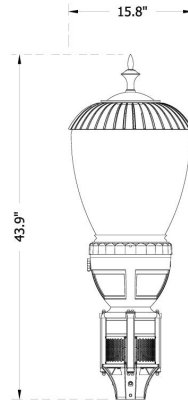
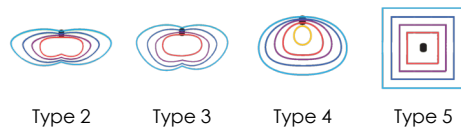


Project Name \_\_\_\_\_ Qty \_\_\_\_\_

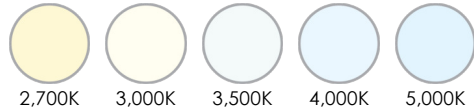
Type \_\_\_\_\_ Catalog / Part Number \_\_\_\_\_



**Distribution Type**



**CCT - Color Temperature (K)**



**7 Year Warranty**



**IP Rating**



**Certifications**



**Description**

The B750SRLED Avenue Intellistreets luminaire 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 optic chamber. As a standard the unit is supplied with RGBA flashers, concealed speaker and ECM.

**EPA: 1.6 (ft²) | WEIGHT: 50 LBS**

**Features**

<b>Mounting Configuration</b>	<b>1W:</b> Wall Mount <b>1A:</b> 1 Arm Mount <b>2A90:</b> 2 Arm Mount @ 90°	<b>PT:</b> Post Top <b>2A:</b> 2 Arm Mount @ 180°
<b>Optional Fuse</b>	<b>FHD:</b> Double Fuse and Holder	
<b>Optional House Side Shield</b>	<b>HSS:</b> 120° House Side Shield <b>BLOC:</b> Back Light Optical Control	

**Physical**

<b>Fixture</b>	<b>B750SRLED:</b> Standard Roof <b>B750BSRLED:</b> Bell Roof
<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>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>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.

<b>Traditional Finishes</b>	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.
<b>Sternberg Select Finishes</b>	Available with Sternberg Select Finishes in Verde Green, Swedish Iron, and Old World Gray Textured for a traditional aesthetic.
<b>Warranty</b>	7-year limited warranty (See Website for Terms and Conditions.)
<b>LEDs</b>	<p>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).</p> <p><b>CCT Lumen Derate Values from 4,000K</b></p> <p>2,700K (70+ CRI)=.92                  3,000K (70+ CRI)=.95                  3,500K (70+ CRI)=.97                  5,000K (70+ CRI)=1.00</p>
<b>Optics</b>	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
24L40T_-MDL014	9650	B3U3G3	110.9	9655	B3U3G3	111.0	9805	B2U3G3	112.7	10185	B3U3G2	117.1	87
24L30T_-MDL014	9200	B3U3G3	105.7	9205	B3U3G3	105.8	9350	B2U3G3	107.5	9710	B3U3G2	111.6	87
24L27T_-MDL014	8320	B3U3G3	95.6	8325	B3U3G3	95.7	8455	B2U3G3	97.2	8780	B3U3G2	100.9	87
16L40T_-MDL014	6615	B2U3G2	112.1	6565	B2U3G2	111.3	6585	B2U3G2	111.6	6840	B3U3G2	115.9	59
16L30T_-MDL014	6305	B2U3G2	106.9	6260	B2U3G2	106.1	6280	B2U3G2	106.4	6520	B3U3G2	110.5	59
16L27T_-MDL014	5705	B2U3G2	96.7	5660	B2U3G2	95.9	5675	B2U3G2	96.2	5895	B3U3G2	99.9	59
12L40T_-MDL014	4970	B2U3G2	110.4	4960	B2U3G2	110.2	4950	B1U3G2	110.0	5225	B3U3G1	116.1	45
12L30T_-MDL014	4740	B2U3G2	105.3	4730	B2U3G2	105.1	4720	B1U3G2	104.9	4980	B3U3G1	110.7	45
12L27T_-MDL014	4285	B2U3G2	95.2	4275	B2U3G2	95.0	4265	B1U3G2	94.8	4505	B3U3G1	100.1	45
12L40T_-MDL008	3055	B1U3G1	117.5	3045	B1U3G1	117.1	3050	B1U3G2	117.3	3195	B2U3G1	122.9	26
12L30T_-MDL008	2915	B1U3G1	112.1	2905	B1U3G1	111.7	2910	B1U3G2	111.9	3045	B2U3G1	117.1	26
12L27T_-MDL008	2635	B1U3G1	101.3	2625	B1U3G1	101.0	2630	B1U3G2	101.2	2755	B2U3G1	106.0	26

Fitters

---



Options

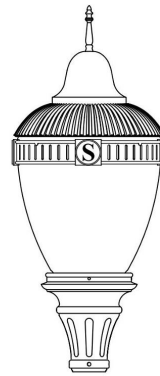
---



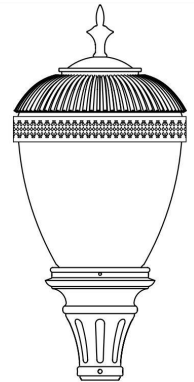
Double Fuse Holder & (2) 3A Fuses  
**(FHD)**



NEMA Receptacle Shorting Cap **(SC)**



Cast Decorative Ring with CUSTOM  
LOGO **(CDRCL)**



Perforated Brass Decorative Ring  
**(PBDR)**

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 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 <sup>(1)</sup>	Lens	Optional Fuse <sup>(4)</sup>	Optional Ring	Optional House Side Shield <sup>(4)</sup>	Finish
<b>1W</b> Wall Mount	<b>B750SRLED</b> Standard Roof	<b>910-3</b> Intellistreets Fitter	<b>24L</b> 24 LEDs	<b>27</b> 2,700K	<b>T2</b> Type 2	<b>MDL014</b> 120V-277V, 140mA <sup>(2)</sup>	<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	<b>BKT</b> Black Textured <sup>(7)</sup>
<b>PT</b> Post Top	<b>B750BSRLED</b> Bell Roof		<b>16L</b> 16 LEDs	<b>30</b> 3,000K	<b>T3</b> Type 3	<b>MDH014</b> 347V-480V, 140mA <sup>(2)</sup>	<b>P</b> Clear Textured Polycarbonate Acorn		<b>CDRCL</b> Cast Decorative Ring with Custom Logo <sup>(5)</sup>	<b>BLOC</b> Back Light Optical Control	<b>WHT</b> White Textured <sup>(7)</sup>
<b>1A</b> 1 Arm Mount			<b>12L</b> 12 LEDs	<b>35</b> 3,500K	<b>T4</b> Type 4	<b>MDL008</b> 120V-277V, 80mA <sup>(3)</sup>					<b>PGT</b> Park Green Textured <sup>(7)</sup>
<b>2A</b> 2 Arm Mount @ 180°				<b>40</b> 4,000K	<b>T5</b> Type 5	<b>MDH008</b> 347V-480V, 80mA <sup>(3)</sup>			<b>PBDR</b> Perforated Brass Decorative Ring, Raw Brass		<b>ABZT</b> Architectural Medium Bronze Textured <sup>(7)</sup>
<b>2A90</b> 2 Arm Mount @ 90°				<b>50</b> 5,000K					<b>PBDRP</b> Perforated Brass Decorative Ring, painted to match		<b>DBT</b> Dark Bronze Textured <sup>(7)</sup>
											<b>CM</b> Custom Match <sup>(8)</sup>
											<b>OI</b> Old Iron <sup>(8)</sup>
											<b>RT</b> Rust <sup>(8)</sup>
											<b>WBR</b> Weathered Brown <sup>(8)</sup>
											<b>CD</b> Cedar <sup>(8)</sup>
											<b>WBK</b> Weathered Black <sup>(8)</sup>
											<b>TT</b> Two Tone <sup>(8)</sup>
											<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, 16L or 12L system only.
- 3. 12L system only.
- 4. Ships loose for installation in base.

- 5. Consult factory for specification details.
- 6. Not for use with T5 optic.
- 7. Smooth finishes are available upon request.
- 8. Custom colors require upcharge.