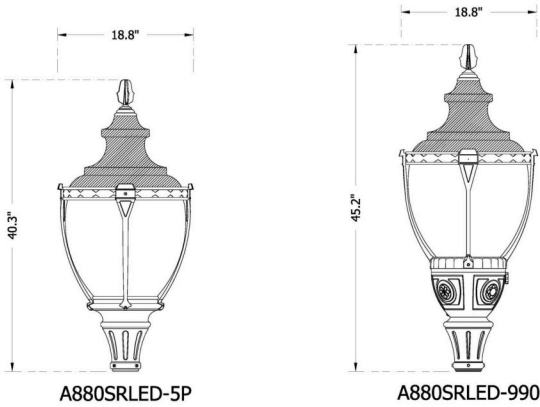


Project Name

Qty

Type

Catalog / Part Number



Certifications



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 A880SRLED Town Square caged acorn shall be supplied with a cast aluminum finial and a solid, cast aluminum roof which includes optimized heat sinks to provide maximum life and performance for the LED light sources. The caged acorn shall be sealed to the cast aluminum roof to provide a moisture-free and bug-free optics chamber for the LED light sources. The luminaire shall have a distinctively styled, decorative cast aluminum cage.

EPA: 1.42 (ft²) | WEIGHT: 44 LBS

Features

Mounting Configuration

- 1W: Wall Mount
1A: 1 Arm Mount
2A: 2 Arm Mount @ 180°
2APT: 2Arm @180 & Post Top
3A90: 3 Arms @ 90°
4A: 4 Arms @ 90°
1AM: 1 Arm MidMount
450PB: Pier Base
- PT: Post Top
1APT: 1 Arm & Post Top
2A90: 2 Arm Mount @ 90°
3A: 3 Arms @ 120°
3APT: 3Arm @120 & Post Top
4APT: 4Arm @90 & Post Top
2AM: 2Arm MidMount @180

Fixture

A880SRLED: Town Square

Filter

- 5P: Slip fit 3" OD x 3" tall tenon/pole
990: Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole
991: Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole
992: Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole
993: Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole
994: Utility-Fitter, Slip fit 4" OD x 3" tall tenon/pole
995: Utility-Fitter, Slip fit 4" OD x 3" tall tenon/pole
BD4: Slip fit 4" OD x 5" tall tenon/pole
BD5: Slip fit 5" OD x 6" tall tenon/pole
BD7: Slip fit 7" OD x 1" tall tenon/pole
OL3: Oak-Leaf, Slip fit 3" OD x 3" tall tenon/pole
OL4: Oak-Leaf, Slip fit 4" OD x 3" tall tenon/pole
C2097: Low-Profile, Slip fit 7" OD x 1" tall tenon/pole

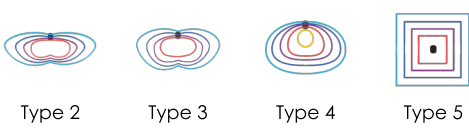
Finish



CCT - Color Temp (K)



Distribution Type



Optional Twist Lock Acorn	T: Twist-Lock Option for Acorn	
Lens	A: Clear Textured Acrylic Acorn P: Clear Textured Poly Acorn	
Optional Control Receptacle	R7: 7-Pin control receptacle only SRR7: Roof Mounted 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 Receptacle	GFI: 120V, 15A Duplex GFI for Utility Fitter	
Optional Terminal Block	TB: Terminal Block	
Optional House Side Shield	BLOC: Back Light Optical Control	
Optional Fixed Dimming Resistor Board	FDRB: Fixed Dimming Resistor Board	
Finish	BKT: Black Textured PGT: Park Green Textured DBT: Dark Bronze Textured SI: Swedish Iron OI: Old Iron WBR: Weathered Brown WBK: Weathered Black CM: Custom Match	WHT: White Textured ABZT: Arch Med Bronze Tex VG: Verde Green OWGT: Old World Gray Tex RT: Rust CD: Cedar TT: Two Tone
Light Source	32L: 32 LEDs 24L: 24 LEDs 16L: 16 LEDs 12L: 12 LEDs	
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	
Driver	MDL018: 120V-277V, 180mA MDL016: 120V-277V, 160mA MDL014: 120V-277V, 140mA MDL008: 120V-277V, 80mA	MDH018: 347V-480V, 180mA MDH016: 347V-480V, 160mA MDH014: 347V-480V, 140mA MDH008: 347V-480V, 80mA

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.

How to Order

Mounting Configuration	Fixture	Fitter	Optional Twist Lock Acorn	LED	CCT - Color Temp (K)	Distribution Type	Driver
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	A880SRLED Town Square	5P 3" OD x 3" tall tenon 990 Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole 991 Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole 992 Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole 993 Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole 994 Utility-Fitter, Slip fit 4" OD x 3" tall tenon/pole 995 Utility-Fitter, Slip fit 4" OD x 3" tall tenon/pole BD4 Slip fit 4" OD x 5" tall tenon/pole BD5 Slip fit 5" OD x 6" tall tenon/pole BD7 Slip fit 7" OD x 1" tall tenon/pole OL3 Oak-Leaf, Slip fit 3" OD x 3" tall tenon/pole OL4 Oak-Leaf, Slip fit 4" OD x 3" tall tenon/pole C2097 Low-Profile, Slip fit 7" OD x 1" tall tenon/pole ⁽¹⁾ ⁽²⁾	T Twist-Lock Option for Acorn	32L 32 LEDs 24L 24 LEDs 16L 16 LEDs 12L 12 LEDs	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	MDL018 120V-277V, 180mA ⁽³⁾ MDH018 347V-480V, 180mA ⁽³⁾ MDL016 120V-277V, 160mA MDH016 347V-480V, 160mA MDL014 120V-277V, 140mA ⁽⁴⁾ MDH014 347V-480V, 140mA ⁽⁴⁾ MDL008 120V-277V, 80mA ⁽⁵⁾ MDH008 347V-480V, 80mA ⁽⁵⁾

Notes:

1. Consult factory for use on concrete poles.

2. Not for use with button photocell

3. 24L system only.

4. 12L, 16L or 24L system only.

5. 12L system only.

How to Order

Lens	Optional Control Receptacle ⁽⁶⁾ ⁽⁸⁾	Optional Control	Optional Fuse ⁽¹²⁾	Optional Receptacle ⁽⁷⁾ ⁽¹³⁾	Optional Terminal Block ⁽⁷⁾	Optional House Side Shield ⁽¹⁴⁾	Optional Fixed Dimming Resistor Board ⁽¹⁰⁾	Finish
A Clear Textured Acrylic Acorn P Clear Textured Poly Acorn	R7 7-Pin control receptacle only ⁽⁷⁾ SRR7 Roof Mounted 7-Pin Control Receptacle Only	PE Twist-Lock Photocontrol (120V-277V) ⁽⁹⁾ PE4 Twist-Lock Photocontrol (347V-480V) ⁽⁹⁾ SC Shorting Cap ⁽⁹⁾ PEC Electronic Button Photocontrol (120V-277V) ⁽¹⁰⁾ ⁽¹¹⁾ PEC4 Electronic Button Photocontrol (480V) ⁽¹⁰⁾ ⁽¹¹⁾	FHD Double Fuse and Holder	GFI 120V, 15A Duplex GFI for Utility Fitter	TB Terminal Block	BLOC Back Light Optical Control	FDRB Fixed Dimming Resistor Board	BKT Black Textured ⁽¹⁵⁾ WHT White Textured ⁽¹⁵⁾ PGT Park Green Textured ⁽¹⁵⁾ ABZT Arch Med Bronze Tex ⁽¹⁵⁾ DBT Dark Bronze Textured ⁽¹⁵⁾ VG Verde Green SI Swedish Iron OWGT Old World Gray Tex OI Old Iron ⁽¹⁶⁾ RT Rust ⁽¹⁶⁾ WBR Weathered Brown ⁽¹⁶⁾ CD Cedar ⁽¹⁶⁾ WBK Weathered Black ⁽¹⁶⁾ TT Two Tone ⁽¹⁶⁾ CM Custom Match ⁽¹⁶⁾

Notes:

6. Not for use with FDRB.

7. For 900 series utility fitter only.

8. For use with standard 3-Pin photocells only, not for use with a wireless network controller.

9. Requires control receptacle.

10. Not for use with R7.

11. Not for use with C2097 fitter.
12. Ships loose for installation in base.

13. For use with MDLxx driver only.

14. Not for use with T5 optic.

15. Smooth finishes are available upon request.

16. Custom colors require upcharge.

Specifications

Available with Intellistreets® Technology	Intellistreets® is an integrated set of solutions offering the capability to see, hear, and record what's happening on your streets, through both cameras and audio sensors.
Fitter	The sand cast fitter is a heavy wall, low-copper aluminum 356 alloy for enhanced corrosion resistance and high tensile strength. It will have an 8-1/2" inside diameter opening to attach to the 8" neck of the lens. It includes 4 stainless steel Allen-head set screws for attachment. The fitter will include a one-piece ring bug gasket to resist insect penetration. Utility Fitter: The die-cast fitter shall be heavy wall, low-copper 360 aluminum alloy for enhanced corrosion resistance and high tensile strength. It shall have a hinged, tool-less entry door that provides open access to all components. The 900 series shall have an optional terminal block for ease of wiring, an optional Twist-Lock Photocontrol receptacle, an optional single GFCI outlet for auxiliary power needs. The top mounted driver mounting plate will provide tool-less removal from the housing using 2 finger latches. The fitter shall have a one-piece ring gasket to resist insect penetration into globe assembly. When supplied with GFCI receptacle a hole will be provided for cord and plug installation with the access door closed. When cord and plug is not in use a filler plug will be provided and shall be tethered to the fitter for easy recovery and installation. Twist Lock Option: The TL (Twist-Lock) fitter will have a die-cast aluminum twist-lock mechanism. The tool-less, quarter turn action allows for easy acorn/globe removal and replacement. The twist-lock mechanism is mechanically attached to the globe and is removable if the globe is broken or needs replacing.
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	Clear textured acorn offered in impact resistant DR acrylic or UV stabilized polycarbonate material. An injection molding process adds a textured surface for glare mitigation.
Serviceability	Tool-less access to the driver compartment after the acorn is removed allows for trouble free servicing of the LED Driver and Surge Suppressor. Easy access to service the lens in the field.
UL Listing	UL listed per UL1598 and CSA C22.2 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.
IP Rating	IP65 rated luminaire for enhanced protection against dust and water intrusion.
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 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 4000K nominal (2700K, 3000K, 3500K or 5000K 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 4,000K 2,700K (70+ CRI)=.92 3,000K (70+ CRI)=.95 3,500K (70+ CRI)=1.03 5,000K (70+ CRI)=1.00
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	BLOC Optic (BLOC): An optional "Back Light Optical Control" shield can be provided at the factory. This is an internal optic level "House Side Shield" offering significantly reduced backlight and glare while maintaining the original design aesthetics of the luminaire.
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. Twist-Lock Style (Utility Fitter): The photocontrol shall be mounted in the utility fitter and prewired to driver. Utility fitter includes acrylic window to read ambient light levels. 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 turnoff at 2-3 footcandles. Photocontrol is 120-277 volt and warranted for 6 years. For use with standard photocells only, not for use with a wireless network controller. Twist-Lock Style (Roof Mount): The photocontrol shall be mounted on the roof and prewired 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 turnoff at 2-3 footcandles. Photocontrol is 120-277 volt.
Terminal Block	Requires Utility Fitter Optional 4-wire dual row terminal block. Includes #8-32 pan head screws. For use wire sizes 14-6 AWG. Component is UL recognized for 65A.

Lumen Chart(s)

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
32L40T_-MDL016	14160	B3U4G3	105.7	14390	B3U4G3	107.4	14595	B3U3G3	108.9	14940	B4U3G3	111.5	134
32L30T_-MDL016	13500	B3U4G3	100.7	13720	B3U4G3	102.4	13915	B3U3G3	103.8	14245	B4U3G3	106.3	134
32L27T_-MDL016	12205	B3U4G3	91.1	12405	B3U4G3	92.6	12580	B3U3G3	93.9	12880	B4U3G3	96.1	134
24L40T_-MDL018	11845	B3U4G3	101.2	12020	B3U3G3	102.7	12270	B3U3G3	104.9	12455	B3U3G3	106.5	117
24L30T_-MDL018	11295	B3U4G3	96.5	11460	B3U3G3	97.9	11700	B3U3G3	100.0	11875	B3U3G3	101.5	117
24L27T_-MDL018	10210	B3U4G3	87.3	10360	B3U3G3	88.5	10580	B3U3G3	90.4	10735	B3U3G3	91.8	117
24L40T_-MDL014	9565	B2U3G3	108.7	9675	B3U3G3	109.9	9920	B2U3G3	112.7	10065	B3U3G2	114.4	88
24L30T_-MDL014	9120	B2U3G3	103.6	9225	B3U3G3	104.8	9460	B2U3G3	107.5	9595	B3U3G2	109.0	88
24L27T_-MDL014	8245	B2U3G3	93.7	8340	B3U3G3	94.8	8550	B2U3G3	97.2	8675	B3U3G2	98.6	88
16L40T_-MDL014	6525	B2U3G3	110.6	6540	B2U3G2	110.8	6660	B2U3G2	112.9	6730	B3U3G2	114.1	59
16L30T_-MDL014	6220	B2U3G3	105.4	6235	B2U3G2	105.7	6350	B2U3G2	107.6	6415	B3U3G2	108.7	59
16L27T_-MDL014	5625	B2U3G3	95.3	5640	B2U3G2	95.6	5740	B2U3G2	97.3	5800	B3U3G2	98.3	59
12L40T_-MDL014	4945	B2U3G3	107.5	4995	B2U3G2	108.6	5085	B1U3G2	110.5	5200	B2U3G2	113.0	46
12L30T_-MDL014	4715	B2U3G3	102.5	4760	B2U3G2	103.5	4850	B1U3G2	105.4	4960	B2U3G2	107.8	46
12L27T_-MDL014	4265	B2U3G3	92.7	4305	B2U3G2	93.6	4385	B1U3G2	95.3	4485	B2U3G2	97.5	46
12L40T_-MDL008	3000	B1U3G1	111.1	3045	B1U3G1	112.8	3085	B1U3G1	114.3	3160	B1U3G1	117.0	27
12L30T_-MDL008	2860	B1U3G1	105.9	2905	B1U3G1	107.6	2940	B1U3G1	108.9	3015	B1U3G1	111.7	27
12L27T_-MDL008	2585	B1U3G1	95.7	2625	B1U3G1	97.2	2660	B1U3G1	98.5	2725	B1U3G1	100.9	27

Options



Solid Roof with NEMA Receptacle
(SRR7)



Button Photocell (PEC)



Fixed Dimming Resistor Board
(FDRB)



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

Fitters



5P Fitter

10-1/8" W x 10-3/8" H
Fits 3" OD x 3" tall tenon/pole



990 (or 994) Utility Fitter

10-1/2" W x 15-3/4" H
Fits 3" (or 4") OD x 3" tall tenon/pole



991 Utility Fitter

10-1/2" W x 13-1/8" H
Fits 3" OD x 3" tall tenon/pole



992 Utility Fitter

10-1/2" W x 13-1/8" H
Fits 3" OD x 3" tall tenon/pole



993 (or 995) Utility Fitter

10-1/2" W x 15-3/4" H
Fits 3" (or 4") OD x 3" tall tenon/pole



BD4 Fitter

10-1/8" W x 10-1/8" H
Fits 4" OD x 5" tall tenon/pole



BD5 Fitter

10-1/8" W x 10-1/4" H
Fits 5" OD x 6" tall tenon/pole



BD7 Fitter

10-1/8" W x 11-3/4" H
Fits 7" OD x 1" tall tenon/pole



OL3 (or OL4) Fitter

10-1/8" W x 10-3/8" H
Fits 3" (or 4") OD x 3" tall tenon/pole



C2097 Fitter

10" W x 3-1/4" H
Fits 7" OD x 1" tall tenon/pole

Utility Fitter Details

Optional Accessories

990 Utility Fitter

