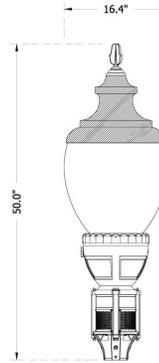
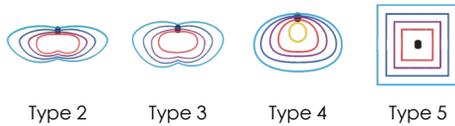


Project Name \_\_\_\_\_ Qty \_\_\_\_\_

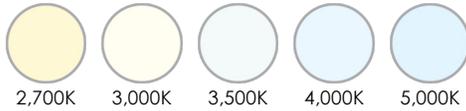
Type \_\_\_\_\_ Catalog / Part Number \_\_\_\_\_



**Distribution Type**



**CCT - Color Temperature (K)**



**7 Year Warranty**



**IP Rating**



**Certifications**



**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.

**EPA: 1.6 (ft²)**  
**WEIGHT: 50 LBS**

**Features**

<b>Mounting Configuration</b>	<b>1W:</b> Wall Mount	<b>PT:</b> Post Top
	<b>1A:</b> 1 Arm Mount	<b>2A:</b> 2 Arm Mount @ 180°
	<b>2A90:</b> 2 Arm Mount @ 90°	

**Optional Fuse** FHD: Double Fuse and Holder

**Optional House Side Shield** HSS: 120° House Side Shield  
BLOC: Back Light Optical Control

**Physical**

<b>Fixture</b>	<b>A850SRLED:</b> A850SRLED
<b>Filter</b>	<b>910-3:</b> Intellistreets Filter
<b>Lens</b>	<b>A:</b> Clear Textured Acrylic Acorn <b>P:</b> Clear Textured Polycarbonate Acorn
<b>Optional Ring</b>	<b>CDR:</b> Cast Decorative Ring <b>CDRCL:</b> Cast Decorative Ring with Custom Logo <b>PBDR:</b> Perforated Brass Decorative Ring, Raw Brass <b>PBDRP:</b> Perforated Brass Decorative Ring, painted to match

<b>Finish</b>	<b>BKT:</b> Black Textured	<b>WHT:</b> White Textured
	<b>PGT:</b> Park Green Textured	<b>ABZT:</b> Architectural Medium Bronze Textured
	<b>DBT:</b> Dark Bronze Textured	<b>CM:</b> Custom Match
	<b>OI:</b> Old Iron	<b>RT:</b> Rust
	<b>WBR:</b> Weathered Brown	<b>CD:</b> Cedar
	<b>WBK:</b> Weathered Black	<b>TT:</b> Two Tone
	<b>VG:</b> Verde Green	<b>SI:</b> Swedish Iron
	<b>OWGT:</b> Old World Gray Textured	

**Light Source**

<b>LED</b>	<b>32L:</b> 32 LEDs	<b>24L:</b> 24 LEDs
	<b>16L:</b> 16 LEDs	<b>12L:</b> 12 LEDs
<b>CCT - Color Temperature (K)</b>	<b>27:</b> 2,700K	<b>30:</b> 3,000K
	<b>35:</b> 3,500K	<b>40:</b> 4,000K
	<b>50:</b> 5,000K	
<b>Distribution Type</b>	<b>T2:</b> Type 2	<b>T3:</b> Type 3
	<b>T4:</b> Type 4	<b>T5:</b> Type 5

**Electrical and control**

<b>Driver</b>	<b>MDL018:</b> 120V-277V, 180mA	<b>MDH018:</b> 347V-480V, 180mA
	<b>MDL016:</b> 120V-277V, 160mA	<b>MDH016:</b> 347V-480V, 160mA
	<b>MDL014:</b> 120V-277V, 140mA	<b>MDH014:</b> 347V-480V, 140mA
	<b>MDL008:</b> 120V-277V, 80mA	<b>MDH008:</b> 347V-480V, 80mA

**Specifications**

<b>Available with Intellistreets® Technology</b>	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.
<b>Fitter</b>	The fitter shall be heavy wall cast aluminum, 360 die cast 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.
<b>Electronic Control Module</b>	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.
<b>Speaker</b>	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.
<b>Light Sensor</b>	An ambient light sensor is included to allow automatic scheduling over ride during storms.
<b>Serviceability</b>	Tool-less access to the driver compartment allows for trouble free servicing of the LED Driver and Surge Suppressor.
<b>UL Listing</b>	UL listed per UL1598 for Wet Locations and CSA 22.2 No. 250.0 for the US and Canada.
<b>Electronic Driver</b>	The LED driver shall be securely mounted inside the fixture, for optimized performance and longevity and shall be U.L. Recognized. 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. 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.
<b>IP Rating</b>	IP65 rated
<b>Finish</b>	6 Stage Polyester Powdercoat paint system.

**Traditional Finishes** 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.

**Sternberg Select Finishes** Available with Sternberg Select Finishes in Verde Green, Swedish Iron, and Old World Gray Textured for a traditional aesthetic.

**Warranty** 7-year limited warranty (See Website for Terms and Conditions.)

**LEDs** The luminaire shall be fully shielded and use high output, high brightness LEDs in a 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)=.97
- 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.

**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	14435	B3U4G3	107.7	14545	B3U3G3	108.5	14725	B3U3G3	109.9	15255	B4U3G3	113.8	134
32L30T_-MDL016	13765	B3U4G3	102.7	13870	B3U3G3	103.5	14040	B3U3G3	104.8	14545	B4U3G3	108.5	134
32L27T_-MDL016	12445	B3U3G3	92.9	12540	B3U3G3	93.6	12695	B3U3G3	94.7	13150	B3U3G2	98.1	134
24L40T_-MDL018	11945	B3U3G3	103.0	11990	B3U3G3	103.4	12240	B3U3G3	105.5	12640	B3U3G2	109.0	116
24L30T_-MDL018	11390	B3U3G3	98.2	11430	B3U3G3	98.5	11670	B3U3G3	100.6	12050	B3U3G2	103.9	116
24L27T_-MDL018	10295	B2U3G2	88.8	10335	B3U3G3	89.1	10550	B3U3G3	90.9	10895	B3U3G2	93.9	116
24L40T_-MDL014	9655	B2U3G2	111.0	9685	B3U3G3	111.3	9885	B3U3G3	113.6	10215	B3U3G2	117.4	87
24L30T_-MDL014	9205	B2U3G2	105.8	9235	B3U3G3	106.1	9425	B3U3G3	108.3	9740	B3U3G2	112.0	87
24L27T_-MDL014	8325	B2U3G2	95.7	8350	B2U3G2	96.0	8520	B2U3G2	97.9	8805	B3U3G2	101.2	87
16L40T_-MDL014	6610	B2U3G2	112.0	6570	B2U3G2	111.4	6610	B2U3G2	112.0	6840	B3U3G2	115.9	59
16L30T_-MDL014	6300	B2U3G2	106.8	6265	B2U3G2	106.2	6300	B2U3G2	106.8	6520	B3U3G2	110.5	59
16L27T_-MDL014	5700	B2U3G2	96.6	5665	B2U3G2	96.0	5700	B2U3G2	96.6	5895	B2U3G1	99.9	59
12L40T_-MDL014	4945	B1U3G1	109.9	4920	B2U3G2	109.3	4910	B2U3G2	109.1	5155	B2U3G1	114.6	45
12L30T_-MDL014	4715	B1U3G1	104.8	4690	B2U3G2	104.2	4680	B2U3G2	104.0	4915	B2U3G1	109.2	45
12L27T_-MDL014	4265	B1U3G1	94.8	4240	B1U3G1	94.2	4235	B1U3G1	94.1	4445	B2U3G1	98.8	45
12L40T_-MDL008	3020	B1U3G1	116.2	3020	B1U3G1	116.2	3005	B1U3G1	115.6	3150	B2U3G1	121.2	26
12L30T_-MDL008	2880	B1U3G1	110.8	2880	B1U3G1	110.8	2865	B1U3G1	110.2	3005	B2U3G1	115.6	26
12L27T_-MDL008	2605	B1U3G1	100.2	2605	B1U3G1	100.2	2590	B1U3G1	99.6	2715	B2U3G1	104.4	26

Fitters

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Options

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



Cast Decorative Ring (CDR)



Perforated Brass Decorative Ring (PBDR)

Other Features

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**Smart Arm**

For environmental Sensors and Camera



**Push Blue**

Integrate "Push Blue" call system for emergency communication



**Post Top Module**

Intellistreets ECM in separate 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

**How to order**

Mounting Configuration	Fixture	Fitter	LED	CCT - Color Temperature (K)	Distribution Type	Driver (1)	Lens	Optional Fuse (6)	Optional Ring	Optional House Side Shield (8)	Finish									
<b>1W</b> Wall Mount	<b>A850SRLED</b> A850SRLED	<b>910-3</b> Intellistreets Fitter	<b>32L</b> 32 LEDs	<b>27</b> 2,700K	<b>T2</b> Type 2	<b>MDL018</b> 120V-277V, 180mA (2)	<b>A</b> Clear Textured Acrylic Acorn	<b>FHD</b> Double Fuse and Holder	<b>CDR</b> Cast Decorative Ring	<b>HSS</b> 120° House Side Shield (8)	<b>BKT</b> Black Textured (9)									
<b>PT</b> Post Top			<b>24L</b> 24 LEDs	<b>30</b> 3,000K	<b>T3</b> Type 3	<b>MDH018</b> 347V-480V, 180mA (2)	<b>P</b> Clear Textured Polycarbonate Acorn					<b>CDRCL</b> Cast Decorative Ring with Custom Logo (7)	<b>BLOC</b> Back Light Optical Control	<b>WHT</b> White Textured (9)						
<b>1A</b> 1 Arm Mount			<b>16L</b> 16 LEDs	<b>35</b> 3,500K	<b>T4</b> Type 4	<b>MDL016</b> 120V-277V, 160mA (3)									<b>MDH016</b> 347V-480V, 160mA (3)	<b>PBDR</b> Perforated Brass Decorative Ring, Raw Brass	<b>PGT</b> Park Green Textured (9)			
<b>2A</b> 2 Arm Mount @ 180°			<b>12L</b> 12 LEDs	<b>40</b> 4,000K	<b>T5</b> Type 5	<b>MDL014</b> 120V-277V, 140mA (4)												<b>MDH014</b> 347V-480V, 140mA (4)	<b>PBDRP</b> Perforated Brass Decorative Ring, painted to match	<b>ABZT</b> Architectural Medium Bronze Textured (9)
<b>2A90</b> 2 Arm Mount @ 90°				<b>50</b> 5,000K		<b>MDH014</b> 347V-480V, 140mA (4)														
						<b>MDL008</b> 120V-277V, 80mA (5)			<b>CM</b> Custom Match (10)											
						<b>MDH008</b> 347V-480V, 80mA (5)			<b>OI</b> Old Iron (10)											
									<b>RT</b> Rust (10)											
									<b>WBR</b> Weathered Brown (10)											
									<b>CD</b> Cedar (10)											
									<b>WBK</b> Weathered Black (10)											
									<b>TT</b> Two Tone (10)											
									<b>VG</b> Verde Green											
									<b>SI</b> Swedish Iron											
									<b>OWGT</b> Old World Gray Textured											

**Notes:**

1. 120v only for most Intellistreets components, consult factory for other voltages
2. 24L system only.
3. 32L system only.
4. 24L, 16L or 12L 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.