



WATTAGE & LUMEN CHART

Lumen Package

	4,000	6,000	8,000	8,000	10,000
CCT (80CRI)	2700K	2700K	2700K	3000K	3000K
Lumen Range	3992-4,342	6,050-6,623	7,735-8,254	8,293-8,850	10,408-10,957
Wattage	38	55	74	74	94
Nominal Uplight (%)¹	< 10%	< 10%	< 10%	< 10%	< 10%

The Savannah Collection blends historical design with lighting technology, significantly reducing energy and maintenance costs, with optical control designed to preserve and protect the night sky environment. Beautiful by day and efficient by night, the perfect street, curbside, and pathway solution for large municipal or residential projects. The Savannah Collection features the patented "Star Power" optical system.

BUY AMERICAN

To ensure the latest BAA/TAA/BABA Standards are being met, please select BAA, TAA, or BABA in the options section. Please contact the factory before placing an order for any NLS products requesting BAA (Buy American Act), TAA (Trade Agreement Act), or BABA (Build America, Buy America).

TECHNICAL SPECIFICATIONS

- Neighbor and environmentally friendly design with less than 10% Uplight with Star Powered™ Optical System¹
- 100+ Lumens per Watt at 2700K & 3000K at 80 CRI²
- 20kA Surge Protection standard
- Type III Asymmetric or Type V Symmetric distributions
- Lighting control system compatible with 7 Pin Receptacle and Dali II Driver option
- All internal components are pre-wired using modular electrical connections
- Luminaire assembly has a visible arrow indicating the "STREET SIDE" of the Luminaire
- Provided with a terminal block for fast, secure wiring
- Internal House Side Shield available with Type III asymmetric distribution to reduce glare
- Integrated Retrofit System available for existing fixture holders. Consult Factory for details
- Fluted Poles and Decorative Cast Pole Bases available
- IP66 Rated against dust and water ingress
- 3G Vibration Rated

STAR POWER™ OPTICAL SYSTEM

The Star Power™ reflector is an excellent system which provides great value and performance. Star Power Patent number: 10168023



¹ Averaged Uplight % for all of the configurations

² Not always applicable in cases with House Side Shield option

Project Name:

Type:

THE SAVANNAH COLLECTION ORDERING GUIDE

Cat#	Shade / Lens	Light Dist.	# of LEDs	Lumens	Kelvin
Savannah 1 (SVN-1)	Shade 1 (SH1)	Type 3 Asymmetric Optimized (T3)	16 LED (Type 3 Only) (16L)	4,000 (4)	2700K, 80 CRI - STD (27K8)
		Type 5 Symmetric Optimized (T5)	20 LED (Type 5 Only) (20L)	6,000 (6)	3000K, 80 CRI - STD (30K8)
		Consult factory for Custom/Modified Distributions (TX) ¹		8,000 (8)	
				10,000 (10)	Amber 585-600 nM - Custom (AMBER) ^{1, 2, 3}
Savannah 2 (SVN-2)	Shade 2 (SH2)				2700K, 70 CRI - Custom (27K7) ^{1, 2}
	Shade 3 (SH3)				3000K, 70 CRI - Custom (30K7) ^{1, 2}
	Lens Globe 1 (LG1-G199)				3500K, 80 CRI - Custom (35K8) ^{1, 2}
	Lens Globe 2 (LG2-G118)				4000K, 70 CRI - Custom (40K7) ^{1, 2}
	Lens Globe 3 (LG3-G192)				4000K, 80 CRI - Custom (40K8) ^{1, 2}
					5000K, 70 CRI - Custom (50K7) ^{1, 2}
					5000K, 80 CRI - Custom (50K8) ^{1, 2}
Volts	Mounting Provisions	Arms	Color	Controls Options	Options
120-277 (UNV)	Post Top Mounting Holder Over 3" OD Tenon (PT)	Single Side Mounted Arm to slip over a 3" OD Pole (A12-SGL-3R) ⁷	Bronze Textured (BRZ)	Button Photocell (PC) ^{1, 4}	Opal Lens (OPL) ¹
347-480 (HV) ¹		Single Side Mounted Arm to slip over a 4" OD Pole (A12-SGL-4R) ⁷	White Textured (WHT)	Nema 7-Pin Receptacle (PE7) ⁹	Polycarbonate Lens (PLY) ¹
Dali II (120-277V) (D2)	Post Top Mounting Holder Over 4" OD Tenon (PT4) ¹	Single Side Mounted Arm to slip over a 5" OD Pole (A12-SGL-5R) ⁷	Smooth White Gloss (SWT)	Photocell + Receptacle (PCR) ⁹	Decorative Filigree + Strut Combo (FSC)
		Double Side Mounted Arm to slip over a 3" OD Pole (A12-D180-3R) ⁷	Silver Metallic (SVR)	Receptacle + Shorting Cap (PER) ⁹	House Side Shield (HSS) ¹⁰
		Double Side Mounted Arm to slip over a 4" OD Pole (A12-D180-4R) ⁷	Black Textured (BLK)	Custom Controls Integration (CCI) ⁴	Finial (FIN) ⁵
		Double Side Mounted Arm to slip over a 5" OD Pole (A12-D180-5R) ⁷	Smooth Black Gloss (SBK)		Marine Grade Finish (MGF)
			Graphite Textured (GPH)		Buy American (BAA) ⁶
			Grey Textured (GRY)		Trade American (TAA) ⁶
			Green Textured (GRN)		Build America Buy American (BABA) ⁶
			Hunter Green Textured (HGN)		
			Custom (CS)		

NOTES:

1. Consult Factory
2. Consult Factory for availability of other CCT/CRI Requests
3. Turtle Safe options available
4. Please contact Factory for Custom Control Integration requests (nLight, NX, WaveLinx, Crestron, DMX/RDM, Synapse, Casambi, Dali II, or other control systems)
5. Not available with Photocell + Receptacle
6. Consult factory for all BAA/TAA/BABA requests
7. Must be ordered with PT mounting provision
8. FSC for SVN-2
9. PCR, PER & PE7 not available with shade options
10. Optional HSS available for T3 optical design. Includes fullcutoff clip on HSS that can be field installed to reduce back light
11. Consult factory for large volume opportunities regarding the feasibility of custom distributions



701 Kingshill Place, Carson, CA 90746
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PRODUCT SPECIFICATIONS

ELECTRICAL

- 120-277 Volts (UNV) or 347-480 Volts (HV)
- 0-10V dimming driver, or Dali II
- Driver power factor at maximum load is $\geq .95$, THD maximum load is 15%
- LED Drivers Operating Temp. Min is -40°C and Ambient Temp. Max ranges from 50°C to 55°C. Consult the factory for revalidation by providing the fixture catalog string before quoting and specifying it
- All internal wiring UL certified for 600 VAC and 105°C
- CRI 70, 80 or 90
- Color temperatures: Amber, 2700, 3000K, 3500K, 4000K, 5000K
- Surge Protection: 20KA supplied as standard

CONSTRUCTION

- Cast Aluminum for SVN-1 and SVN-2 holders

OPTIONS

- Opal Lens
- Polycarbonate Lens
- Decorative Filigree + Strut Combo
- Finial
- MARINE GRADE FINISH (MGF) - A multi-step process creating protective finishing coat against harsh environments. Chemically washed in a 5 stage cleaning system. Pre-baked, Powder coated 3-5 mils of Zinc Rich Super Durable Polyester Primer. Oven Baked. Finished Powder Coating of Super Durable Polyester Powder Coat 3-5 mil thickness.

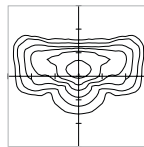
CONTROL OPTIONS

- NEMA 7-PIN RECEPTACLE (PE7)—An ANSI C136.41-2013 receptacle provides electrical and mechanical interconnection between photo control cell and luminaire. Dimming receptacle available two or four dimming contacts supports 0-10 VDC dimming methods or Digital Addressable Lighting Interface (DALI), providing reliable power interconnect.
- PHOTOCELL + RECEPTACLE (PCR)—7-Pin Receptacle and Electronic Twist Lock Photocell for dusk to dawn operation.
- RECEPTACLE + SHORTING CAP (PER)—7-Pin Receptacle and Shorting Cap.
- PHOTOCELL - Button type photocell.
- Controls Agnostic: Please contact factory for your preferred controls option. (nLight, NX, WaveLinx, Crestron, DMX/RDM, Synapse, Casambi, DALI II, Avi-On, or other control systems)

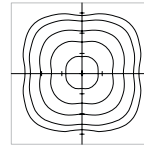
OPTICS

Recessed Star Power Optical System is 95% reflective material. Utilizes a linear diffused pattern, softening the light distribution and eliminating any dark shadows or striations.

- IES Types



TYPE III (T3)



TYPE V (T5)

FINISH

- 3-5 mils electrostatic powder coat.
- NLS Lighting standard high-quality finishes prevent corrosion and protects against extreme environmental conditions

WARRANTY

Five-year limited warranty for drivers and LEDs.

CERTIFICATIONS

- UL Listed in compliance with UL 1598, the Standard for Safety of Luminaires, including the applicable wet location requirements
- Compliant with UL 8750 LED driver design and test safety standards
- CSA C22.2 No. 250.0
- 3G Rated
- IP66

BUY AMERICAN OPTION

While all of the NLS Lighting products listed in this document qualify for the Buy America(n) Act of 1933, we reserve the right to change our listings without notice.

The information provided above is for general informational purposes only. We encourage you to consult legal professionals for advice particular to your projects concerning BAA, TAA, BABA or Buy America.

Download NLS Products that meet BAA, TAA standards can be found at the following link:

[https://nslighting.com/NLS_BuyAmerica\(n\).pdf](https://nslighting.com/NLS_BuyAmerica(n).pdf)



The information and specifications on this document are subject to change without any notification. All values are design, nominal, typical or prorated values when measured under internal and external laboratory conditions.

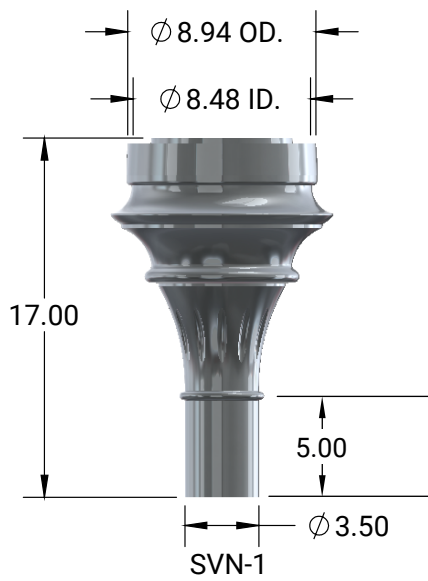


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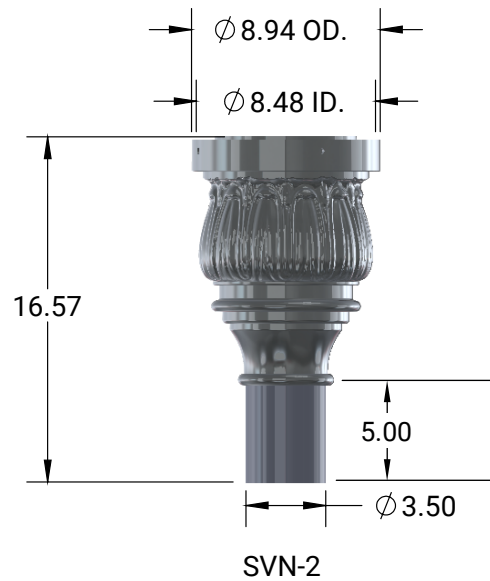
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PRODUCT SPECIFICATIONS

MOUNTING HOLDERS

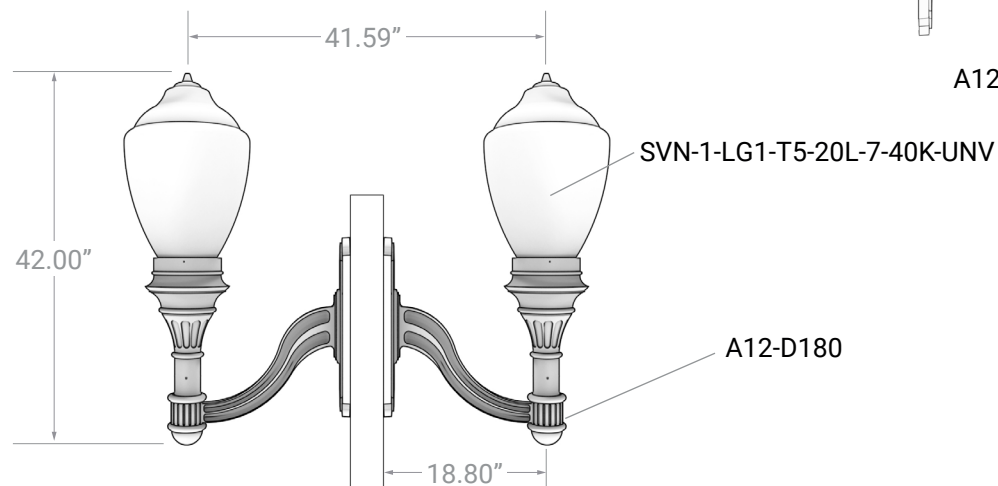
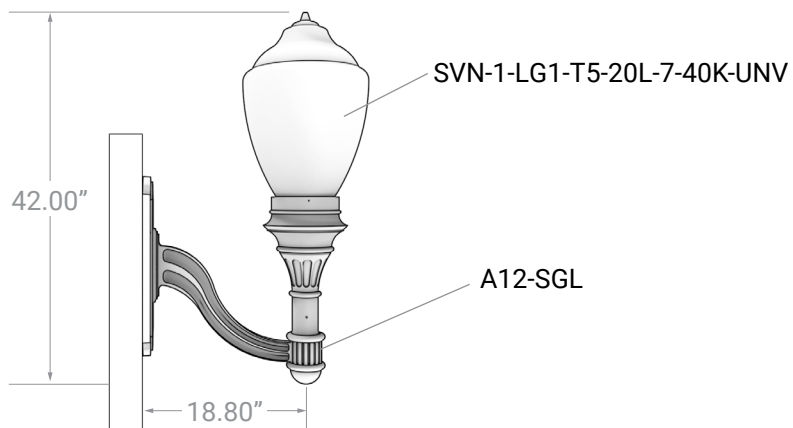


Fits over 3" *
Pole/Tenon

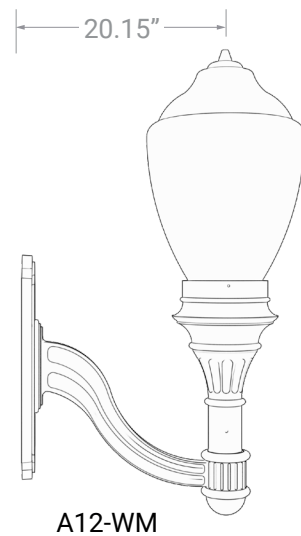


Fits over 3" *
Pole/Tenon

A12 ARM MOUNT

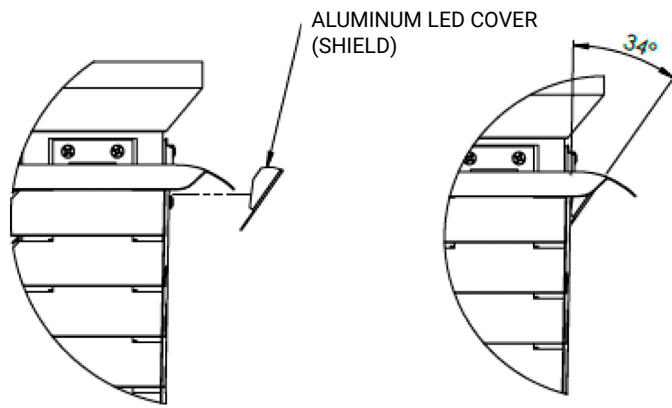
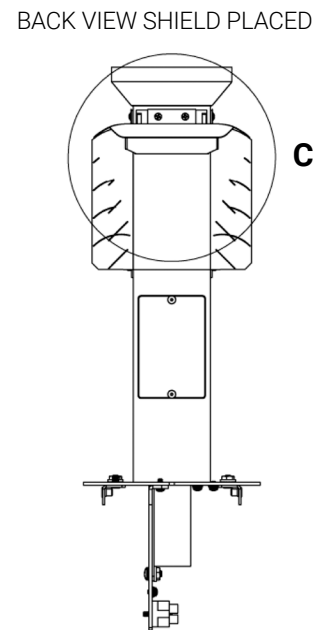
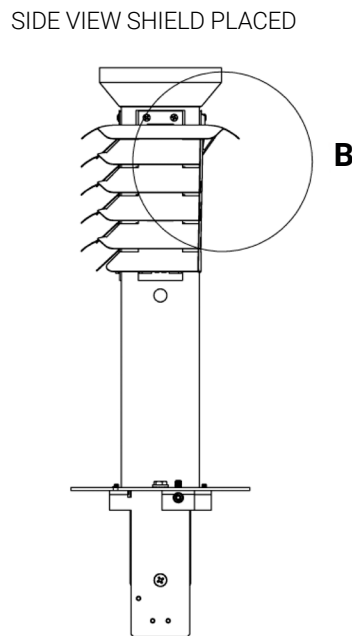
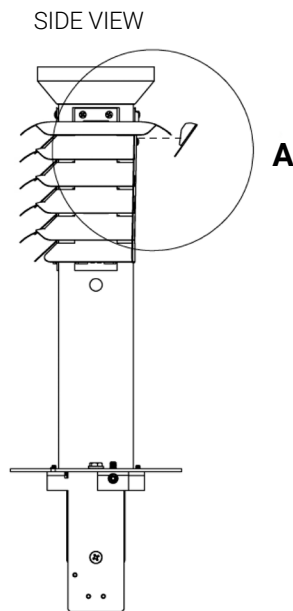
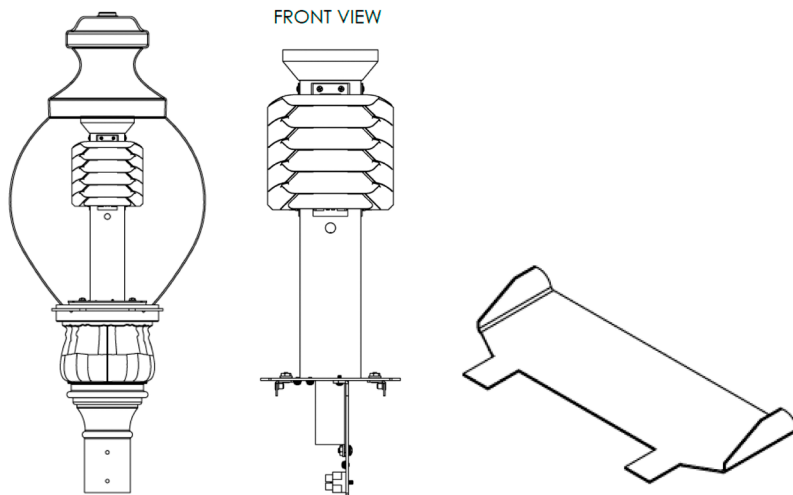


A12 WALL MOUNT



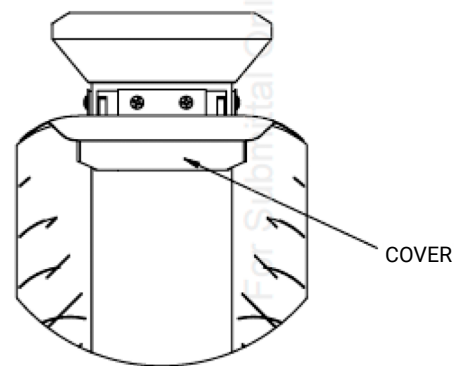
PRODUCT SPECIFICATIONS

HOUSE SIDE SHIELD



DETAIL A

DETAIL B



DETAIL C

PRODUCT SPECIFICATIONS

SHADE & CONTROL OPTIONS

SHADE 1



SHADE 2



SHADE 3



	SVN-1-LG1									SVN-1-LG2						SVN-1-LG3					
LG1 (G199)	X	X	X	X	X	X	X	X	X												
LG2 (G118)										X	X	X	X	X	X						
LG3 (G192)																X	X	X	X	X	
SH1				X	X																
SH2						X	X														
SH3								X	X												
PCR (Inside Lens)		X									X	X					X	X			
PC			X	▶	▶	▶	▶	▶	▶				X	X					X	X	
FSC																					
HSS	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	
FIN					X		X		X		X		X		X		X			X	
	SVN-1-LG1	SVN-1-LG1-PCR	SVN-1-LG1-PC	SVN-1-LG1-SH1	SVN-1-LG1-SH1-FIN	SVN-1-LG1-SH2	SVN-1-LG1-SH2-FIN	SVN-1-LG1-SH3	SVN-1-LG1-SH3-FIN	SVN-1-LG2	SVN-1-LG2-FIN	SVN-1-LG2-PCR	SVN-1-LG2-PCR-FIN	SVN-1-LG2-PC	SVN-1-LG2-PC-FIN	SVN-1-LG3	SVN-1-LG3-FIN	SVN-1-LG3-PCR	SVN-1-LG3-PCR-FIN	SVN-1-LG3-PC	SVN-1-LG3-PC-FIN

▶ Denotes options that can be added without any restrictions.



SVN-1-LG1



SVN-1-LG1-SH1



SVN-1-LG1-SH2



SVN-1-LG1-SH3



SVN-1-LG1-SH1-FIN



SVN-1-LG1-SH2-FIN



SVN-1-LG1-SH3-FIN



SVN-1-LG2



SVN-1-LG2-FIN



SVN-1-LG3



SVN-1-LG3-FIN

PRODUCT SPECIFICATIONS

SHADE & CONTROL OPTIONS

	SVN-2-LG1									SVN-2-LG2						SVN-2-LG3					
LG1 (G199)	X	X	X	X	X	X	X	X	X												
LG2 (G118)										X	X	X	X	X	X						
LG3 (G192)																X	X	X	X	X	
SH1				X	X																
SH2						X	X														
SH3								X	X												
PCR (Inside Lens)		X									X	X					X	X			
PC			X	▶	▶	▶	▶	▶	▶					X	X				X	X	
FSC				▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶						
HSS	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	▶	
FIN					X		X		X		X		X		X		X		X		
	SVN-2-LG1	SVN-2-LG1-PCR	SVN-2-LG1-PC	SVN-2-LG1-SH1	SVN-2-LG1-SH1-FIN	SVN-2-LG1-SH2	SVN-2-LG1-SH2-FIN	SVN-2-LG1-SH3	SVN-2-LG1-SH3-FIN	SVN-2-LG2	SVN-2-LG2-FIN	SVN-2-LG2-PCR	SVN-2-LG2-PCR-FIN	SVN-2-LG2-PC	SVN-2-LG2-PC-FIN	SVN-2-LG3	SVN-2-LG3-FIN	SVN-2-LG3-PCR	SVN-2-LG3-PCR-FIN	SVN-2-LG3-PC	SVN-2-LG3-PC-FIN

▶ Denotes options that can be added without any restrictions.



SVN-2-LG1



SVN-2-LG1-SH1



SVN-2-LG1-SH2



SVN-2-LG1-SH3



SVN-2-LG1-SH1-FIN



SVN-2-LG1-SH2-FIN



SVN-2-LG1-SH3-FIN



SVN-2-LG1-FSC



SVN-2-LG1-SH1-FIN-FSC



SVN-2-LG1-SH2-FIN-FSC



SVN-2-LG1-SH3-FIN-FSC



SVN-2-LG2



SVN-2-LG2-FIN



SVN-2-LG2-FSC



SVN-2-LG2-FIN-FSC



SVN-2-LG3



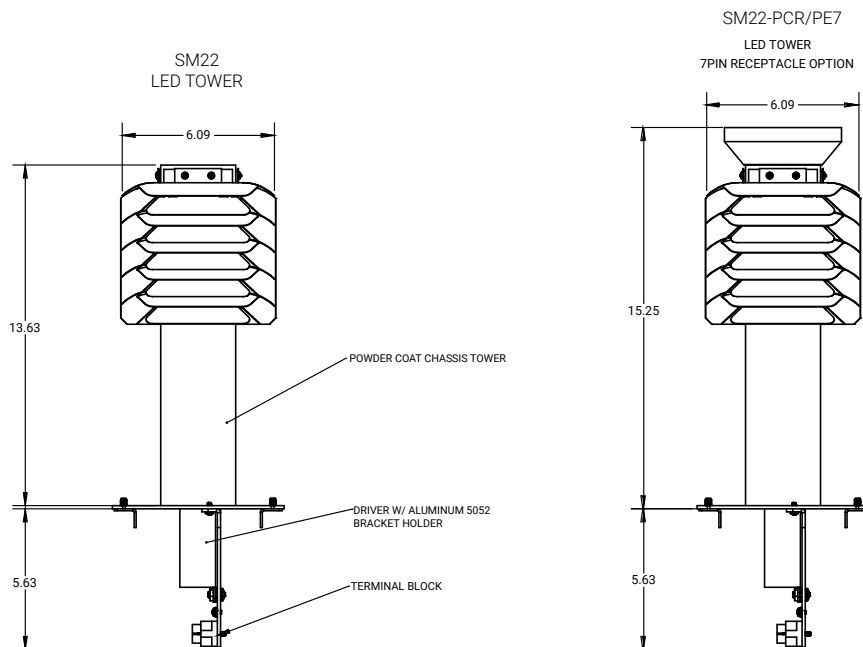
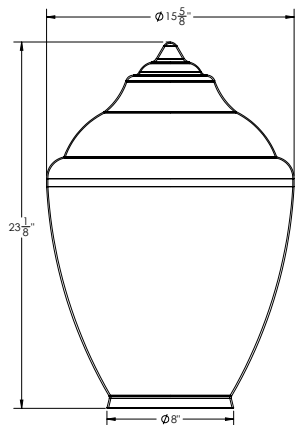
SVN-2-LG3-FIN

PRODUCT SPECIFICATIONS

FOR LARGE LENS GLOBE (LG1-G199) - SM22 LED TOWER



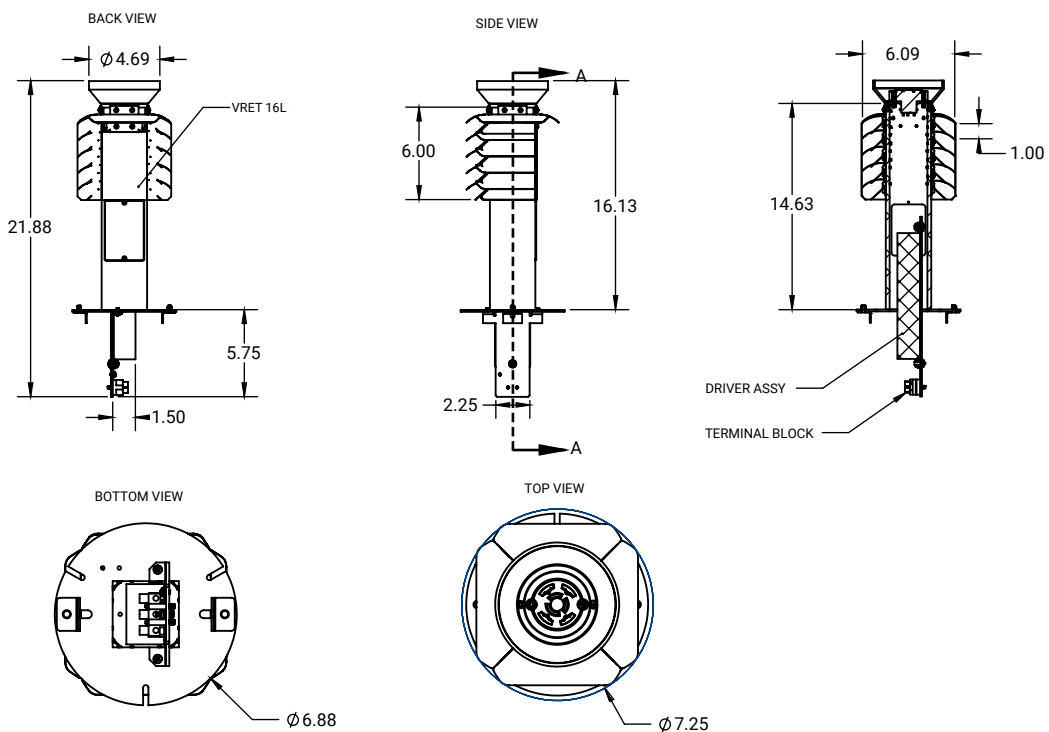
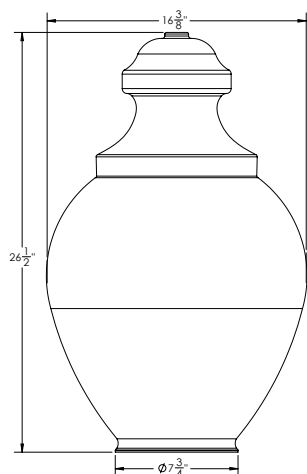
LENS GLOBE 1



FOR LARGE LENS GLOBE (LG2-G118) - TL26 LED TOWER

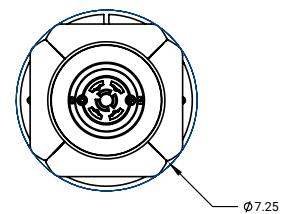
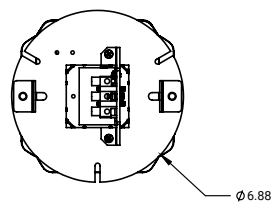
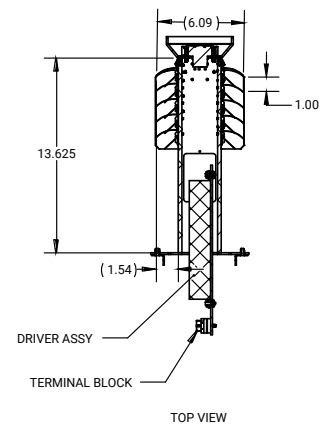
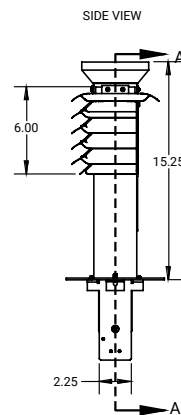
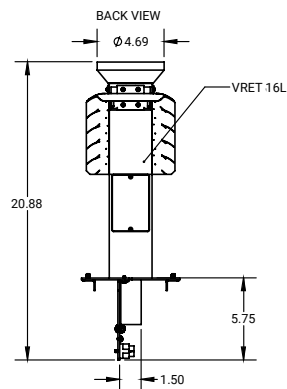
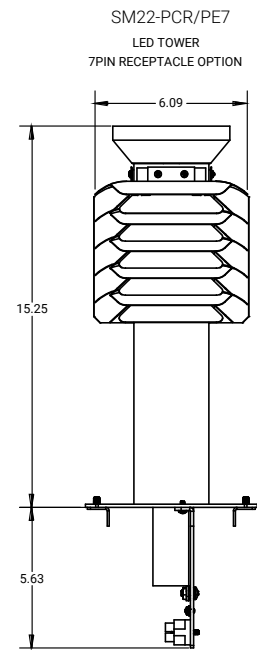
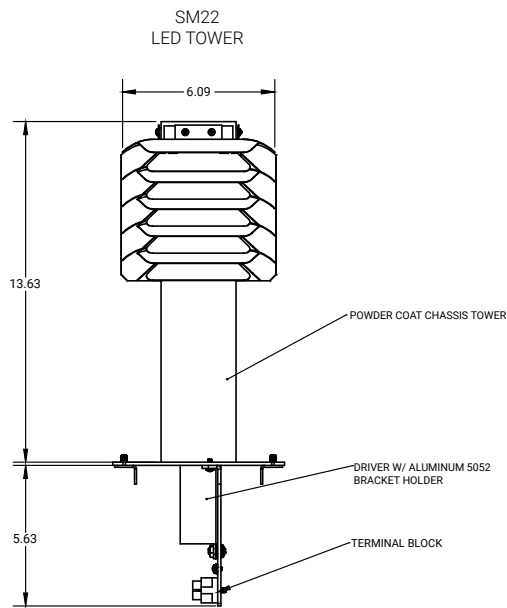
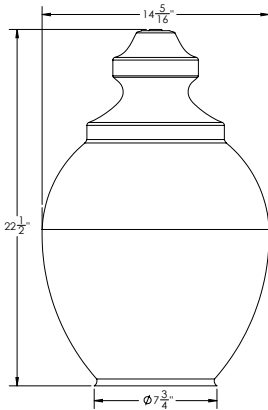


LENS GLOBE 2

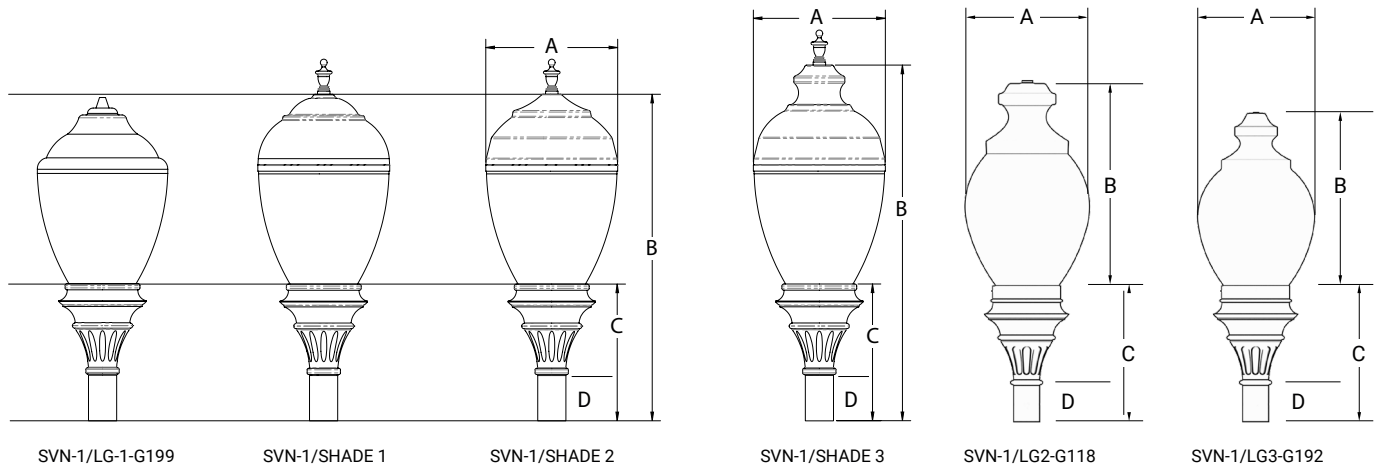


PRODUCT SPECIFICATIONS

FOR SMALL LENS GLOBE (LG3-192) - SM22 LED TOWER

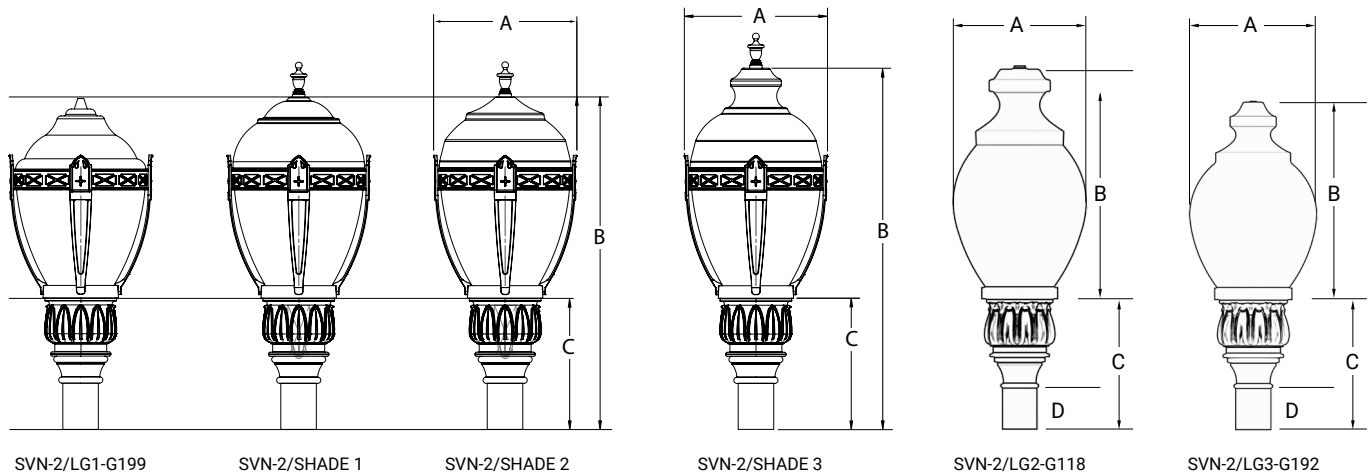


PRODUCT SPECIFICATIONS



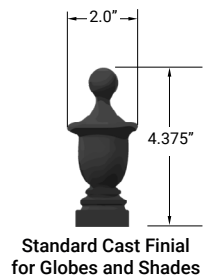
DIMENSIONS						
PART NUMBER	A	B	C	D	Weight	EPA
SVN-1/LG1-G199	15.88 in	34.63 in	17.50 in	5.00 in	23 lbs	1.10
SVN-1/SH1	15.88 in	34.63 in	17.50 in	5.00 in	24 lbs	1.14
SVN-1/SH2	15.88 in	34.63 in	17.50 in	5.00 in	24 lbs	1.14
SVN-1/SH3	15.88 in	34.63 in	17.50 in	5.00 in	24.5 lbs	1.24
SVN-1/LG2-G118	16.38 in	38.00 in	17.50 in	5.00 in	24 lbs	1.24
SVN-1/LG3-G192	14.31 in	34.00 in	17.50 in	5.00 in	20 lbs	1.00

If adding a Finial then height will be increased by 4.375", for the EPA add .015.



DIMENSIONS						
PART NUMBER	A	B	C	D	Weight	EPA
SVN-2/LG1-G199	15.88 in	33.93 in	17.07 in	5.00 in	24	1.13
SVN-2/SH1	15.88 in	33.93 in	17.07 in	5.00 in	25	1.16
SVN-2/SH2	15.88 in	33.93 in	17.07 in	5.00 in	25	1.16
SVN-2/SH3	15.88 in	33.93 in	17.07 in	5.00 in	26.5	1.26
SVN-2/LG2-G118	16.38 in	37.30 in	17.07 in	5.00 in	26	1.25
SVN-2/LG3-G192	16.38 in	33.30 in	17.07 in	5.00 in	21	1.00

If adding a Finial then height will be increased by 4.375", for the EPA add .015.



PRODUCT SPECIFICATIONS

Lumen Maintenance Data							
Ambient Temperature	Drive Current	L90 Hours*	L70 Hours**	30,000 Hours*	50,000 Hours*	60,000 Hours*	100,000 Hours**
25°C	Up to 700mA	58,000	173,000	95.7%	91.6%	89.6%	82.1%
*Reported extrapolations per IESNA TM-21				**Projected extrapolations per IESNA TM-21			

SAVANNAH 16 LED, TYPE 3 DISTRIBUTION LUMEN DATA CHART

PART NUMBER	Wattage	LG1-G199 Lumens	Lumen/Watts	BUG Rating	Nominal Uplight (%)	LG2-G118 Lumens	Lumen/Watts	BUG Rating	Nominal Uplight (%)	LG3-G192 Lumens	Lumen/Watts	BUG Rating	Nominal Uplight (%)
SVN-(1 OR 2)-LENS-T3-16L-4-27K7	38	4263	112	B2-U3-G3	11.6	4316	114	B2-U3-G3	9.7	4325	114	B2-U3-G3	9.7
SVN-(1 OR 2)-LENS-T3-16L-4-27K8	38	3992	105	B2-U3-G3	11.6	4041	106	B2-U3-G3	9.7	4050	107	B1-U3-G3	9.7
SVN-(1 OR 2)-LENS-T3-16L-4-30K7	38	4609	121	B2-U3-G3	11.6	4666	123	B2-U3-G3	9.7	4675	123	B2-U3-G3	9.7
SVN-(1 OR 2)-LENS-T3-16L-4-30K8	38	4280	113	B2-U3-G3	11.6	4333	114	B2-U3-G3	9.7	4342	114	B2-U3-G3	9.7
SVN-(1 OR 2)-LENS-T3-16L-4-35K8	38	4280	113	B2-U3-G3	11.6	4333	114	B2-U3-G3	9.7	4342	114	B2-U3-G3	9.7
SVN-(1 OR 2)-LENS-T3-16L-4-40K7	38	4609	121	B2-U3-G3	11.6	4666	123	B2-U3-G3	9.7	4675	123	B2-U3-G3	9.7
SVN-(1 OR 2)-LENS-T3-16L-4-40K8	38	4609	121	B2-U3-G3	11.6	4666	123	B2-U3-G3	9.7	4675	123	B2-U3-G3	9.7
SVN-(1 OR 2)-LENS-T3-16L-4-50K7	38	4981	131	B2-U3-G3	11.6	5043	133	B2-U3-G3	9.7	5053	133	B2-U3-G3	9.7
SVN-(1 OR 2)-LENS-T3-16L-4-50K8	38	4609	121	B2-U3-G3	11.6	4666	123	B2-U3-G3	9.7	4675	123	B2-U3-G3	9.7
SVN-(1 OR 2)-LENS-T3-16L-6-27K7	55	6129	111	B2-U3-G3	11.6	6473	118	B2-U3-G3	9.7	6461	117	B2-U3-G4	9.7
SVN-(1 OR 2)-LENS-T3-16L-6-27K8	55	5739	104	B2-U3-G3	11.6	6061	110	B2-U3-G3	9.7	6050	110	B2-U3-G4	9.7
SVN-(1 OR 2)-LENS-T3-16L-6-30K7	55	6626	120	B2-U3-G3	11.6	6998	127	B2-U3-G3	9.7	6985	127	B2-U3-G4	9.7
SVN-(1 OR 2)-LENS-T3-16L-6-30K8	55	6153	112	B2-U3-G3	11.6	6499	118	B2-U3-G3	9.7	6487	118	B2-U3-G4	9.7
SVN-(1 OR 2)-LENS-T3-16L-6-35K8	55	6153	112	B2-U3-G3	11.6	6499	118	B2-U3-G3	9.7	6487	118	B2-U3-G4	9.7
SVN-(1 OR 2)-LENS-T3-16L-6-40K7	55	7161	130	B2-U3-G3	11.6	7564	138	B2-U3-G3	9.7	7550	137	B2-U3-G4	9.7
SVN-(1 OR 2)-LENS-T3-16L-6-40K8	55	6626	120	B2-U3-G3	11.6	6998	127	B2-U3-G3	9.7	6985	127	B2-U3-G4	9.7
SVN-(1 OR 2)-LENS-T3-16L-6-50K7	55	7161	130	B2-U3-G3	11.6	7564	138	B2-U3-G3	9.7	7550	137	B2-U3-G4	9.7
SVN-(1 OR 2)-LENS-T3-16L-6-50K8	55	6626	120	B2-U3-G3	11.6	6998	127	B2-U3-G3	9.7	6985	127	B2-U3-G4	9.7
SVN-(1 OR 2)-LENS-T3-16L-8-27K7	74	8260	112	B3-U4-G4	11.6	8631	117	B3-U4-G4	9.7	8593	116	B3-U3-G5	9.7
SVN-(1 OR 2)-LENS-T3-16L-8-27K8	74	7735	105	B3-U4-G4	11.6	8082	109	B3-U3-G4	9.7	8046	109	B2-U3-G5	9.7
SVN-(1 OR 2)-LENS-T3-16L-8-30K7	74	8930	121	B3-U4-G4	11.6	9332	126	B3-U4-G4	9.7	9290	126	B3-U3-G5	9.7
SVN-(1 OR 2)-LENS-T3-16L-8-30K8	74	8293	112	B3-U4-G4	11.6	8666	117	B3-U4-G4	9.7	8627	117	B3-U3-G5	9.7
SVN-(1 OR 2)-LENS-T3-16L-8-35K8	74	8293	112	B3-U4-G4	11.6	8666	117	B3-U4-G4	9.7	8627	117	B3-U3-G5	9.7
SVN-(1 OR 2)-LENS-T3-16L-8-40K7	74	9651	130	B3-U4-G4	11.6	10086	136	B3-U4-G4	9.7	10040	136	B3-U3-G5	9.7
SVN-(1 OR 2)-LENS-T3-16L-8-40K8	74	8930	121	B3-U4-G4	11.6	9332	126	B3-U4-G4	9.7	9290	126	B3-U3-G5	9.7
SVN-(1 OR 2)-LENS-T3-16L-8-50K7	74	9651	130	B3-U4-G4	11.6	10086	136	B3-U4-G4	9.7	10040	136	B3-U3-G5	9.7
SVN-(1 OR 2)-LENS-T3-16L-8-50K8	74	8930	121	B3-U4-G4	11.6	9332	126	B3-U4-G4	9.7	9290	126	B3-U3-G5	9.7
SVN-(1 OR 2)-LENS-T3-16L-10-27K7	94	10366	110	B3-U4-G5	11.6	10732	114	B3-U4-G4	9.7	10741	114	B3-U4-G5	9.7
SVN-(1 OR 2)-LENS-T3-16L-10-27K8	94	9707	103	B3-U4-G5	11.6	10049	107	B3-U4-G4	9.7	10058	107	B3-U4-G5	9.7
SVN-(1 OR 2)-LENS-T3-16L-10-30K7	94	11207	119	B3-U4-G5	11.6	11603	123	B3-U4-G5	9.7	11612	124	B3-U4-G5	9.7
SVN-(1 OR 2)-LENS-T3-16L-10-30K8	94	10408	111	B3-U4-G5	11.6	10775	115	B3-U4-G5	9.7	10784	115	B3-U4-G5	9.7
SVN-(1 OR 2)-LENS-T3-16L-10-35K8	94	10408	111	B3-U4-G5	11.6	10775	115	B3-U4-G5	9.7	10784	115	B3-U4-G5	9.7
SVN-(1 OR 2)-LENS-T3-16L-10-40K7	94	12113	129	B3-U4-G5	11.6	12540	133	B3-U4-G5	9.7	12550	134	B3-U4-G5	9.7
SVN-(1 OR 2)-LENS-T3-16L-10-40K8	94	11207	119	B3-U4-G5	11.6	11603	123	B3-U4-G5	9.7	11612	124	B3-U4-G5	9.7
SVN-(1 OR 2)-LENS-T3-16L-10-50K7	94	12113	129	B3-U4-G5	11.6	12540	133	B3-U4-G5	9.7	12550	134	B3-U4-G5	9.7
SVN-(1 OR 2)-LENS-T3-16L-10-50K8	94	11207	119	B3-U4-G5	11.6	11603	123	B3-U4-G5	9.7	11612	124	B3-U4-G5	9.7



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PRODUCT SPECIFICATIONS

SAVANNAH 16 LED, TYPE 3 DISTRIBUTION WITH HOUSE SIDE SHIELD LUMEN DATA CHART

PART NUMBER	Wattage	LG1-G199 Lumens	Lumen/ Watts	BUG Rating	Nominal Uplight (%)	LG2-G118 Lumens	Lumen/ Watts	BUG Rating	Nominal Uplight (%)
SVN-(1 OR 2)-LENS-T3-16L-4-27K7-HSS	38	4073	107	B1-U3-G3	12.3	4028	106	B1-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-4-27K8-HSS	38	3814	100	B1-U3-G3	12.3	3772	99	B1-U3-G2	8.2
SVN-(1 OR 2)-LENS-T3-16L-4-30K7-HSS	38	4403	116	B1-U3-G3	12.3	4354	115	B1-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-4-30K8-HSS	38	4089	108	B1-U3-G3	12.3	4044	106	B1-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-4-35K8-HSS	38	4089	108	B1-U3-G3	12.3	4044	106	B1-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-4-40K7-HSS	38	4759	125	B1-U3-G3	12.3	4706	124	B1-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-4-40K8-HSS	38	4403	116	B1-U3-G3	12.3	4354	115	B1-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-4-50K7-HSS	38	4759	125	B1-U3-G3	12.3	4706	124	B1-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-4-50K8-HSS	38	4403	116	B1-U3-G3	12.3	4354	115	B1-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-6-27K7-HSS	55	6086	111	B2-U3-G4	12.3	6018	109	B2-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-6-27K8-HSS	55	5699	104	B2-U3-G4	12.3	5635	102	B2-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-6-30K7-HSS	55	6579	120	B2-U3-G4	12.3	6506	118	B2-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-6-30K8-HSS	55	6110	111	B2-U3-G4	12.3	6042	110	B2-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-6-35K8-HSS	55	6110	111	B2-U3-G4	12.3	6042	110	B2-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-6-40K7-HSS	55	7111	129	B2-U3-G4	12.3	7032	128	B2-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-6-40K8-HSS	55	6579	120	B2-U3-G4	12.3	6506	118	B2-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-6-50K7-HSS	55	7111	129	B2-U3-G4	12.3	7032	128	B2-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-6-50K8-HSS	55	6579	120	B2-U3-G4	12.3	6506	118	B2-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-8-27K7-HSS	74	8074	109	B2-U4-G5	12.3	7983	108	B2-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-8-27K8-HSS	74	7560	102	B2-U4-G4	12.3	7475	101	B2-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-8-30K7-HSS	74	8729	118	B2-U4-G5	12.3	8631	117	B2-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-8-30K8-HSS	74	8106	110	B2-U4-G5	12.3	8015	108	B2-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-8-35K8-HSS	74	8106	110	B2-U4-G5	12.3	8015	108	B2-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-8-40K7-HSS	74	9434	127	B2-U4-G5	12.3	9328	126	B2-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-8-40K8-HSS	74	8729	118	B2-U4-G5	12.3	8631	117	B2-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-8-50K7-HSS	74	9434	127	B2-U4-G5	12.3	9328	126	B2-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-8-50K8-HSS	74	8729	118	B2-U4-G5	12.3	8631	117	B2-U3-G3	8.2
SVN-(1 OR 2)-LENS-T3-16L-10-27K7-HSS	94	9546	102	B3-U4-G5	12.3	8560	91	B2-U4-G4	8.2
SVN-(1 OR 2)-LENS-T3-16L-10-27K8-HSS	94	8939	95	B3-U4-G5	12.3	8843	94	B2-U3-G4	8.2
SVN-(1 OR 2)-LENS-T3-16L-10-30K7-HSS	94	10320	110	B3-U4-G5	12.3	10209	109	B2-U4-G4	8.2
SVN-(1 OR 2)-LENS-T3-16L-10-30K8-HSS	94	9584	102	B3-U4-G5	12.3	9481	101	B2-U4-G4	8.2
SVN-(1 OR 2)-LENS-T3-16L-10-35K8-HSS	94	9584	102	B3-U4-G5	12.3	9481	101	B2-U4-G4	8.2
SVN-(1 OR 2)-LENS-T3-16L-10-40K7-HSS	94	11154	119	B3-U4-G5	12.3	11034	117	B2-U4-G4	8.2
SVN-(1 OR 2)-LENS-T3-16L-10-40K8-HSS	94	10320	110	B3-U4-G5	12.3	10209	109	B2-U4-G4	8.2
SVN-(1 OR 2)-LENS-T3-16L-10-50K7-HSS	94	11154	119	B3-U4-G5	12.3	11034	117	B2-U4-G4	8.2
SVN-(1 OR 2)-LENS-T3-16L-10-50K8-HSS	94	10320	110	B3-U4-G5	12.3	10209	109	B2-U4-G4	8.2

PRODUCT SPECIFICATIONS

SAVANNAH 20 LED, TYPE 5 DISTRIBUTION LUMEN DATA CHART

PART NUMBER	Wattage	LG1-G199 Lumens	Lumen/ Watts	BUG Rating	Nominal Uplight (%)	LG2-G118 Lumens	Lumen/ Watts	BUG Rating	Nominal Uplight (%)	LG3-G192 Lumens	Lumen/ Watts	BUG Rating	Nominal Uplight (%)
SVN-(1 OR 2)-LENS-T5-20L-4-27K7	38	4336	114	B2-U3-G2	9.4	4407	116	B2-U3-G2	7.6	4371	115	B2-U3-G2	7.4
SVN-(1 OR 2)-LENS-T5-20L-4-27K8	38	4060	107	B2-U3-G2	9.4	4127	109	B2-U3-G2	7.6	4093	108	B2-U3-G2	7.4
SVN-(1 OR 2)-LENS-T5-20L-4-30K7	38	4687	123	B2-U3-G2	9.4	4765	125	B2-U3-G2	7.6	4726	124	B2-U3-G2	7.4
SVN-(1 OR 2)-LENS-T5-20L-4-30K8	38	4353	115	B2-U3-G2	9.4	4425	116	B2-U3-G2	7.6	4389	116	B2-U3-G2	7.4
SVN-(1 OR 2)-LENS-T5-20L-4-35K8	38	4353	115	B2-U3-G2	9.4	8850	233	B2-U3-G2	7.6	4389	116	B2-U3-G2	7.4
SVN-(1 OR 2)-LENS-T5-20L-4-40K7	38	5066	133	B2-U3-G2	9.4	13950	367	B2-U3-G2	7.6	5108	134	B2-U3-G2	7.4
SVN-(1 OR 2)-LENS-T5-20L-4-40K8	38	4687	123	B2-U3-G2	9.4	12860	338	B2-U3-G2	7.6	4726	124	B2-U3-G2	7.4
SVN-(1 OR 2)-LENS-T5-20L-4-50K7	38	5066	133	B2-U3-G2	9.4	17482	460	B2-U3-G2	7.6	5108	134	B2-U3-G2	7.4
SVN-(1 OR 2)-LENS-T5-20L-4-50K8	38	4687	123	B2-U3-G2	9.4	16115	424	B2-U3-G2	7.6	4726	124	B2-U3-G2	7.4
SVN-(1 OR 2)-LENS-T5-20L-6-27K7	55	4649	85	B3-U3-G3	9.4	6597	120	B3-U3-G3	7.6	6530	119	B3-U3-G2	7.4
SVN-(1 OR 2)-LENS-T5-20L-6-27K8	55	6066	110	B3-U3-G3	9.4	6177	112	B3-U3-G3	7.6	6115	111	B3-U3-G2	7.4
SVN-(1 OR 2)-LENS-T5-20L-6-30K7	55	7004	127	B3-U3-G3	9.4	7132	130	B3-U3-G3	7.6	6585	120	B3-U3-G2	7.4
SVN-(1 OR 2)-LENS-T5-20L-6-30K8	55	6504	118	B3-U3-G3	9.4	6623	120	B3-U3-G3	7.6	6557	119	B3-U3-G2	7.4
SVN-(1 OR 2)-LENS-T5-20L-6-35K8	55	6504	118	B3-U3-G3	9.4	8850	161	B3-U3-G3	7.6	6557	119	B3-U3-G2	7.4
SVN-(1 OR 2)-LENS-T5-20L-6-40K7	55	7569	138	B3-U3-G3	9.4	11987	218	B3-U3-G3	7.6	7631	139	B3-U3-G2	7.4
SVN-(1 OR 2)-LENS-T5-20L-6-40K8	55	7004	127	B3-U3-G3	9.4	11942	217	B3-U3-G3	7.6	7061	128	B3-U3-G2	7.4
SVN-(1 OR 2)-LENS-T5-20L-6-50K7	55	7569	138	B3-U3-G3	9.4	15022	273	B3-U3-G3	7.6	7631	139	B3-U3-G2	7.4
SVN-(1 OR 2)-LENS-T5-20L-6-50K8	55	7004	127	B3-U3-G3	9.4	14966	272	B3-U3-G3	7.6	7061	128	B3-U3-G2	7.4
SVN-(1 OR 2)-LENS-T5-20L-8-27K7	74	8614	116	B3-U4-G3	9.4	8815	119	B3-U3-G3	7.6	8684	117	B3-U3-G3	7.4
SVN-(1 OR 2)-LENS-T5-20L-8-27K8	74	8066	109	B3-U4-G3	9.4	8254	112	B3-U3-G3	7.6	8131	110	B3-U3-G3	7.4
SVN-(1 OR 2)-LENS-T5-20L-8-30K7	74	9312	126	B3-U4-G3	9.4	9530	129	B3-U3-G3	7.6	9388	127	B3-U3-G3	7.4
SVN-(1 OR 2)-LENS-T5-20L-8-30K8	74	8648	117	B3-U4-G3	9.4	8850	120	B3-U3-G3	7.6	8718	118	B3-U3-G3	7.4
SVN-(1 OR 2)-LENS-T5-20L-8-35K8	74	8648	117	B3-U4-G3	9.4	8850	120	B3-U3-G3	7.6	8718	118	B3-U3-G3	7.4
SVN-(1 OR 2)-LENS-T5-20L-8-40K7	74	10065	136	B3-U4-G3	9.4	10300	139	B3-U3-G3	7.6	10146	137	B3-U3-G3	7.4
SVN-(1 OR 2)-LENS-T5-20L-8-40K8	74	9312	126	B3-U4-G3	9.4	11091	150	B3-U3-G3	7.6	9388	127	B3-U3-G3	7.4
SVN-(1 OR 2)-LENS-T5-20L-8-50K7	74	10065	136	B3-U4-G3	9.4	12907	174	B3-U3-G3	7.6	10146	137	B3-U3-G3	7.4
SVN-(1 OR 2)-LENS-T5-20L-8-50K8	74	9312	126	B3-U4-G3	9.4	13899	188	B3-U3-G3	7.6	9388	127	B3-U3-G3	7.4
SVN-(1 OR 2)-LENS-T5-20L-10-27K7	94	9235	98	B3-U4-G3	9.4	10913	116	B3-U4-G3	7.6	10854	115	B3-U4-G3	7.4
SVN-(1 OR 2)-LENS-T5-20L-10-27K8	94	10083	107	B3-U4-G3	9.4	10219	109	B3-U4-G3	7.6	10164	108	B3-U4-G3	7.4
SVN-(1 OR 2)-LENS-T5-20L-10-30K7	94	11641	124	B3-U4-G4	9.4	11798	126	B3-U4-G3	7.6	11735	125	B3-U4-G3	7.4
SVN-(1 OR 2)-LENS-T5-20L-10-30K8	94	10811	115	B3-U4-G4	9.4	10957	117	B3-U4-G3	7.6	10898	116	B3-U4-G3	7.4
SVN-(1 OR 2)-LENS-T5-20L-10-35K8	94	10811	115	B3-U4-G4	9.4	8850	94	B3-U4-G3	7.6	10898	116	B3-U4-G3	7.4
SVN-(1 OR 2)-LENS-T5-20L-10-40K7	94	13548	144	B3-U4-G4	9.4	11987	128	B3-U4-G3	7.6	12683	135	B3-U4-G3	7.4
SVN-(1 OR 2)-LENS-T5-20L-10-40K8	94	11641	124	B3-U4-G4	9.4	11942	127	B3-U4-G3	7.6	11735	125	B3-U4-G3	7.4
SVN-(1 OR 2)-LENS-T5-20L-10-50K7	94	12582	134	B3-U4-G4	9.4	15022	160	B3-U4-G3	7.6	12683	135	B3-U4-G3	7.4
SVN-(1 OR 2)-LENS-T5-20L-10-50K8	94	11641	124	B3-U4-G4	9.4	14966	159	B3-U4-G3	7.6	11735	125	B3-U4-G3	7.4



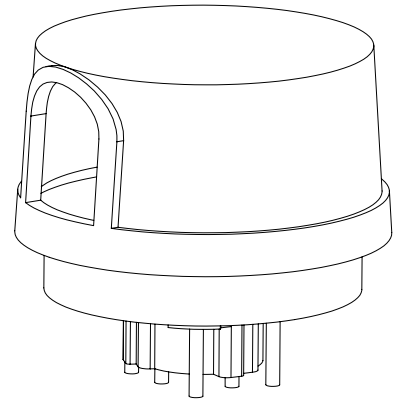
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PRODUCT SPECIFICATIONS

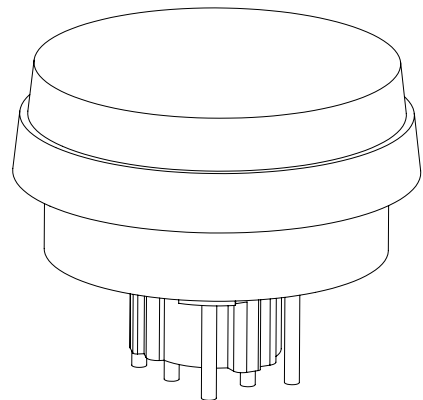
PHOTOCELL + RECEPTACLE (PCR)

7-Pin Receptacle and Electronic Twist Lock Photocell for dusk to dawn operation.



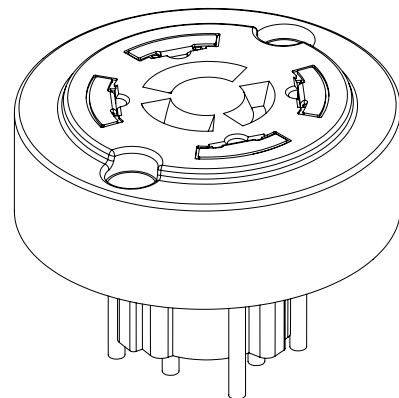
RECEPTACLE + SHORTING CAP (PER)

7-Pin Receptacle and Shorting Cap.



NEMA 7-PIN RECEPTACLE (PE7)

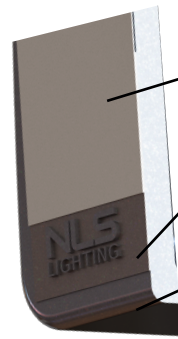
An ANSI C136.41-2013 receptacle provides electrical and mechanical interconnection between photo control cell and luminaire. Dimming receptacle available two or four dimming contacts supports 0-10 VDC dimming methods or Digital Addressable Lighting Interface (DALI), providing reliable power interconnect.



PRODUCT SPECIFICATIONS

MARINE GRADE FINISH (MGF)

The **(MGF)** is a multi step process. Chemically washed in a 5 stage cleaning system. Pre-baked. Powder coated 3-5 mils of Zinc Rich Super Durable Polyester Primer. Oven Baked. Finished Powder Coating of Super Durable Polyester Powder Coat 3-5 mil thickness.



Powder Coat Finish

3-5 mil Powder Coat

Primer Layer

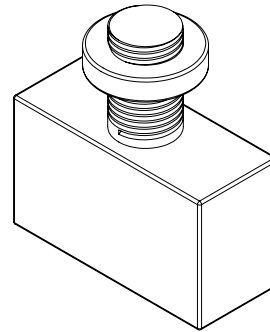
3-5 mil Zinc Rich Super Durable Polyester Primer

Prepared Casting

Chemically washed in multi Step 5 stage cleaning process

BUTTON PHOTOCELL

Photo Cell for dusk to dawn operation.



SHIELDING OPTIONS (HSS)

- SHIELDS (HSS)—House Side Shield (HSS) is designed for full property line cut-off.

HOUSE SIDE SHIELD

