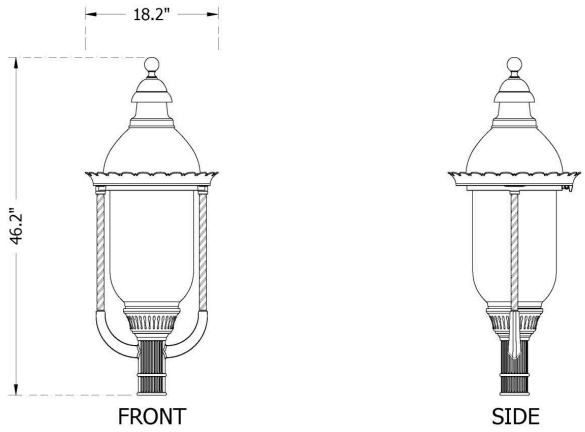
Project Name _____ **Qty** _____

Type _____ **Catalog / Part Number** _____





Certifications

c UL us LISTED

Mounting Configuration


Wall Mount


Post Top


1 Arm Mount


1 Arm & Post Top


2 Arm Mount @ 180°


2 Arm Mount @ 90°


2Arm @180 & Post Top


3 Arms @ 120°


3 Arms @ 90°


3Arm @120 & Post Top


4 Arms @ 90°


4Arm @90 & Post Top


1Arm MidMount


2Arm MidMount @180


Pier Base

Description

The **6590SRLED** Gaslight I is a large scale Victorian luminaire which consists of a decorative cast aluminum fitter and driver housing with clear polycarbonate or acrylic lens. It features decorative ropes supporting a gracefully detailed aluminum hinged roof with contrasting white finish dome as standard. It is appointed with a cast aluminum pedestal ball finial on a tall spun aluminum cupola.

EPA: 1.5 (ft²) | WEIGHT: 41 LBS

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:** 2Arm @180 & Post Top **3A:** 3 Arms @ 120° **3A90:** 3 Arms @ 90° **3APT:** 3Arm @120 & Post Top **4A:** 4 Arms @ 90° **4APT:** 4Arm @90 & Post Top **1AM:** 1Arm MidMount **2AM:** 2Arm MidMount @180 **450PB:** Pier Base
Fixture	**6590SRLED:** Victorian Gaslight
Lens	**A:** Clear Acrylic **FA:** Frosted Acrylic **P:** Polycarbonate
Optional Control	**PEC:** Electronic Button Photocontrol (120V-277V) **PEC4:** Electronic Button Photocontrol (480V)
Optional Fuse	**FHD:** Double Fuse and Holder

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Finish


Black Textured


White Textured


Park Green Textured


Arch Med Bronze Tex


Dark Bronze Textured


Verde Green


Swedish Iron


Old World Gray Tex


Old Iron


Rust


Weathered Brown


Cedar


Weathered Black


Two Tone


Custom Match

CCT - Color Temp (K)


2,700K


3,000K


3,500K


4,000K


4,500K

Distribution Type


Type 2


Type 3


Type 3R


Type 4


Type 5

Optional House Side Shield	**HSS:** 120° House Side Shield
Optional Chimney	**FHC:** Frosted Hurricane Chimney
Optional Brass Rope	**BR:** Decorative Brass Ropes
Optional Dome	**BD:** Decorative Brass Dome **CD:** Decorative Copper Dome
Optional Fixed Dimming Resistor Board	**FDRB:** Fixed Dimming Resistor Board
Finish	**BKT:** Black Textured **WHT:** White Textured **PGT:** Park Green Textured **ABZT:** Arch Med Bronze Tex **DBT:** Dark Bronze Textured **CM:** Custom Match **OI:** Old Iron **RT:** Rust **WBR:** Weathered Brown **CD:** Cedar **WBK:** Weathered Black **TT:** Two Tone **VG:** Verde Green **SI:** Swedish Iron **OWGT:** Old World Gray Tex

Light Source

LED	**4A1R:** 82 LEDs **4ARC:** 56 LEDs **3ARC:** 46 LEDs **1RND:** 26 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 **T3R:** Type 3R **T4:** Type 4 **T5:** Type 5
Driver	**MDL03:** 120V-277V, 350mA **MDH03:** 347V-480V, 350mA

Important

Virtual Patent Marking Notice

This website (https://www.lmpg.com/patents-trademarks) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

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How to Order

Mounting Configuration	Fixture	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens
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** 2Arm @180 & Post Top **3A** 3 Arms @ 120° (1) **3A90** 3 Arms @ 90° **3APT** 3Arm @120 & Post Top (1) **4A** 4 Arms @ 90° **4APT** 4Arm @90 & Post Top **1AM** 1Arm MidMount **2AM** 2Arm MidMount @180 **450PB** Pier Base	**6590SRLED** Victorian Gaslight	**4A1R** 82 LEDs **4ARC** 56 LEDs **3ARC** 46 LEDs **1RND** 26 LEDs	**27** 2,700K **30** 3,000K **35** 3,500K **40** 4,000K **45** 4,500K	**T2** Type 2 **T3** Type 3 **T3R** Type 3R **T4** Type 4 **T5** Type 5	**MDL03** 120V-277V, 350mA **MDH03** 347V-480V, 350mA	**A** Clear Acrylic **FA** Frosted Acrylic **P** Polycarbonate

Notes:

1. Only available with a round profile pole.

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How to Order

Optional Control	**Optional Fuse** [2]	**Optional House Side Shield** [3]	**Optional Chimney**	**Optional Brass Rope**	**Optional Dome**	**Optional Fixed Dimming Resistor Board**	**Finish**
PEC Button Photo Control (120V-277V) **PEC4** Button Photocontrol (480V)	**FHD** Double Fuse and Holder	**HSS** 120° House Side Shield	**FHC** Frosted Hurricane Chimney	**BR** Decorative Brass Ropes	**BD** Decorative Brass Dome **CD** Decorative Copper Dome	**FDRB** Fixed Dimming Resistor Board	**BKT** Black Textured [4] **WHT** White Textured [4] **PGT** Park Green Textured [4] **ABZT** Arch Med Bronze Tex [4] **DBT** Dark Bronze Textured [4] **CM** Custom Match [5] **OI** Old Iron [5] **RT** Rust [5] **WBR** Weathered Brown [5] **CD** Cedar [5] **WBK** Weathered Black [5] **TT** Two Tone [5] **VG** Verde Green **SI** Swedish Iron **OWGT** Old World Gray Tex

Notes:

2. Ships loose for installation in base.
3. Not for use with T5 optic.
4. Smooth finishes are available upon request.
5. Custom colors require upcharge.

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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.
Frosted Chimney	An optional hourglass shaped opal glass Hurricane Chimney sits a top a decorative brass holder. This ornate feature adds a decorative element inside the lens to create a classic look.
Yoke - Brass Ropes	The decorative cast aluminum support "ropes" come painted to match the fixture as a standard, Optional polished brass decorative support "ropes" can be included.
Roof Dome	The roof dome shall be painted white as a standard, also available with antique copper **(CD)** or polished brass **(BD)** that will naturally patina over time.
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	Cylindrical lens offered in clear acrylic or UV stabilized clear polycarbonate material with the lower quarter of the lens frosted to hide the driver carrier. Also offered in a fully frosted acrylic lens.
UL Listing	UL listed per UL1598 and CSA C22.2 No. 250.0 for the United States and Canada. Suitable for Wet Locations operating in an ambient temperature of up to 40°C (105°F)
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 available to blend Sternberg product with the site, consult factory for information.
Warranty	7-year limited warranty. See Website for Terms and Conditions.
Optics	The luminaire shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide Type ___ (2, 3, 3R, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.
Backlight Optical Control	**Internal House Side Shield (HSS):** An optional **INTERNAL** 120° House Side Shield helps control backlight. Spun aluminum panel painted to match fixture.

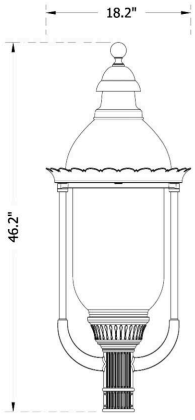
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LEDs	The LEDs in this system will be fully shielded in a direct downward position to maximize efficiency. The LEDs are mounted to maximize thermal transfer to the heat sink surface. The LEDs shall be 100% recyclable; not contain lead, mercury or any 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. The high-brightness, high-output white LEDs shall be 4500K nominal (2700K, 3000K, 3500K or 4000K optional) correlated color temperature (CCT). Photometrics comply with LM79 testing standards. **CCT Lumen Derate Values from 4,500K (70+ CRI)** 2,700K (70+ CRI)=**.78** 3,000K (70+ CRI)=**.83** 3,500K (70+ CRI)=**.89** 4,000K (70+ CRI)=**.95** **Consult factory for custom correlated color temperature (CCT) or color rendering index (CRI).**
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.
Photocontrols	**Button Photocell:** The photocontrol shall be mounted on the fixture and pre-wired to driver. The electronic button type photocontrol is instant on and will turn on at 1.5 footcandles and will turn off at 2-3 footcandles. See pole spec sheet for pole mounted version.

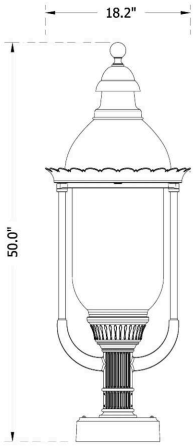
Lumen Chart(s)

Model #	T2 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T3 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T3R DELIVERED LUMENS	BUG	EFFICACY (LPW)	T4 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T5 DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
4A1R-45-T_-MDL03	8365	B3U2G3	92.9	8145	B3U3G3	90.5	8315	B3U2G3	92.4	8545	B3U2G3	94.9	8725	B3U3G3	96.9	90
4A1R-35-T_-MDL03	7455	B3U2G3	82.8	7255	B3U3G3	80.6	7410	B3U2G3	82.3	7615	B3U2G3	84.6	7775	B3U3G3	86.4	90
4A1R-27-T_-MDL03	6540	B3U2G3	72.7	6370	B3U3G3	70.8	6505	B3U2G3	72.3	6685	B3U2G3	74.3	6825	B3U3G3	75.8	90
4ARC-45-T_-MDL03	5660	B2U2G2	89.8	5445	B2U2G2	86.4	5580	B2U2G2	88.6	5675	B2U2G2	90.1	5880	B3U2G2	93.3	63
4ARC-35-T_-MDL03	5045	B2U2G2	80.1	4850	B2U2G2	77.0	4970	B2U2G2	78.9	5055	B2U2G2	80.2	5240	B3U2G2	83.2	63
4ARC-27-T_-MDL03	4425	B2U2G2	70.2	4260	B2U2G2	67.6	4365	B2U2G2	69.3	4440	B2U2G2	70.5	4600	B3U2G2	73.0	63
3ARC-45-T_-MDL03	4355	B2U2G2	90.7	4215	B2U2G2	87.8	4295	B2U2G2	89.5	4355	B1U2G1	90.7	4575	B3U2G2	95.3	48
3ARC-35-T_-MDL03	3880	B2U2G2	80.8	3755	B2U2G2	78.2	3825	B2U2G2	79.7	3880	B1U2G1	80.8	4075	B3U2G2	84.9	48
3ARC-27-T_-MDL03	3405	B2U2G2	70.9	3295	B2U2G2	68.6	3360	B2U2G2	70.0	3405	B1U2G1	70.9	3580	B3U2G2	74.6	48
1RND-45-T_-MDL03	3050	B1U2G1	95.3	2985	B2U2G2	93.3	3045	B1U2G1	95.2	3130	B1U1G1	97.8	3195	B2U2G2	99.8	32
1RND-35-T_-MDL03	2720	B1U2G1	85.0	2660	B2U2G2	83.1	2715	B1U2G1	84.8	2790	B1U1G1	87.2	2845	B2U2G2	88.9	32
1RND-27-T_-MDL03	2385	B1U2G1	74.5	2335	B2U2G2	73.0	2380	B1U2G1	74.4	2450	B1U1G1	76.6	2500	B2U2G2	78.1	32

Dimensions



Standard Unit **(6590SRLED)**



Pier Base **(450PB)**

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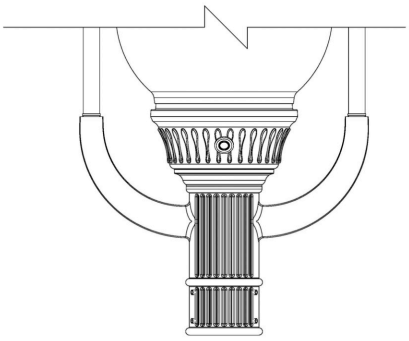
Options



Fixed Dimming Resistor Board **(FDRB)**



Frosted Hurricane Chimney, Opal Glass **(FHC)**



Button Photocell **(PEC/PEC4)**



Brass Dome Roof **(BD)**



Copper Dome Roof **(CD)**



Brass Ropes **(BR)**

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