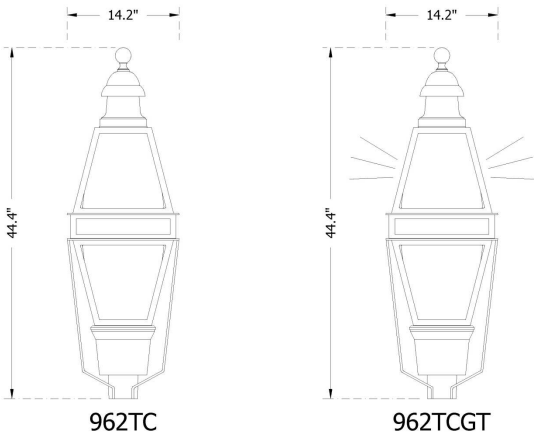


Project Name

Qty

Type

Catalog / Part Number



5 Year Warranty

Description



The 962TC XRLED Glen Ellyn luminaire is a large scale, traditionally styled colonial fixture featuring a tapered four sided cage and roof. This striking design includes 4 external supports and a cupola finial on the hinged roof. An optional Glow Top **(GT)** version includes 4 additional lens panels on the roof to allow uplight for vertical illumination.

EPA: 3.65 (ft²) | WEIGHT: 36 LBS

Finish

Black
Textured

White
Textured

Park
Green
Textured

Arch
Medium
Bronze
Textured

Dark
Bronze
Textured

Verde
Green

Swedish
Iron

Old
World
Gray
Textured

Old
Iron

Rust

Weathered Cedar
Brown

Weathered
Black

Two
Tone

Custom
Match

CCT - Color Temp (K)

2,700K

3,000K

3,500K

4,000K

4,500K

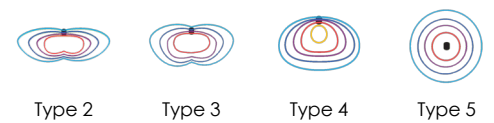
Features

Mounting Configuration	1W: Wall Mount	PT: Post Top
	1A: 1 Arm Mount	1APT: 1 Arm & Post Top
	2A: 2 Arm Mount @ 180°	2A90: 2 Arm Mount @ 90°
	2APT: 2 Arm @ 180° & Post Top	3A: 3 Arms @ 120°
	3APT: 3 Arm @ 120° & Post Top	3A90: 3 Arms @ 90°
	4APT: 4 Arm @ 90° & Post Top	4A: 4 Arms @ 90°
		4APT: 4 Arm @ 90° & Post Top
		2AM: 2 Arm Mid-Mount @180°
	1AM: 1 Arm Mid-Mount	
	450PB: Pier Base	
Optional House Side Shield	HSS: 120° House Side Shield	
Optional Fuse	FHD: Double Fuse and Holder	
Optional Fixed Dimming Resistor Board	FDRB: Fixed Dimming Resistor Board	

Physical

Fixture	962TC: Glen Ellyn, Solid Roof
	962TCGT: Glen Ellyn, Glow Top

Distribution Type



Certifications



Lens	SV1: Flat Soft Vue Light Diffused Acrylic SV2: Flat Soft Vue Moderate Diffused Acrylic SV4: Flat Soft Vue Maximum Diffused Acrylic CSA: Clear Seeded Acrylic CTA: Clear Textured Acrylic PA: Prismatic Acrylic
Optional Internal Diffusing Lens	SV1D: Light diffused internal dome lens SV2D: Moderate diffused internal dome lens
Finish	BKT: Black Textured WHT: White Textured PGT: Park Green Textured ABZT: Arch Medium Bronze Textured DBT: Dark Bronze Textured VG: Verde Green SI: Swedish Iron OWGT: Old World Gray Textured OI: Old Iron RT: Rust WBR: Weathered Brown CD: Cedar WBK: Weathered Black TT: Two Tone CM: Custom Match

Light Source		
LED	XRLED-09L: 9 LEDs	XRLED-12L: 12 LEDs
CCT - Color Temp (K)	27: 2,700K	30: 3,000K
	35: 3,500K	40: 4,000K
	45: 4,500K	
Distribution Type	T2: Type 2	T3: Type 3
	T4: Type 4	T5: Type 5

Electrical and control	
Driver	MDL07: 120V-277V, 700mA MDH07: 347V-480V, 700mA MDL14: 120V-277V, 1400mA MDH14: 347V-480V, 1400mA

Specifications

Housing	The heavy wall sand cast housing uses a low-copper aluminum 356 alloy for enhanced corrosion resistance and high tensile strength.
Fitter	The aluminum fitter Includes 4 stainless steel Allen-head set screws for attachment to a pole/tenon, and shall slip fit a 3" OD x 3" tall tenon.
Internal Lens	An optional internal diffusing dome lens can be added for visual comfort. Suggested for use with CSA lenses, but can be used in addition to any other external lens. Optional (SV1D) light diffused acrylic dome lens. Optional (SV2D) moderate diffused acrylic dome lens.
Glow Top	Optional glow top roof available. This option adds additional LED's into the upper housing and an additional driver which adds 10w to the power use in the overall system.
Hardware	Includes Stainless steel hardware. Most finishes will include hardware with a Black Oxide conversion coating. Light finishes will get non-color coated hardware (Whites and Silvers)

Lens	Optional SoftVue™ lens provides optimal visual comfort. The lantern includes a variety of 1/8" thick lenses installed internally to the body and held in place with aluminum clips. (CSA) Clear Seeded Acrylic (CTA) Clear Textured Acrylic (SV1) Soft Vue Light Diffused Acrylic (SV2) Soft Vue Moderate Diffused Acrylic (SV4) Soft Vue Maximum Diffused Acrylic (PA) Prismatic Acrylic
UL Listing	UL listed per UL1598 and CSA 22.2 No. 250.0 for the United States and Canada. Suitable for Wet Locations.
Electronic Driver	The LED driver is UL recognized and will be securely mounted inside the fixture, for optimized performance and longevity. It will be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections for fixture installation and maintenance. It will have DC voltage output and be a constant current design. It runs at 50/60HZ and will have overload, overheat, and short circuit protection. It will be supplied with a supplemental line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It will be a high efficiency driver with a THD less than 20% and a high-power factor greater than .9. It will be dimming capable using a 0-10V signal, consult factory for more information.
Finish	Our 6 Stage Polyester Powder coat paint system offers a beautiful high-end finish that holds up to even the most extreme environments. Each part is inspected for quality and consistency before being released for shipment. Our system exceeds AAMA 2604, AAMA 2605, ASTM D523 and ASTM D4214 requirements.
Traditional Finish	Traditional paint finishes are available in Sternberg Lighting's Traditional product line. A range of colors help accent the decorative elements on the product. Finishes are available in textured or smooth. Available finishes include: Black, White, Park Green, Architectural Medium Bronze and Dark Bronze
Sternberg Select Finish	The Sternberg Select antique-inspired palette adds a touch of vintage elegance to modern applications. Old World Gray Textured is a 1 part powder coat with metallic flakes. Verde Green and Swedish Iron is a 2 part finish that includes a powder coat base coat with a hand applied antique top coat. The top coat is unique to each application and changes over time.
Custom Finish	Custom finishes are offered to adapt to any application. Rust, Weathered Brown and Cedar are special 1 part powder coat finishes with a distinctive look. Old Iron and Weathered Black are 2 part finishes that includes a powder coat base coat with a hand applied antique top coat. The top coat is unique to each application and changes over time. Two-Tone and Custom Match options are available to blend sternberg product with the site, consult factory for more information.
Warranty	5-year limited warranty (See Website for Terms and Conditions)
LEDs	The LEDs in this system will be fully shielded in a direct downward position to maximize efficiency. The LEDs are mounted to maximize thermal transfer to the heat sink surface. The LEDs shall be 100% recyclable; not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. Lumen maintenance shall be determined in accordance with IESNA TM-21, based on LED manufacturer LM-80 test data of no less than 6,000 hours and in-situ testing of the luminaire by an NVLAP accredited Energy Efficient Lighting Products lab. The high-performance white LEDs will have a predicted lumen depreciation of approximately 100,000 hours with greater than 70% of initial output at 25°C. The high-brightness, high-output white LEDs shall be 4500K nominal (2700K, 3000K, 3500K or 4000K optional) correlated color temperature (CCT) with a 70 (minimum) color rendering index (CRI). Consult factory for custom CCT or CRI. The luminaire shall have a minimum _____ (see table) delivered initial lumens when operated at steady state with an average ambient temperature of 25°C (77°F). CCT Lumen Derate Values from 4,500K 2,700K (70+ CRI)=.79 3,000K (70+ CRI)=.86 3,500K (70+ CRI)=.93 4,000K (70+ CRI)=.96
Optics	The luminaire shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide Type ____ (2, 3, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.
Backlight Optical Control	An optional INTERNAL 120° House Side Shield helps control backlight.

Fixed Dimming Resistor Board (FDRB)

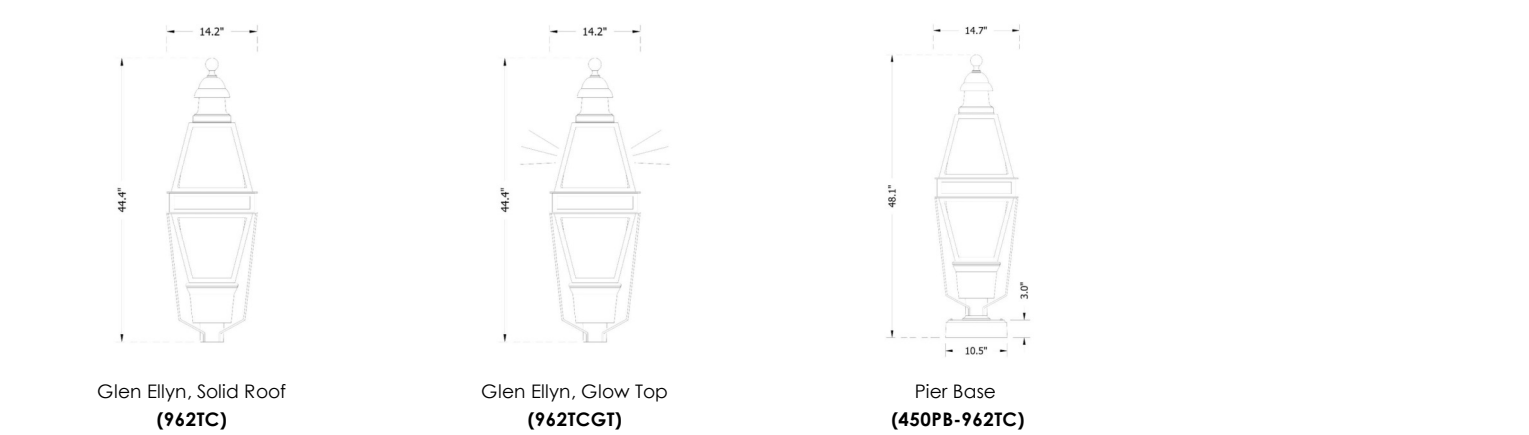
Optional numbered 10-step selector switch allows for fine adjustment of the light levels in the field, repeatable from location to location. Offers dimming from 25% to 100% of the original output. Enclosure is composite material, sealed to protect components for the life of the product.

Lumen Chart(s)

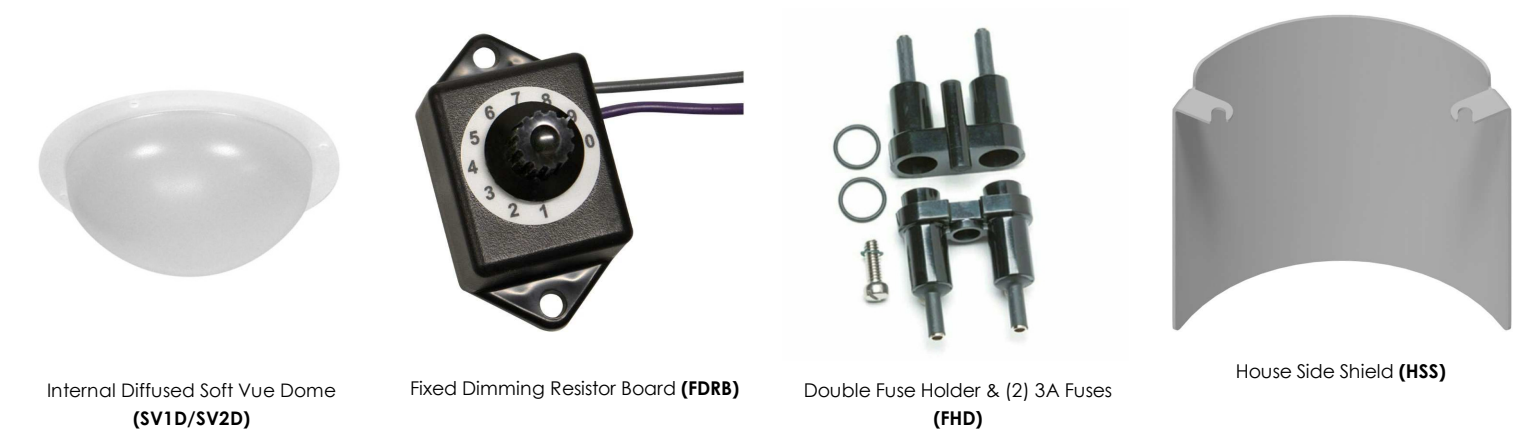
Tested with CSA lens

Model #	T2 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T3 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T4 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T5 DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
12L45T_-MDL14	5135	B2U3G2	85.6	5010	B2U3G2	83.5	4990	B1U3G2	83.2	5210	B3U3G1	86.8	60
12L35T_-MDL14	4770	B2U3G2	79.5	4650	B2U3G2	77.5	4635	B1U3G2	77.3	4840	B3U3G1	80.7	60
12L27T_-MDL14	4035	B2U3G2	67.3	3935	B2U3G2	65.6	3920	B1U3G2	65.3	4095	B3U3G1	68.3	60
09L45T_-MDL14	3625	B2U3G2	75.5	3555	B1U3G2	74.1	3470	B1U3G2	72.3	3745	B3U3G1	78.0	48
09L35T_-MDL14	3365	B2U3G2	70.1	3300	B1U3G2	68.8	3220	B1U3G2	67.1	3480	B3U3G1	72.5	48
09L27T_-MDL14	2850	B2U3G2	59.4	2795	B1U3G2	58.2	2725	B1U3G2	56.8	2945	B3U3G1	61.4	48
09L45T_-MDL07	2035	B1U2G1	37.0	2025	B1U2G1	36.8	1960	B1U2G1	35.6	2115	B2U2G1	38.5	55
09L35T_-MDL07	1890	B1U2G1	34.4	1880	B1U2G1	34.2	1820	B1U2G1	33.1	1965	B2U2G1	35.7	55
09L27T_-MDL07	1600	B1U2G1	29.1	1590	B1U2G1	28.9	1540	B1U2G1	28.0	1660	B2U2G1	30.2	55

Dimensions



Options



How to Order

Mounting Configuration	Fixture	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens	Optional House Side Shield ⁽⁵⁾	Optional Fuse ⁽⁶⁾	Optional Internal Diffusing Lens	Optional Fixed Dimming Resistor Board	Finish
1W Wall Mount	962TC Glen Ellyn, Solid Roof	XRLED-09L 9 LEDs	27 2,700K	T2 Type 2	MDL07 120V-277V, 700mA ⁽⁴⁾	SV1 Flat Soft Vue Light Diffused Acrylic	HSS 120° House Side Shield	FHD Double Fuse and Holder	SV1D Light diffused internal dome lens	FDRB Fixed Dimming Resistor Board	BKT Black Textured ⁽⁷⁾
PT Post Top											
1A 1 Arm Mount											
1APT 1 Arm & Post Top											
2A 2 Arm Mount @ 180°											
2A90 2 Arm Mount @ 90°											
2APT 2 Arm @ 180° & Post Top											
3A 3 Arms @ 120° ⁽¹⁾											
3A90 3 Arms @ 90°											
3APT 3 Arm @ 120° & Post Top ⁽¹⁾											
4A 4 Arms @ 90°											
4APT 4 Arm @ 90° & Post Top											
1AM 1 Arm Mid-Mount											
2AM 2 Arm Mid-Mount @180°											
450PB Pier Base											
		XRLED-12L 12 LEDs	30 3,000K	T3 Type 3	MDH07 347V-480V, 700mA ⁽⁴⁾	SV2 Flat Soft Vue Moderate Diffused Acrylic			SV2D Moderate diffused internal dome lens		WHT White Textured ⁽⁷⁾
			35 3,500K	T4 Type 4	MDL14 120V-277V, 1400mA	SV4 Flat Soft Vue Maximum Diffused Acrylic					PGT Park Green Textured ⁽⁷⁾
			40 4,000K	T5 Type 5	MDH14 347V-480V, 1400mA	CSA Clear Seeded Acrylic					ABZT Arch Medium Bronze Textured ⁽⁷⁾
			45 4,500K			CTA Clear Textured Acrylic					DBT Dark Bronze Textured ⁽⁷⁾
						PA Prismatic Acrylic					VG Verde Green
											SI Swedish Iron
											OWGT Old World Gray Textured
											OI Old Iron ⁽⁸⁾
											RT Rust ⁽⁸⁾
											WBR Weathered Brown ⁽⁸⁾
											CD Cedar ⁽⁸⁾
											WBK Weathered Black ⁽⁸⁾
											TT Two Tone ⁽⁸⁾
											CM Custom Match ⁽⁸⁾

Notes:

1. Only available with a round profile pole.

2. Adds 10 watts to system

3. Not for use with MDH driver

4. 09L system only.

5. Not for use with T5 optic.

6. Ships loose for installation in base.

7. Smooth finishes are available upon request.

8. Custom colors require upcharge.