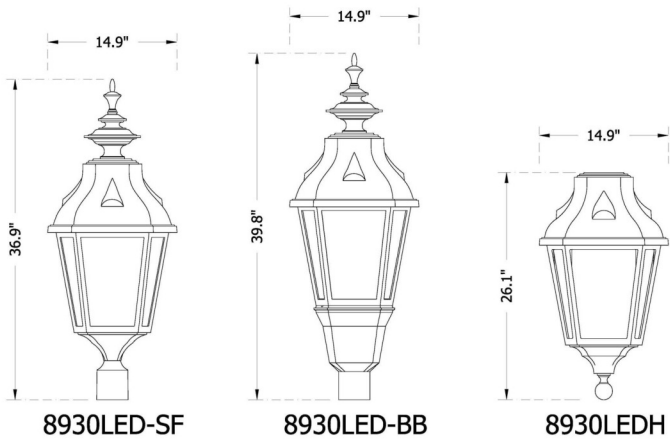


Project Name

Qty

Type

Catalog / Part Number



Distribution Type

Type 2

Type 3

Type 4

Type 5

CCT - Color Temp (K)

2,700K

3,000K

3,500K

4,000K

5,000K

7 Year Warranty

7

Certifications

UL

US

LISTED

Description

The 8930LED Classic series is a historical eight sided fixture. It includes an ornate decorative cast aluminum roof, and a unique cast cage with variable sized lenses. The roof is appointed with a decorative cast finial.

EPA: 1.72 (ft²) | WEIGHT: 24 LBS

Features

Mounting Configuration

1W: Wall Mount

1A: 1 Arm Mount

2A: 2 Arm Mount @ 180°

2APT: 2 Arm @ 180° & Post Top

3APT: 3 Arm @ 120° & Post Top

1AM: 1 Arm Mid-Mount

450PB: Pier Base

CH28: Chain Hung

PT: Post Top

1APT: 1 Arm & Post Top

2A90: 2 Arm Mount @ 90°

3A: 3 Arms @ 120°

3A90: 3 Arms @ 90°

4A: 4 Arms @ 90°

4APT: 4 Arm @ 90° & Post Top

2AM: 2 Arm Mid-Mount @180°

SH28: Stem Hung

CAT: Catenary

Optional Control Receptacle

R7: 7-Pin control receptacle only

Optional Control

PE: Twist-Lock Photocontrol (120V-277V)

PE4: Twist-Lock Photocontrol (347V-480V)

SC: Shorting Cap

PEC: Electronic Button Photocontrol (120V-277V)

PEC4: Electronic Button Photocontrol (480V)

Optional Fuse

FHD: Double Fuse and Holder

Optional Hangstraight

HSHB: Standard Horizontal Hangstraight, Ball Finial

HSHS: Standard Horizontal Hangstraight, Spike Finial

HSHN: Standard Horizontal Hangstraight, No Finial

EZ: Vertical Hangstraight, Large, "EZ" Mount

Optional House Side Shield

HSS: 120° House Side Shield

Certifications



Optional Fixed Dimming Resistor Board	FDRB: Fixed Dimming Resistor Board
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Physical

Fixture	8930LED: Classic, Post Top 8930LEDH: Classic, Hanging
Fitter	SF: Standard Fitter, Remote Driver BB: Ballast Box Fitter, Integral Driver
Lens	CSA: Clear Seeded Acrylic CTA: Clear Textured Acrylic SV1: Flat Soft Vue Light Diffused Acrylic SV2: Flat Soft Vue Moderate Diffused Acrylic SV4: Flat Soft Vue Maximum Diffused Acrylic PA: Prismatic Acrylic
Optional Chimney	FHC: Frosted Hurricane Chimney
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: Architectural 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	1L: 1 LED	
CCT - Color Temp (K)	27: 2,700K	30: 3,000K
	35: 3,500K	40: 4,000K
	50: 5,000K	
Distribution Type	T2: Type 2	T3: Type 3
	T4: Type 4	T5: Type 5

Electrical and control

Driver	MDL03: 120V-277V, 300mA MDL05: 120V-277V, 500mA MDL07: 120V-277V, 700mA MDL11: 120V-277V, 1100mA	MDH03: 347V-480V, 300mA MDH05: 347V-480V, 500mA MDH07: 347V-480V, 700mA MDH11: 347V-480V, 1100mA
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Specifications

Fitter	The fitter will be cast aluminum and shall slip fit a 3" OD x 3" tall tenon. It includes 4 stainless steel Allen-head set screws for attachment to a pole/tenon. The Standard Fitter (SF) naturally tapers from the fixture to the pole (REQUIRES REMOTE DRIVER) The Ballast Box Fitter (BB) extends the lower housing with a matching profile (INTEGRAL DRIVER TO LUMINAIRE)
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Hang-Straight	A hang-straight transition is required for most hanging mounting configurations. The Standard (HSX) is a cast aluminum ball and swivel horizontal hang-straight. Available with a spike (S), a ball (B), or no finial (N). The hang-straight slips a 4" long by 2-3/8" OD horizontal tenon. The (EZ) is a cast stainless steel ball and swivel vertical hang-straight. The special 2-part design allows for easy installation. It is factory installed under an arm and on the fixture.
Catenary Mount	The Catenary mount option includes a cast aluminum span wire clamp, which accommodates cables 1/4"-5/8" in diameter. Below the clamp is a decorative cast aluminum wire box and cover which transitions to the EZ vertical Hangstraight for fixture attachment. Aircraft Cable by others.
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.
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
Serviceability	Easy access to service the lens in the field.
UL Listing	UL listed per UL1598 and CSA 22.2 No. 250.0 for the United States and Canada. Suitable for Wet Locations.
Electronic Drivers	The LED driver is UL recognized and will be securely mounted inside the fixture OR remotely mounted in the field, arm, pole or base depending on the selected options. 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	7-year limited warranty. See Website for Terms and Conditions.

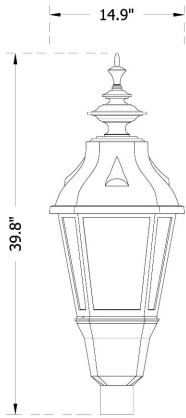
LEDs	The LEDs in this system will be fully shielded in a direct downward position to maximize efficiency. The luminaire shall use high output, high brightness LEDs, consisting of a two piece assembly complete with Chip on Board (COB) LED component and COB holder frame. The LEDs shall be 100% recyclable; 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 LED's 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 LEDs shall be 4000K (2700K, 3000K, 3500K or 5000K option) correlated color temperature (CCT) with a 70 (minimum) color rendering index (CRI). 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). CCT Lumen Derate Values from 4,000K 2,700K (80+ CRI)=.88 3,000K (70+ CRI)=.97 3,500K (80+ CRI)=.93 5,000K (70+ CRI)=1.01
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	Internal House Side Shield (HSS): An optional INTERNAL 120° House Side Shield helps control backlight. Spun aluminum panel painted to match fixture.
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.
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 "CAT" or "BB" filter 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. See pole spec sheet for pole mounted version. Twist-Lock Style (Hangstraight Mount): The photocontrol shall be mounted externally on the hangstraight and pre-wired to driver. The twist lock type photocontrol is instant on with a 3-6 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. If an R7 is specified alongside a BALL or SPIKE style finial on hang-straight, a decorative cap (with window) is included to cover a STANDARD photocell. Use the NO FINIAL hangstraight option if the R7 is for use with a WIRELESS CONTROLLER .

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
1L40T_-MDL11	5445	B2U2G2	87.8	5405	B2U2G2	87.2	5535	B1U2G1	89.3	5940	B3U2G1	95.8	62
1L30T_-MDL11	5305	B2U2G2	85.6	5265	B2U2G2	84.9	5395	B1U2G1	87.0	5790	B3U2G1	93.4	62
1L27T_-MDL11	4820	B2U2G2	77.7	4785	B2U2G2	77.2	4900	B1U2G1	79.0	5260	B3U2G1	84.8	62
1L40T_-MDL07	3615	B1U2G1	90.4	3600	B1U2G1	90.0	3685	B1U2G1	92.1	3940	B2U2G1	98.5	40
1L30T_-MDL07	3525	B1U2G1	88.1	3510	B1U2G1	87.8	3590	B1U2G1	89.8	3840	B2U2G1	96.0	40
1L27T_-MDL07	3200	B1U2G1	80.0	3185	B1U2G1	79.6	3265	B1U2G1	81.6	3490	B2U2G1	87.3	40
1L40T_-MDL05	2650	B1U2G1	91.4	2625	B1U2G1	90.5	2695	B1U2G1	92.9	2860	B2U2G1	98.6	29
1L30T_-MDL05	2580	B1U2G1	89.0	2560	B1U2G1	88.3	2625	B1U2G1	90.5	2785	B2U2G1	96.0	29
1L27T_-MDL05	2345	B1U2G1	80.9	2325	B1U2G1	80.2	2385	B1U2G1	82.2	2530	B2U2G1	87.2	29
1L40T_-MDL03	1605	B1U1G1	84.5	1595	B1U1G1	83.9	1635	B1U1G1	86.1	1745	B1U2G1	91.8	19
1L30T_-MDL03	1565	B1U1G1	82.4	1555	B1U1G1	81.8	1595	B1U1G1	83.9	1700	B1U2G1	89.5	19
1L27T_-MDL03	1420	B1U1G1	74.7	1410	B1U1G1	74.2	1450	B1U1G1	76.3	1545	B1U2G1	81.3	19

Dimensions



Post Top, Standard Fitter (**8930LED-SF**)



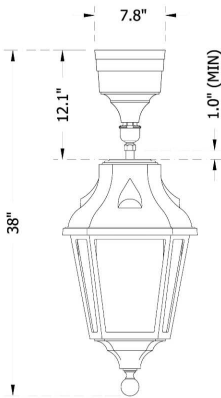
Post Top, Ballast Box Fitter (**8930LED-BB**)



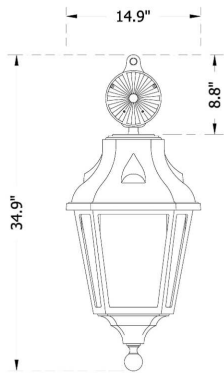
Hanging (**8930LEDH**)



Pier Base (**450PB**)



Stem Hung/Chain Hung (**SH28/CH28**)



Catenary Mount (**CAT**)

Hangstraight

Horizontal Hang-straight slip fit 4" long by 2-3/8" OD on horizontal tenon



Standard Horizontal Hangstraight, Spike Finial (**HSHS**)



Standard Horizontal Hangstraight, Ball Finial (**HSHB**)



Standard Horizontal Hangstraight, No Finial (**HSHN**)



"EZ" Vertical hangstraight (**EZ**)

Options



Internal Diffused Soft Vue Dome (**SV1D/SV2D**)



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



Double Fuse Holder & (2) 3A Fuses (**FHD**)



Fixed Dimming Resistor Board (**FDRB**)



7-Pin NEMA Twist-Lock Receptacle (**R7**)



NEMA Receptacle Shorting Cap (**SC**)



Button Photocell (**PEC/PEC4**)

How to Order

Mounting Configuration	Overall Drop Length (In Inches) ⁽⁵⁾ ⁽⁶⁾	Fixture	Fitter ⁽¹⁾	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens
1W Wall Mount PT Post Top ⁽¹⁾ 1A 1 Arm Mount 1APT 1 Arm & Post Top ⁽¹⁾ 2A 2 Arm Mount @ 180° 2A90 2 Arm Mount @ 90° 2APT 2 Arm @ 180° & Post Top ⁽¹⁾ 3A 3 Arms @ 120° ⁽²⁾ 3A90 3 Arms @ 90° 3APT 3 Arm @ 120° & Post Top ⁽¹⁾ ⁽²⁾ 4A 4 Arms @ 90° 4APT 4 Arm @ 90° & Post Top ⁽¹⁾ 1AM 1 Arm Mid-Mount 2AM 2 Arm Mid-Mount @180° 450PB Pier Base ⁽¹⁾ SH28 Stem Hung ⁽³⁾ CH28 Chain Hung ⁽³⁾ CAT Catenary ⁽³⁾ ⁽⁴⁾		8930LED Classic, Post Top 8930LEDH Classic, Hanging SF Standard Fitter, Remote Driver BB Ballast Box Fitter, Integral Driver	1L 1 LED	27 2,700K 30 3,000K 35 3,500K 40 4,000K 50 5,000K	T2 Type 2 T3 Type 3 T4 Type 4 T5 Type 5	MDL03 120V-277V, 300mA MDH03 347V-480V, 300mA MDL05 120V-277V, 500mA MDH05 347V-480V, 500mA MDL07 120V-277V, 700mA MDH07 347V-480V, 700mA MDL11 120V-277V, 1100mA MDH11 347V-480V, 1100mA	CSA Clear Seeded Acrylic CTA Clear Textured Acrylic SV1 Flat Soft Vue Light Diffused Acrylic SV2 Flat Soft Vue Moderate Diffused Acrylic SV4 Flat Soft Vue Maximum Diffused Acrylic PA Prismatic Acrylic	

- Notes:
1. For use with Post Top fixture only.

2. Only available with a round profile pole.

3. For use with hanging (H) fixture only.

4. Requires EZ hang-straight.

5. Required field for Stem or Chain Mounting Configuration.

6. Minimum 38" Overall Drop Length.

How to Order

Optional Control Receptacle ⁽⁷⁾ ⁽⁸⁾ ⁽⁹⁾	Optional Control	Optional Fuse ⁽¹²⁾	Optional Chimney ⁽¹³⁾	Optional Hangstraight ⁽³⁾	Optional House Side Shield ⁽¹⁵⁾	Optional Internal Diffusing Lens ⁽¹⁶⁾	Optional Fixed Dimming Resistor Board ⁽¹⁴⁾	Finish
R7 7-Pin control receptacle only	PE Twist-Lock Photocontrol (120V-277V) ⁽¹⁰⁾ PE4 Twist-Lock Photocontrol (347V-480V) ⁽¹⁰⁾ SC Shorting Cap ⁽¹⁰⁾ PEC Electronic Button Photocontrol (120V-277V) ⁽¹¹⁾ PEC4 Electronic Button Photocontrol (480V) ⁽¹¹⁾	FHD Double Fuse and Holder	FHC Frosted Hurricane Chimney	HSHB Standard Horizontal Hangstraight, Ball Finial HSHS Standard Horizontal Hangstraight, Spike Finial HSHN Standard Horizontal Hangstraight, No Finial EZ Vertical Hangstraight, Large, "EZ" Mount ⁽¹⁴⁾	HSS 120° House Side Shield	SV1D Light diffused internal dome lens SV2D Moderate diffused internal dome lens	FDRB Fixed Dimming Resistor Board	BKT Black Textured ⁽¹⁷⁾ WHT White Textured ⁽¹⁷⁾ PGT Park Green Textured ⁽¹⁷⁾ ABZT Architectural Medium Bronze Textured ⁽¹⁷⁾ DBT Dark Bronze Textured ⁽¹⁷⁾ VG Verde Green SI Swedish Iron OWGT Old World Gray Textured OI Old Iron ⁽¹⁸⁾ RT Rust ⁽¹⁸⁾ WBR Weathered Brown ⁽¹⁸⁾ CD Cedar ⁽¹⁸⁾ WBK Weathered Black ⁽¹⁸⁾ TT Two Tone ⁽¹⁸⁾ CM Custom Match ⁽¹⁸⁾

Notes:

3. For use with hanging (H) fixture only.

7. Not for use with FDRB.

8. Not for use with STEM, CHAIN, CAT, or EZ mounting style.

9. Only available with HORIZONTAL hangstraight.

10. Requires control receptacle.

11. Requires BB filter or CAT mounting configuration

12. Ships loose for installation in base.
13. Not compatible with SV1D or SV2D options.

14. Not for use with R7.

15. Not for use with T5 optic.

16. Not for use with FHC

17. Smooth finishes are available upon request.

18. Custom colors require upcharge.