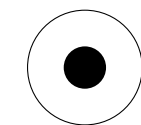

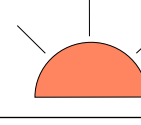

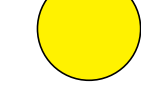

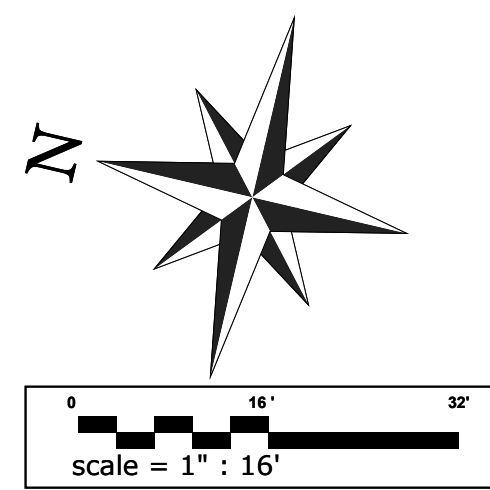


LIGHTING FIXTURE SCHEDULE

SYMBOL	MANUFACTURER & CATALOG NO	DESCRIPTION	WATTAGE	VOLTS	FIXTURE REFERENCE	NO.OF ITEMS
	Dark Sky	AAL Largent MicroCore SLVT, Largent Strike Optics 3000K, 4000K, 5000K CC H: 205", dia: 25"	63.6-158.9			6
	Dark Sky	Cascade LSM4 2700K or 3000K, Thermally Integrated, 12V Integral Constant Current Driver, Dia : 4"	2 - 4	12		12
	Dark Sky	2SPBL11 7 W Monocrystalline solar PANEL, 6.4V ,Depends on solar radiation Rechargeable Battery, Height: 31.49" 3,000K-6,000K	2W	6.4		28



**NATIVITY OF CHRIST**  
Greek Orthodox Church  
Ignacio, California

ELECTRICAL PLAN

May 29, 2025  
PROJECT NUMBER: xxxxxxxxxxxx

CONCEPT DESIGN

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

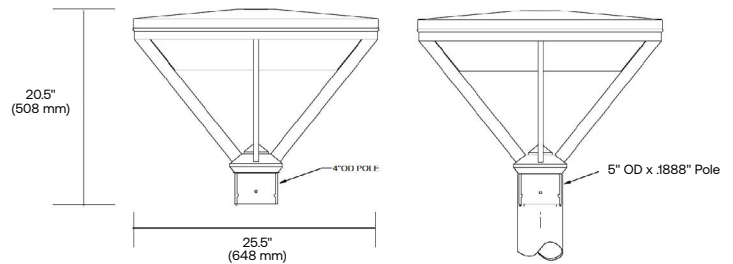
**FEATURES**

- Reliable, uniform, glare free illumination
- Types 1, 2, 3, 4W, 5Q, and 5W distributions
- Amber, 3000K, 3500K, 4000K, 5000K CCT
- 0-10V dimming ready
- Integral surge suppression
- Upgrade Kits
- Utilizes Strike Optics for precise distributions, maximum fixture spacing and minimal backlight.

LARGENT™



Largent SLVT2



	WEIGHT	EPA
SLVT2	27 lbs / 12.25 kg	0.80

**SPECIFICATIONS**

**CONSTRUCTION**

- All housing components aluminum 360 alloy, sealed with continuous silicone rubber gaskets
- Standard configurations do not require a flat lens, optional lenses is tempered glass
- All internal and external hardware is stainless steel
- Finish: fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat
- Optical bezel finish is match the luminaire housing

**LED/OPTICS**

- Optical cartridge system consisting of a die cast heat sink, LED engine, TIR optics, gasket and bezel plate
- Cartridge is easily disassembled to replace components. Optics are held in place without the use of adhesives
- 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
- 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
- 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

**CONTROLS**

- Egress adapter(s) shall slip over a 4"/100mm DIA. pole with the luminaire or arm slipping over the adapter to add a total of 4.5"/114mm to the overall height. Adapter(s) shall be prewired, independently rotatable 359°, and have a cast access cover with an integral lens and lanyard
- Photocell adapter shall include an internal twist lock receptacle. Photocell by others

**CONTROLS (CONTINUED)**

- Egress adapter shall require an auxiliary 120 volt supply for operation of an integral MR16 lamp in the event of emergency. The lamp may be aimed and locked into position with an adjustment range of 15°-45°. Adapter shall have a socket that accepts miniature bi-pin MR16 lamps up to 50 watts, lamp by others

**CERTIFICATIONS**

- ETL listed under UL 1598 and CSA C22.2 No. 250.0-08 for wet locations
- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 6/06/2020

**WARRANTY**

- 5 year warranty

KEY DATA	
LUMEN RANGE	2,806-17,582
WATTAGE RANGE	63.6-158.9
EFFICACY RANGE (LPW)	37.9-128.9
INPUT CURRENT RANGE (mA)	285/335/430/500/615 mA
WEIGHT	27 lbs / 12.25 kg
EPA	0.80

**ORDERING GUIDE**

Example: SLVT-72L-335-3K7-4W-BL-SLA1-CL-HS-SCP-UNV

CATALOG #

**HOUSING**

SLVT2		LED Quantity		Lumen output		CCT/CRI		Distribution		Optional Lens		Optional Shield		Finish	
SLVT2	Largest 2.0	72L	72 LED	285	285mA, 2,800-8200 Lumens	AMB <sup>1</sup>	Amber LED (585-590 Dominant Wave Length)	1	Type I	CL	Clear Lens	HS	House Side Shield <sup>3</sup>	BLS	Black Gloss Smooth
				335	335mA, 3,200-9500 Lumens	27K7	2700K, 70 CRI	2	Type II	DL	Diffused Lens <sup>2</sup>			BLT	Black Matte Textured
				430	430mA, 4,000-11,700 Lumens	3K7	3000K, 70 CRI	3	Type III					DBS	Dark Bronze Gloss Smooth
				500	500mA, 4,500-13,400 Lumens	3K7	3500K, 70 CRI	4W	Type IV Wide					DBT	Dark Bronze Matte Textured
				700	700mA, 6,000-17,600 Lumens	4K7	4000K, 70 CRI	5Q	Type V Square					GTT	Graphite Matte Textured
						5K7	5000K, 70 CRI	5W	Type V Wide					LGS	Light Grey Gloss Smooth
						27K8	2700K, 80 CRI							LGT	Light Grey Matte Textured
						3K8	3000K, 80 CRI							PSS	Platinum Silver Gloss Smooth
						35K8	3500K, 80 CRI							VGT	Verde Green Matte Textured
						4K8	4000K, 80 CRI							WHS	White Gloss Smooth
						5K8	5000K, 80 CRI							WHT	White Matte Textured
						27K9	2700K, 90 CRI							<b>Color Option</b>	
						3K9	3000K, 90 CRI							CC <sup>5</sup>	Custom Color
						35K9	3500K, 90 CRI							CLA-A <sup>5</sup>	Clear Anodized Finish
						4K9	4000K, 90 CRI								
						5K9	5000K, 90 CRI								

5-step MacAdam Ellipse Binning is standard Consult factory for 3-step MacAdam Ellipse Binning Consult Factory regarding availability of the following options

Controls		Optional Fuse		Mounting		Mounting Options		Voltage	
SCP	Sensor Control Programmable <sup>5,6</sup>	SF	Single Fuse - 120, 277, 347 Volt Input	<u>Pole Mount</u>		AD5	Adaptor-5" OD Pole	UNV	120-277V
		DF	Double Fuse - 208, 240, 480	STND_MNT	Standard Mount - Slips Over 4"OD Pole	PCA-C <sup>8</sup>	Photocontrol Adaptor Contemporary	347	347V
				5"ODx188"	5"ODx188 - Slips inside 5"ODx188 Pole	PCA-T <sup>8</sup>	Photocontrol Adaptor Traditional	480	480V
				<u>Tenon Mount</u>		EPA-C <sup>8</sup>	Earess Adaptor Contemporary		
				PT3	Slips over A 3" OD Tenon	E			
				PT23	Slips over A 2 3/8" OD Tenon				
				<u>Pole Mounted Arms</u>					
				SLA1	Slips over a 4"/100mm pole or tenon				
				SLA1-2	Slips over a 4"/100mm pole or tenon				
				TRA5U-4	Bolts to the side of a 4"/100mm pole				
				TRAGU-4	Bolts to the side of a 4"/100mm pole				
				SLA8U-4	Bolts to the side of a 4"/100mm pole				
				SLA22U-4	Bolts to the side of a 4"/100mm pole				
				TRA5U-5	Bolts to the side of a 5"/125mm pole				
				TRAGU-5	Bolts to the side of a 5"/125mm pole				
				SLA8U-5	Bolts to the side of a 5"/125mm pole				
				SLA22U-5	Bolts to the side of a 5"/125mm pole				
				<u>Wall Mount</u>					
				WMA35U	Wall Mounted Arm				
				WMA36U	Wall Mounted Arm				
				WMA9U	Wall Mounted Arm				
				WMA22U	Wall Mounted Arm				

Notes:  
 1 Wild life friendly  
 2 Diffused Lens is available with only T3 & T5W distributions. Consult factory for availability with other optical distributions.  
 3 House side Shield is available only with T1, T2, T3 and T4W distributions  
 4 Consult factory  
 5 SCP only available with no lens.  
 6 Order at least one SCP-REMOTE per project location to program and control the occupancy sensor  
 7 Recommended for harsh environment, salt spray 3,000 hours rated  
 8 See accessories for more information with hyperlink (reference Providence Medium foot note #5)

**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				
	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				
	Diffused	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	
				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		
Clear				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				
		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				
		Diffused	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**

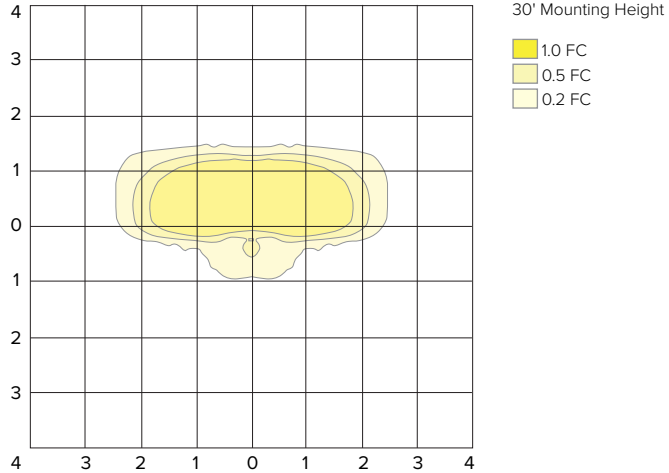
**LUMINAIRE DATA**

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

**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**

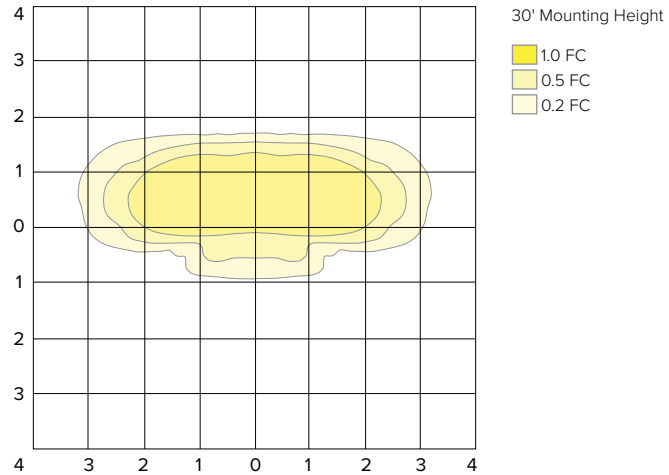
**LUMINAIRE DATA**

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

**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**

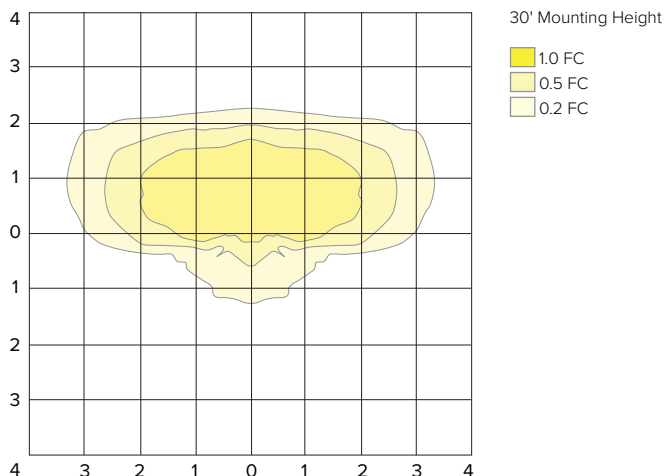
**LUMINAIRE DATA**

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

**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**

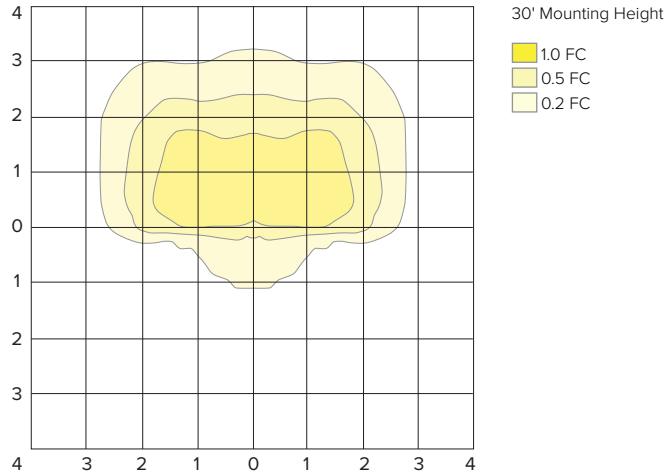
**LUMINAIRE DATA**

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

**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**

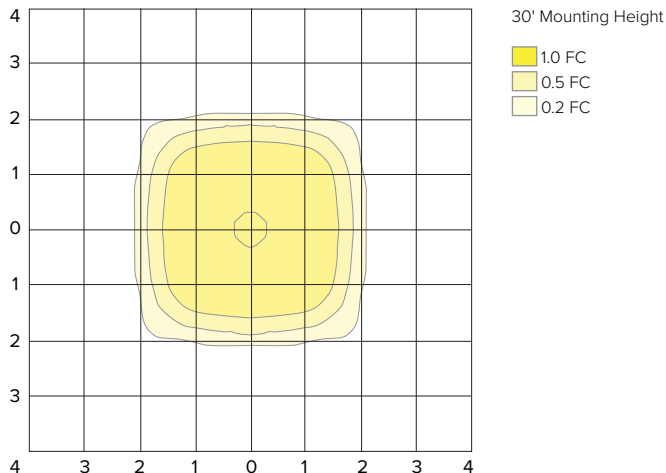
**LUMINAIRE DATA**

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

**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**

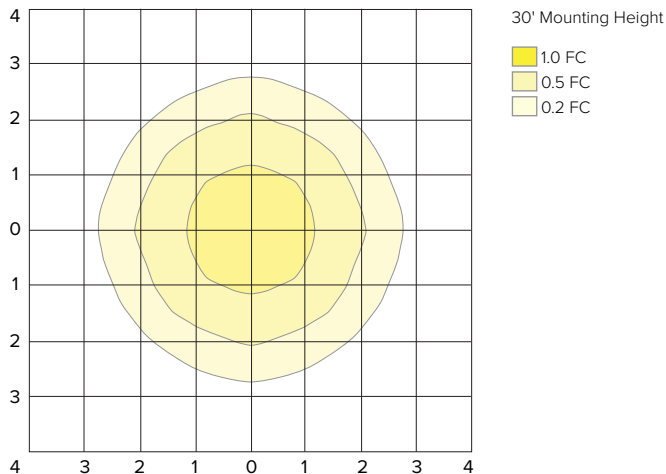
**LUMINAIRE DATA**

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

**ZONAL LUMEN SUMMARY**

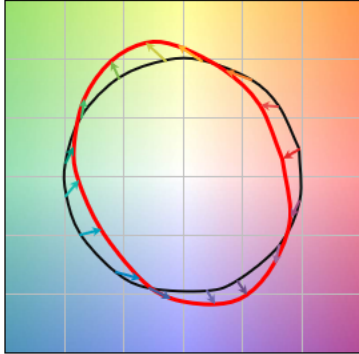
Zone	Lumens	% Luminaire
Downward Street Side	7664	50%
Downward House Side	7664	50%
Downward Total	15327	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	15327	100%

**ISOFOOT CANDLE PLOT**



**TM-30 DATA**

**COLOR VECTOR GRAPHIC**

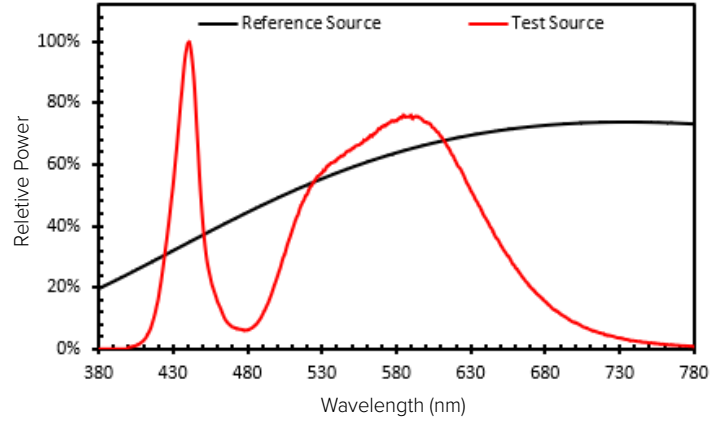


— Reference Illuminant — Test Source

**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**

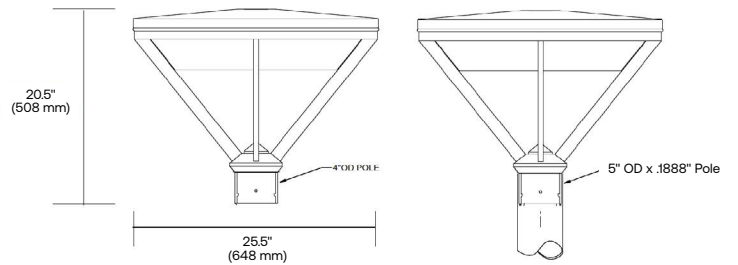


**ELECTRICAL DATA**

System Current	System Watts	Electrical								Min. Power Factor	Max THD (%)	Dimming Range	Dimming			
		Line Voltage		Amps AC									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							

STRIKE LUMEN MULTIPLIER			
CCT	70 CRI	CRI 80	90 CRI
2700K	0.9	0.81	0.62
3000K	0.933	0.853	0.659
3500K	0.959	0.894	0.711
4000K	1	0.9	0.732
5000K	1	0.9	0.732
MONOCHROMATIC AMBER MULTIPLIER			
Amber	0.255		

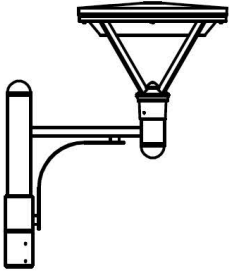
**DIMENSIONS**



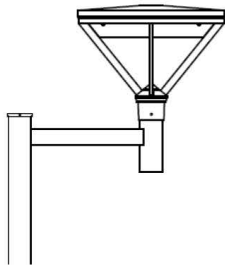
**MOUNTING OPTIONS**

**POLE MOUNTED ARMS**

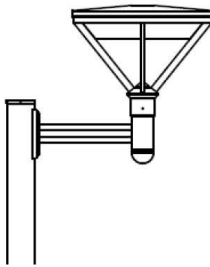
**SLA1/SLA1-2**  
SLIPS OVER A 4" O.D. POLE



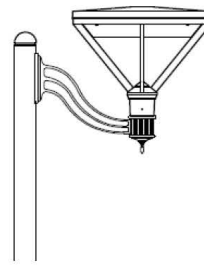
**SLA8U-4/SLA8U-5**  
BOLTS TO A 4" OR 5" POLE



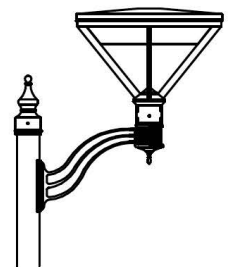
**SLA22U-4/SLA22U-5**  
BOLTS TO A 4" OR 5" POLE



**TRA5U-4/TRA5U-5**  
BOLTS TO A 4" OR 5" POLE

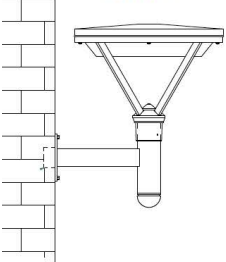


**TRA6U-4/TRA6U-5**  
BOLTS TO A 4" OR 5" POLE

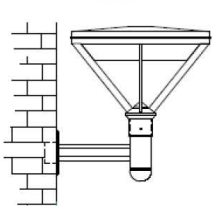


**WALL MOUNTED ARMS**

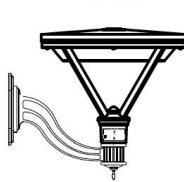
**WMA9U**



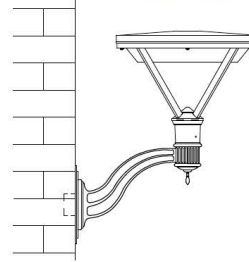
**WMA22U**



**WMA35U**

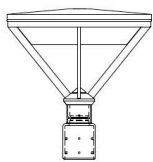


**WMA36U**

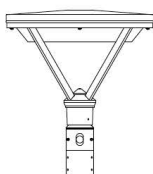


**POST TOP, PHOTOCELL & EGRESS POST TOP ADAPTORS**

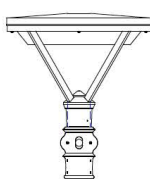
**WMA9U**



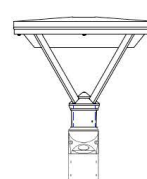
**PCA-C**



**PCA-T**



**EPA-C**



**EPA-T**



# AURORALIGHT

PROJECT: \_\_\_\_\_

SKU #: \_\_\_\_\_

TYPE: \_\_\_\_\_

## CASCADE

STW637204

The Cascade is a surface-mounted LED wall light that offers excellent illumination of walls and walkways in a stylish design featuring a precision-machined acrylic optic with a prismatic design for uniform distribution.

- Dual listed for interior and exterior wet location use
- Thermally Integrated® w/ Copper Core Technology®
- Cree LED™ XP-L® High Density
- Ideal for stairs, pathways and architecture



### CONFIGURATOR:

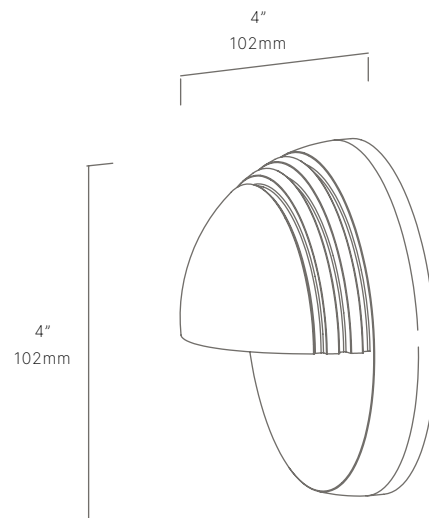
STW637204	LED	FINISH
	<input type="text"/>	<input type="text"/>
	( ) = Most common configuration	(NAT) Natural Brass
	(2702) 2700K 2W (2704) 2700K 4W (3002) 3000K 2W (3004) 3000K 4W	(BLP) Bronze Living Patina (BLPX) Extra Dark BLP (NI) Nickel PVD

### AVAILABLE FINISHES:



FIXTURE DIMENSIONS	D4" x W4"
LIGHT SOURCE	Integrated LED
COLOR TEMPERATURES	2700K, 3000K
WATTAGES	2W, 4W
CRI (RA)	80 CRI
VOLTAGE	12V
DELIVERED LUMENS	314lm (3000K)
DIMMABLE	Yes, Dim to <10% via Transformer
DRIVER	Yes, 12V Integral Constant Current
TRANSFORMER	12V AC/DC (Supplied by others)
MOUNT	Included Backplate
FINISH	Included Natural Brass
MATERIAL	Brass
WIRE LENGTH	24"
LOCATION	Interior & Exterior Wet
CERTIFICATIONS	UL, IP66, IP67, IC, Dark Sky

\*For complete warranty terms, please visit: [www.auroralight.com/warranty/](http://www.auroralight.com/warranty/)



P. 760.931.2910

O. 2742 Loker Ave. W Carlsbad CA 92010

W. [www.auroralight.com](http://www.auroralight.com)

MADE IN USA  
WITH DOMESTIC & IMPORTED MATERIALS



# AURORALIGHT

PROJECT:

SKU #:

TYPE:

P. 760.931.2910

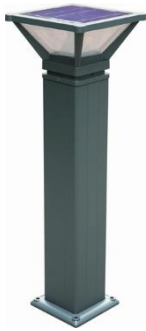
O. 2742 Loker Ave. W Carlsbad CA 92010

W. [www.auroralight.com](http://www.auroralight.com)

MADE IN USA  
WITH DOMESTIC & IMPORTED MATERIALS



# 2SPBL11 Architectural Solar LED Light



The 2SPBL11 solar bollard light is an architectural independent lighting solution ideally for various applications such as parks, pathways, bike lanes, remote areas, golf courses, beach resorts, marinas, residential areas and landscape lighting projects.

The architectural patented design in combination with a robust high LED lighting output in a high-grade construction makes it your ideal choice for all your self-contained lighting projects.

2SPBL11 works completely without wiring and gets its power from the sun, using a special energy storage system, which requires no replacement of batteries for several years.

Energy storage and usage is controlled by a unique built-in self-decisive software algorithm. Cloudy days or shaded areas, the intelligent energy saving 2SBL11 always provides perfect lighting conditions.



## Uses and Applications Guide

Residential areas	●
Parks	●
Boardwalks	●
Resorts	●
Marinas	●
Gardens	●
Landscaping	●
Walking paths	●
Bike paths	●
Golf courses	●

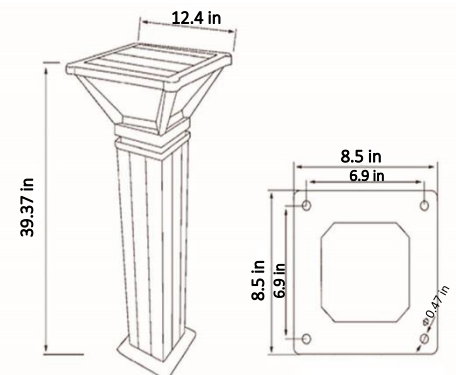
## Technical Specifications

Solar Power	7W
Battery Capacity	6.4V/5Ah
Battery Type	LifePO4 Battery, more then 2000 cycles
Power of Lamp	2W (220LM)
Pole Height (Light Included)	39.37in
Rainy/Cloudy Days	Depends on solar radiation
Working Temperature	5°F- 149°F
Operation Mode	Dimming option
Lighting Technology	NICHIA/ OSRAM LED
Life span	50.000 Hours
CCT	3,000K – 6,000K
Solar Module	Monocrystalline solar panel
IP Rating	IP65
Body Material	Anodized aluminum alloy

## ORDERING GUIDE

Example: 2SPBL11- 30K - 0 - GR-39.37"-DS

Series	LED Color	Dimming	Finish	Height	Options
2SPBL11	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	30K 3000K*** 40K 4000K 50K 5000K 60K 6000K	0 - No Sensor 1 - Sensor	GR - Grey BLK - Black	39.37 in	DS- 3,000K or lower must be selected to meet IDA Dark Sky requirements
	*** 3,000K or lower must be selected to meet IDA Dark Sky requirements				



Legal Clarification :All technical information and/or products listings and/or technical support ,and/or any kind of graphics ,illustrations and/or instructions and/or the names ,trade names ,trademarks ,trade symbols ,service marks ,logos ,icons and trade dress of SolarPath Inc or in connection to SolarPath Inc or any of its selling products ,contained herein is in the exclusive ownership of SolarPath Inc and may not be alternated and/or used in any manner including but not limited to copy of some or all of the said material by users and/or viewers or any third party for that matter of this document and the website to which it is linked without the express prior written permission of SolarPath Inc .Furthermore ,redistribution or any kind of commercial use or alternation or any kind of use other then downloading presented information in some or all contents of downloadable documents ,and/or downloadable contents ,is strictly prohibited without express written prior permission .All information set out herein is subject to changes as may occur from time to time .SolarPath Inc is not responsible for ,and cannot guarantee and shall not be held liable for any information or the accuracy of such in websites that it does not manage