684		2	0	1	68.8	6962	2	0	1	71.6	7189	2	0	1	74.0			
	500	12000			None	1	12455	1	0	1	108.8	12973	1	0	1	113.3	13394	2	0	1	117.0
						2	11837	2	0	2	103.4	12329	2	0	2	107.7	12730	2	0	2	111.2
				3		11748	2	0	3	102.6	12236	2	0	3	106.9	12634	2	0	3	110.4	
				4		11578	2	0	3	101.2	12059	2	0	3	105.4	12451	2	0	3	108.8	
				1-HS		6608	0	0	1	57.7	6883	0	0	1	60.1	7106	0	0	1	62.1	
				2-HS		5785	1	0	1	50.5	6026	1	0	1	52.6	6221	1	0	1	54.4	
3-HS				5545		1	0	1	48.4	5776	1	0	1	50.5	5964	1	0	1	52.1		
4-HS				5391		1	0	1	47.1	5615	1	0	2	49.1	5798	1	0	2	50.7		
5Q				12037		3	0	1	105.2	12538	3	0	1	109.5	12945	3	0	1	113.1		
5W				11210		4	0	2	97.9	11677	4	0	2	102.0	12056	4	0	2	105.3		
Clear				1-CL		10590	1	0	1	92.5	11030	1	0	1	96.4	11389	1	0	1	99.5	
				2-CL		10065	2	0	2	87.9	10483	2	0	2	91.6	10824	2	0	2	94.6	
				3-CL		9989	2	0	2	87.3	10404	2	0	2	90.9	10742	2	0	2	93.9	
				4-CL		9844	2	0	3	86.0	10254	2	0	3	89.6	10587	2	0	3	92.5	
		1-CL-HS	5618	0	0	1	49.1	5852	0	0	1	51.1	6042	0	0	1	52.8				
		2-CL-HS	4919	0	0	1	43.0	5123	0	0	1	44.8	5290	0	0	1	46.2				
		3-CL-HS	4715	0	0	1	41.2	4911	0	0	1	42.9	5071	0	0	1	44.3				
		4-CL-HS	4584	0	0	1	40.0	4775	1	0	1	41.7	4930	1	0	1	43.1				
		5Q-CL	10235	3	0	1	89.4	10661	3	0	1	93.1	11007	3	0	1	96.2				
		5W-CL	9532	3	0	2	83.3	9928	3	0	2	86.7	10251	3	0	2	89.6				
		Diffused	3-DL	7978	2	0	2	69.7	8309	2	0	2	72.6	8580	2	0	2	75.0			
			5W-DL	7613	2	0	1	66.5	7930	3	0	2	69.3	8187	3	0	2	71.5			

DELIVERED LUMENS (CONTINUED)

The table below shows the delivered lumens for the various lumen outputs and beam distributions. Use this chart in connection with the lumen factor (LF) capability to deliver any output required.

LED #	Drive Current	Lumen Package	Lens	Distribution	3000K 70CRI				4000K 70CRI				5000K 70CRI							
					Lumen	Bug Rating			Efficacy (Lm/W)	Lumen	Bug Rating			Efficacy (Lm/W)	Lumen	Bug Rating			Efficacy (Lm/W)	
72	700	16000	None	1	16349	2	0	2	102.9	17028	2	0	2	107.2	17582	2	0	2	110.7	
				2	15538	2	0	2	97.8	16184	3	0	3	101.9	16710	3	0	3	105.2	
				3	15421	2	0	3	97.1	16062	2	0	3	101.1	16584	2	0	3	104.4	
				4	15198	2	0	4	95.7	15830	2	0	4	99.6	16344	2	0	4	102.9	
				1-HS	8674	1	0	1	54.6	9034	1	0	1	56.9	9328	1	0	1	58.7	
				2-HS	7594	1	0	1	47.8	7909	1	0	1	49.8	8167	1	0	1	51.4	
				3-HS	7279	1	0	2	45.8	7582	1	0	2	47.7	7828	1	0	2	49.3	
				4-HS	7077	1	0	2	44.5	7371	1	0	2	46.4	7611	1	0	2	47.9	
				5Q	15801	4	0	2	99.5	16458	4	0	2	103.6	16993	4	0	2	107.0	
				5W	14715	4	0	2	92.6	15327	4	0	2	96.5	15826	4	0	2	99.6	
				Clear	1-CL	13901	2	0	1	87.5	14479	2	0	2	91.1	14950	2	0	2	94.1
					2-CL	13212	2	0	2	83.2	13761	2	0	2	86.6	14208	2	0	2	89.4
					3-CL	13112	2	0	3	82.5	13657	2	0	3	86.0	14101	2	0	3	88.8
					4-CL	12922	2	0	3	81.3	13459	2	0	3	84.7	13897	2	0	3	87.5
			1-CL-HS		7375	0	0	1	46.4	7682	0	0	1	48.4	7931	1	0	1	49.9	
			2-CL-HS		6457	1	0	1	40.6	6725	1	0	1	42.3	6944	1	0	1	43.7	
			3-CL-HS		6189	1	0	1	39.0	6447	1	0	1	40.6	6656	1	0	2	41.9	
			4-CL-HS		6017	1	0	2	37.9	6268	1	0	2	39.5	6471	1	0	2	40.7	
			Diffused	5Q-CL	13435	3	0	1	84.6	13994	3	0	2	88.1	14449	3	0	2	90.9	
				5W-CL	12512	4	0	2	78.8	13032	4	0	2	82.0	13456	4	0	2	84.7	
				3-DL	10472	2	0	2	65.9	10907	2	0	2	68.7	11262	2	0	2	70.9	
				5W-DL	9993	3	0	2	62.9	10409	3	0	2	65.5	10747	3	0	2	67.6	

PHOTOMETRY

SLVT2-72L-700-4K7-1

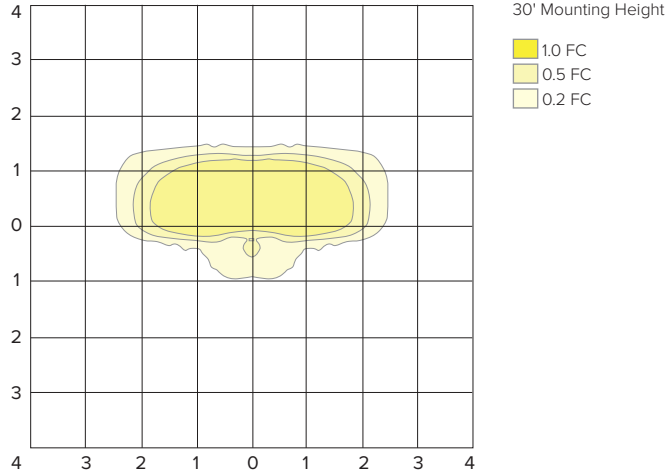
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	17028
Watts	158.9
Efficacy	107.2
IES Type	I
BUG Rating	B2-U0-G2
Mounting Height	30 ft
Grid Scale	30 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	14666	86%
Downward House Side	2362	14%
Downward Total	17028	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	17028	100%

ISOFOOT CANDLE PLOT



SLVT2-72L-700-4K7-2

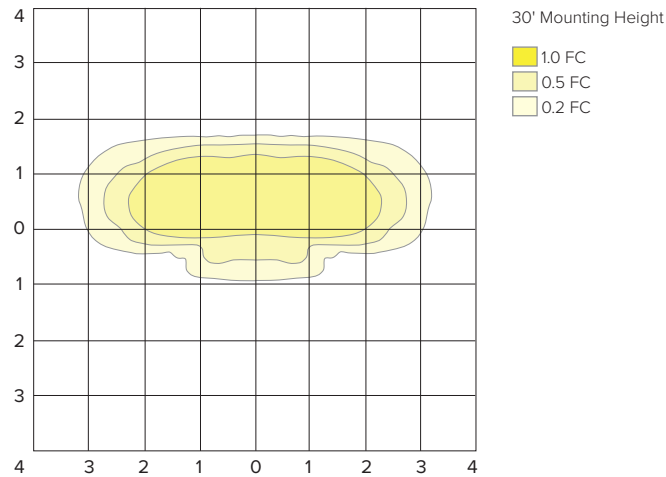
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	16184
Watts	158.9
Efficacy	101.9
IES Type	II
BUG Rating	B3-U0-G3
Mounting Height	30 ft
Grid Scale	30 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	13166	81%
Downward House Side	3018	19%
Downward Total	16184	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	16184	100%

ISOFOOT CANDLE PLOT



SLVT2-72L-700-4K7-3

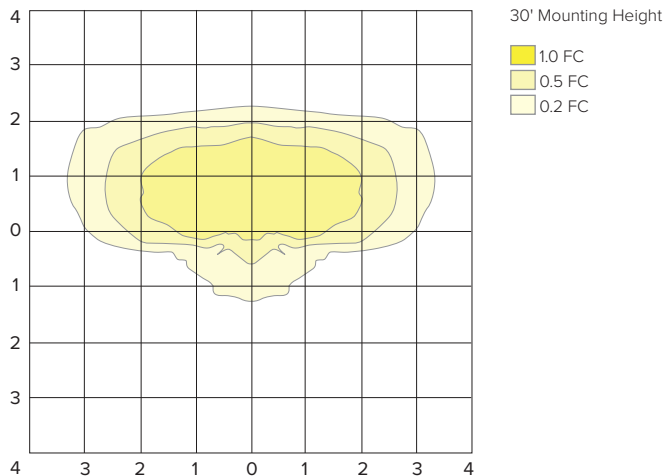
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	16062
Watts	158.9
Efficacy	101.1
IES Type	III
BUG Rating	B2-U0-G3
Mounting Height	30 ft
Grid Scale	30 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	13411	83%
Downward House Side	2651	17%
Downward Total	16062	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	16062	100%

ISOFOOT CANDLE PLOT



PHOTOMETRY

SLVT2-72L-700-4K7-4W

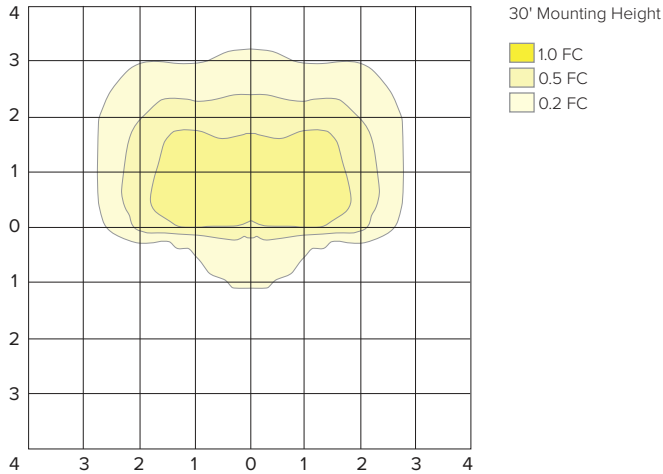
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	15830
Watts	158.9
Efficacy	99.6
IES Type	IV
BUG Rating	B2-U0-G4
Mounting Height	30 ft
Grid Scale	30 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	13680	86%
Downward House Side	2150	14%
Downward Total	15830	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	15830	100%

ISOFOOT CANDLE PLOT



SLVT2-72L-700-4K7-5Q

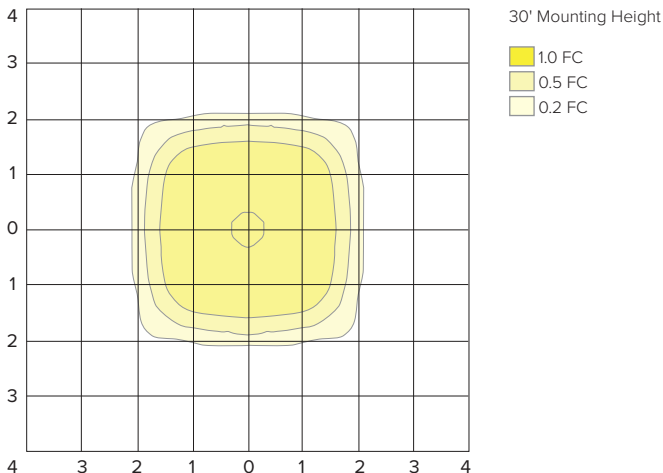
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	16458
Watts	158.9
Efficacy	103.6
IES Type	VS
BUG Rating	B4-U0-G2
Mounting Height	30 ft
Grid Scale	30 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	8229	50%
Downward House Side	8229	50%
Downward Total	16458	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	16458	100%

ISOFOOT CANDLE PLOT



SLVT2-72L-700-4K7-5W

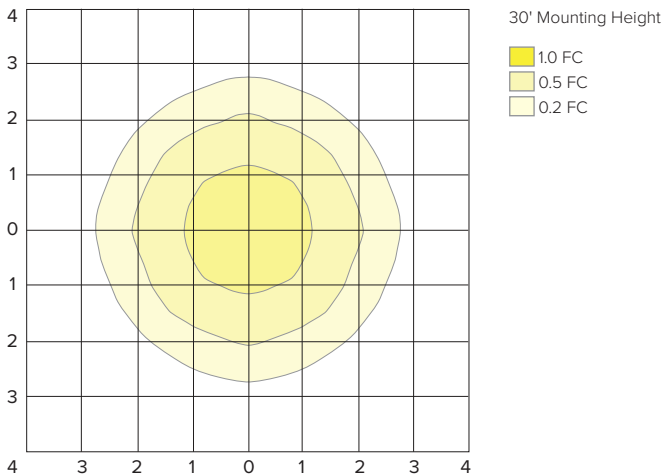
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	15327
Watts	158.9
Efficacy	96.5
IES Type	VS
BUG Rating	B4-U0-G2
Mounting Height	30 ft
Grid Scale	30 ft

ZONAL LUMEN SUMMARY

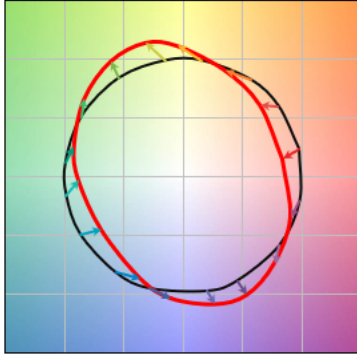
Zone	Lumens	% Luminaire
Downward Street Side	7664	50%
Downward House Side	7664	50%
Downward Total	15327	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	15327	100%

ISOFOOT CANDLE PLOT



TM-30 DATA

COLOR VECTOR GRAPHIC

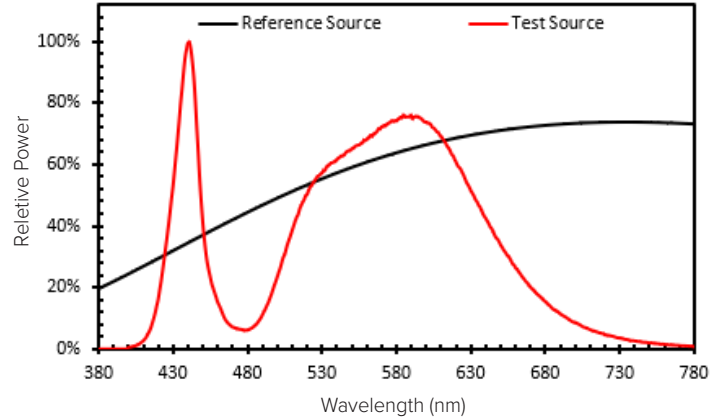


— Reference Illuminant — Test Source

TEST SOURCE

MBM TEST RESULTS	
CCT (K)	3947
CIE Ra	72
Duv	0.0004
x	0.3831
y	0.3793
Rf	68
Rg	99

SPECTRAL POWER DISTRIBUTION COMPARISON



ELECTRICAL DATA

System Current	System Watts	Electrical								Dimming						
		Line Voltage		Amps AC						Min. Power Factor	Max THD (%)	Dimming Range	Source current out of 0-10V		Absolute voltage range on 0-10V (+)	
		VAC	HZ	120	208	240	277	347	480				Min	Max	Min	Max
285 mA	63.6	120-277	50/60	0.53	0.31	0.27	0.23	0.18	0.13	>0.9	20	10% to 100%	0mA	1mA	0V	10V
335 mA	75.5			0.63	0.36	0.31	0.27	0.22	0.16							
430 mA	97.2			0.81	0.47	0.41	0.35	0.28	0.20							
500 mA	114.5			0.95	0.55	0.48	0.41	0.33	0.24							
700 mA	158.9			1.32	0.76	0.66	0.57	0.46	0.33							

AMBER MULTIPLIER	
CCT	MULTIPLIER
5000K	1
AM	0.1727

2700K MULTIPLIER	
CCT	MULTIPLIER
5000K	1
2700K	0.897

LENS OPTION MULTIPLIER	
CLEAR LENS	DIFFUSED LENS
0.8502	0.6791