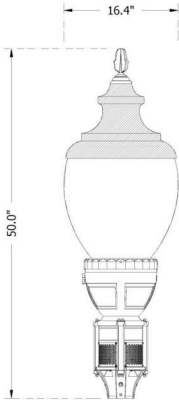


Project Name

Qty

Type

Catalog / Part Number



Certifications



Finish



Description

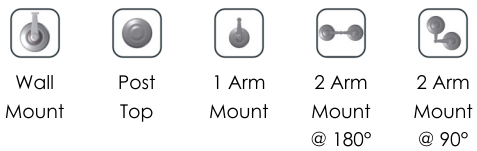
The A850SRLED Old Town Intellistreets luminaire blends form and function into a classic shape. It is supplied with a cast aluminum finial and a solid, cast aluminum roof which includes optimized heat sinks to provide maximum life and performance for the LED light sources. The acorn is sealed to the cast aluminum roof to provide a moisture free and bug-free optics chamber for the LED light source. As a standard the unit is supplied with RGBA flashers, concealed speaker and ECM.

EPA: 1.6 (ft²)
WEIGHT: 50 LBS

Features

Mounting Configuration	1W: Wall Mount PT: Post Top 1A: 1 Arm Mount 2A: 2 Arm Mount @ 180° 2A90: 2 Arm Mount @ 90°
Fixture	A850SRLED: Old Town
Fitter	910-3: Intellistreets Fitter
Lens	A: Clear Textured Acrylic Acorn P: Clear Textured Poly Acorn
Optional Fuse	FHD: Double Fuse and Holder
Optional Ring	CDR: Cast Deco Ring, GOLD medallions CDRP: Cast Deco Ring, Medallions painted to match fixture CDRCL: Cast Deco Ring, custom logo medallions PBDR: Perforated Brass Deco Ring, raw brass PBDRP: Perforated Brass Deco Ring, painted to match fixture
Optional House Side Shield	HSS: 120° House Side Shield BLOC: Back Light Optical Control

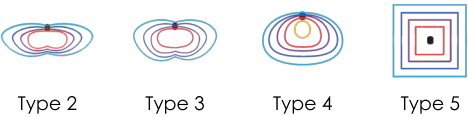
Mounting Configuration



CCT - Color Temp (K)



Distribution Type



Technologies



Smart Cities /
Intellistreets®

Finish	BKT: Black Textured WHT: White Textured PGT: Park Green Textured ABZT: Arch Med Bronze Tex DBT: Dark Bronze Textured VG: Verde Green SI: Swedish Iron OWGT: Old World Gray Tex OI: Old Iron RT: Rust WBR: Weathered Brown CD: Cedar WBK: Weathered Black TT: Two Tone CM: Custom Match
Light Source	LED 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 MDH018: 347V-480V, 180mA MDL016: 120V-277V, 160mA MDH016: 347V-480V, 160mA MDL014: 120V-277V, 140mA MDH014: 347V-480V, 140mA MDL008: 120V-277V, 80mA MDH008: 347V-480V, 80mA

How to Order

Mounting Configuration	Fixture	Fitter	LED	CCT - Color Temp (K)	Distribution Type	Driver ⁽¹⁾	Lens	Optional Fuse ⁽⁶⁾	Optional Ring	Optional House Side Shield ⁽⁸⁾	Finish
1W Wall Mount PT Post Top 1A 1 Arm Mount 2A 2 Arm Mount @ 180° 2A90 2 Arm Mount @ 90°	A850SRLED Old Town	910-3 Intellistreets Fitter	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 ⁽²⁾ MDH018 347V-480V, 180mA ⁽²⁾ MDL016 120V-277V, 160mA ⁽³⁾ MDH016 347V-480V, 160mA ⁽³⁾ MDL014 120V-277V, 140mA ⁽⁴⁾ MDH014 347V-480V, 140mA ⁽⁴⁾ MDL008 120V-277V, 80mA ⁽⁵⁾ MDH008 347V-480V, 80mA ⁽⁵⁾	A Clear Textured Acrylic Acorn P Clear Textured Poly Acorn	FHD Double Fuse and Holder	CDR Cast Deco Ring, GOLD medallions CDRP Cast Deco Ring, Medallions painted to match fixture CDRCL Cast Deco Ring, custom logo medallions ⁽⁷⁾ PBDR Perforated Brass Deco Ring, raw brass PBDRP Perforated Brass Deco Ring, painted to match fixture	HSS 120° House Side Shield BLOC Back Light Optical Control	BKT Black Textured ⁽⁹⁾ WHT White Textured ⁽⁹⁾ PGT Park Green Textured ⁽⁹⁾ ABZT Arch Med Bronze Tex ⁽⁹⁾ DBT Dark Bronze Textured ⁽⁹⁾ VG Verde Green SI Swedish Iron OWGT Old World Gray Tex OI Old Iron ⁽¹⁰⁾ RT Rust ⁽¹⁰⁾ WBR Weathered Brown ⁽¹⁰⁾ CD Cedar ⁽¹⁰⁾ WBK Weathered Black ⁽¹⁰⁾ TT Two Tone ⁽¹⁰⁾ CM Custom Match ⁽¹⁰⁾

Notes:

1. 120v only for most Intellistreets components, consult factory for other voltages

2. 24L system only.

3. 32L system only.

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

5. 12L system only.
6. Ships loose for installation in base.

7. Consult factory for specification details.

8. Not for use with T5 optic.

9. Smooth finishes are available upon request.

10. 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 heavy wall die-cast fitter is constructed of 360 alloy for high tensile strength. The fitter will have a hinged, tool-less entry door that provides open access to all of the components. The fitter shall have a one-piece ring gasket to resist insect penetration into globe assembly.
Cast Decorative Ring	Optional cast aluminum decorative ring (CDR) is made up of a 2.75" tall horizontal band with vertical slots and a 3" medallion in a GOLD finish. Alternate medallion version painted to match fitter (CDRP). Consult factory for custom logos.
Polished Brass Decorative Ring	Optional 2.25" tall perforated banding ring made of brass. Alternate version painted to match fitter (PBD RP)
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.
UL Listing	UL listed per UL1598 and CSA C22.2 No. 250.0 for the United States and Canada. Suitable for Wet Locations.
Electronic Control Module	The ECM is installed in the fitter and acts as the brain for the system. It includes (3) communication radios and inputs for all the smart city components.
Speaker	A 90 Db concealed speaker is installed in the fitter. The speaker is facing downward and protected behind perforated panels. Patented technology syncs the audio across multiple devices.
Light Sensor	An ambient light sensor is included to allow automatic scheduling over ride during storms.
Serviceability	Tool-less access to the driver compartment for ease of installation and maintenance.
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	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, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.

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)=.85

3,000K (70+ CRI)=.92

3,500K (70+ CRI)=1.00

5,000K (70+ CRI)=1.00

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.

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	14765	B3U4G3	111.0	14805	B3U4G4	111.3	15040	B3U3G3	113.1	15595	B4U3G3	117.3	133
32L30T_-MDL016	13630	B3U4G3	102.5	13665	B3U4G4	102.7	13885	B3U3G3	104.4	14395	B4U3G3	108.2	133
32L27T_-MDL016	12495	B3U4G3	93.9	12525	B3U4G4	94.2	12725	B3U3G3	95.7	13195	B4U3G3	99.2	133
24L40T_-MDL018	12515	B3U4G3	107.0	12520	B3U3G3	107.0	12540	B3U3G3	107.2	13100	B3U3G3	112.0	117
24L30T_-MDL018	11550	B3U4G3	98.7	11555	B3U3G3	98.8	11575	B3U3G3	98.9	12090	B3U3G3	103.3	117
24L27T_-MDL018	10590	B3U4G3	90.5	10595	B3U3G3	90.6	10610	B3U3G3	90.7	11085	B3U3G3	94.7	117
24L40T_-MDL014	10135	B3U3G3	116.5	10140	B3U3G3	116.6	10160	B2U3G3	116.8	10595	B3U3G2	121.8	87
24L30T_-MDL014	9355	B3U3G3	107.5	9360	B3U3G3	107.6	9380	B2U3G3	107.8	9780	B3U3G2	112.4	87
24L27T_-MDL014	8575	B3U3G3	98.6	8580	B3U3G3	98.6	8595	B2U3G3	98.8	8965	B3U3G2	103.0	87
16L40T_-MDL014	6770	B2U3G2	114.7	6825	B2U3G3	115.7	6995	B2U3G2	118.6	7285	B3U3G2	123.5	59
16L30T_-MDL014	6250	B2U3G2	105.9	6300	B2U3G3	106.8	6455	B2U3G2	109.4	6725	B3U3G2	114.0	59
16L27T_-MDL014	5730	B2U3G2	97.1	5775	B2U3G3	97.9	5920	B2U3G2	100.3	6165	B3U3G2	104.5	59
12L40T_-MDL014	5335	B2U3G2	116.0	5310	B2U3G2	115.4	5325	B1U3G2	115.8	5490	B2U3G2	119.3	46
12L30T_-MDL014	4925	B2U3G2	107.1	4900	B2U3G2	106.5	4915	B1U3G2	106.8	5070	B2U3G2	110.2	46
12L27T_-MDL014	4515	B2U3G2	98.2	4495	B2U3G2	97.7	4505	B1U3G2	97.9	4645	B2U3G2	101.0	46
12L40T_-MDL008	3245	B1U3G1	120.2	3220	B1U3G2	119.3	3245	B1U3G1	120.2	3350	B2U3G1	124.1	27
12L30T_-MDL008	2995	B1U3G1	110.9	2970	B1U3G2	110.0	2995	B1U3G1	110.9	3090	B2U3G1	114.4	27
12L27T_-MDL008	2745	B1U3G1	101.7	2725	B1U3G2	100.9	2745	B1U3G1	101.7	2835	B2U3G1	105.0	27

Options



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



Cast Decorative Ring (CDR)



Perforated Brass Decorative Ring
(PBDR)

Fitters



Other Features



Smart Arm

For environmental Sensors and Camera



Push Blue

Integrate "Push Blue" call system for emergency communication



Post Top Module

Intellistreets ECM in seperate unit



Remote GFCI

Remote triggering of GFCI receptacle



DMX Control

Control of DMX facade and flood lights



HD Camera

Integrated security camera



Digital Banner

High brightness outdoor screen syned with audio



Antenna

Low Profile antenna for Wifi