



6590SRLED VICTORIAN GASLIGHT I

LED

EPA
1.50 (ft²)
WEIGHT
41 LBS

7 YEAR
WARRANTY

LUMEN
RANGE
2,330 to
8,725

LUMEN
MAINTENANCE
L70
MINIMUM
100,000
HOURS

UL
LISTED

CLICK
FOR FAQ'S

JOB NAME _____

FIXTURE TYPE _____

MEMO _____

BUILD A PART NUMBER

ORDERING EXAMPLE: **2A-6590SRLED-4ARC45T5-MDH03-A-PEC-FHD/480PM/3610FP4/BKT**

Mounting Config.	Fixture	LED	CCT	Type	Driver	Lens	Option Photo-control	Option Fuse	Option House Side Shield	Option Chimney	Optional Brass Rope	Optional Dome	Arm <small>See Arm Spec Sheets</small>	Pole <small>See Pole Spec Sheets</small>	Finish

Mounting Configuration

[\(Click here to link to mounting configuration specification page\)](#)

- IW • 2A • 3A90 • 1AM
- PT • 2A90 • 3APT • 2AM
- 1A • 2APT • 4A • 45OPB
- 1APT • 3A • 4APT

W = Wall Mount PT = Post Top A = Arm Mount AM = Arm Mid-Mount PB = Pier Base

Fixture

- 6590SRLED

LED

- 4AIR • 4ARC • 3ARC • 1RND

CCT - Color Temperature (K)

- 45(00) • 35(00) • 27(00)

Type

- T2 • T3 • T3R • T4 • T5

Driver

- MDL03 (120V-277V, 350mA)
- MDH03 (347V-480V, 350mA)

Lens

- A (Acrylic)
- FA (Frosted Acrylic)
- P (Poly)

Options [\(Click here to view accessories sheet\)](#)

- PEC Electronic Button Photocontrol (120V-277V)
- PEC4 Electronic Button Photocontrol (480V)
- FHD¹ Double Fuse and Holder
- HSS 120° House Side Shield
- FHC Frosted Chimney
- BR² Decorative Brass Ropes
- BD Decorative Brass Dome
- CD Decorative Copper Dome

¹ Ships loose for installation in base.

² Decorative Brass Ropes will not be painted if option chosen.

Arm [\(Click here to link to arm specification page\)](#)

See Arms & Wall Brackets specification sheets.

- 478 • 62C • 579 • TASCRA • BA
- 480 • 6236 • TA • 779

Pole [\(Click here to link to pole specification page\)](#)

See Pole specification sheets.

Standard Finishes³

[\(Click here to view paint finish sheet\)](#)

- BKT Black Textured
- WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured

³ Smooth finishes are available upon request.

Custom Finishes⁴

- CM Custom Match
- OI Old Iron
- RT Rust
- WBR Weathered Brown
- CD Cedar
- WBK Weathered Black
- TT Two Tone

⁴ Custom colors require upcharge.

Sternberg Select Finishes

- VG Verde Green
- SI Swedish Iron
- OWGT Old World Gray Textured

Specifications

Fixture

The 6590SRLED Gaslight I series measures 18" wide and 46" tall. The luminaire features decorative ropes supporting gracefully detailed aluminum hinged roof. The decorative ropes come painted to match the fixture as a standard, but is also available with optional (BR) Brass Ropes. The clear lens shall be made of vandal resistant clear polycarbonate or dent resistant (DR) clear acrylic. The lower section of the lens shall be frosted. The roof shall be painted white or optional polished brass (BD) or antique copper (CD). The luminaire shall be U.L. listed in the U.S. and Canada.

Fitter

The fitter or base shall be heavy wall cast aluminum, alloy for high tensile strength. The

fitter shall have an inside diameter opening to accept a 3" OD x 3" tall pole or tenon.

LEDs

The luminaire shall use high output, high brightness LEDs. They shall be mounted in arrays, on printed circuit boards designed to maximize heat transfer to the heat sink surface. The arrays shall be roof mounted to minimize up-light. The LEDs and printed circuit boards shall be 100% recyclable; they shall also be protected from moisture and corrosion by a conformal coating of 1 to 3 mils. They shall not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. The LED life rating data shall be determined in accordance with IESNA LM-80. The High Performance white LEDs will have a life expectancy of approximately 100,000 hours with not less than 70% of original brightness (lumen maintenance), rated at 25°C. The High Brightness, High Output LED's shall be 4500K (3500K or 2700K option) color temperature with a minimum CRI of 70. Consult factory for custom color CCT. The luminaire shall have a minimum _____ (see table) delivered initial lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F).

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.

Electronic Driver

The LED driver shall be U.L. Recognized. It shall be securely mounted inside the fixture, for optimized performance and longevity. It shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. It shall have overload, overheat and short circuit protection, and have a DC voltage output, constant current design, 50/60HZ.

See next page

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LED

It shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It shall be a high efficiency driver with a THD less than 20% and a high power factor greater than .9. It shall be dimming capable using a 0-10v signal, consult factory for more information.

Photocontrols

Button Style: The photocontrol shall be mounted on the fixture and pre-wired to driver. The electronic button type photocontrol is instant on with a 5-10 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. Photocontrol is 120-277 volt. See pole spec sheet for pole mounted version.

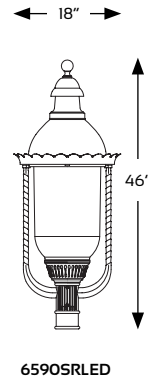
Warranty

Seven-year limited warranty. See product and finish warranty guide for details.

Finish

Refer to website for details.

Fixtures



Options



FHC
Frosted Hurricane
Chimney

BR
Available with
Optional
Brass Ropes



Standard



Optional CD
Copper Dome



Optional BD
Brass Dome

Performance

MODEL #	T2 DELIVERED LUMENS	EFFICACY (LPW)	T3 DELIVERED LUMENS	EFFICACY (LPW)	T3R DELIVERED LUMENS	EFFICACY (LPW)	T4 DELIVERED LUMENS	EFFICACY (LPW)	T5 DELIVERED LUMENS	EFFICACY (LPW)	WATTS
4A1R27-MD_03	6525	72.5	6350	70.6	6485	72.1	6665	74.1	6805	75.6	90
4A1R35-MD_03	7445	82.7	7250	80.6	7400	82.2	7605	84.5	7765	86.3	90
4A1R45-MD_03	8365	92.9	8145	90.5	8315	92.4	8545	94.9	8725	96.9	90
4ARC27-MD_03	4415	70.1	4245	67.4	4355	69.1	4425	70.2	4585	72.8	63
4ARC35-MD_03	5035	79.9	4845	76.9	4965	78.8	5050	80.2	5230	83.0	63
4ARC45-MD_03	5660	89.8	5445	86.4	5580	88.6	5675	90.1	5880	93.3	63
3ARC27-MD_03	3395	70.7	3285	68.4	3350	69.8	3400	70.8	3570	74.4	48
3ARC35-MD_03	3875	80.7	3750	78.1	3825	79.7	3875	80.7	4070	94.8	48
3ARC45-MD_03	4355	90.7	4215	87.8	4295	89.5	4355	90.7	4575	95.3	48
1RND27-MD_03	2380	74.4	2330	72.8	2375	74.2	2440	76.3	2490	77.8	32
1RND35-MD_03	2715	84.8	2655	83.0	2710	84.7	2785	87.0	2840	88.8	32
1RND45-MD_03	3050	95.3	2985	93.3	3045	95.2	3130	97.8	3195	99.8	32