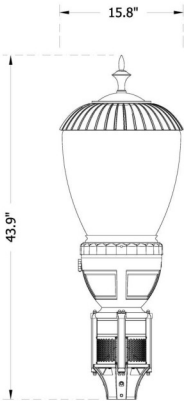


Project Name

Qty

Type

Catalog / Part Number



Certifications



Finish



Black
Textured



White
Textured



Park
Green
Textured



Arch Med
Bronze
Tex



Dark
Bronze
Textured



Verde
Green



Swedish
Iron



Old World
Gray Tex



Old Iron



Rust



Weathered
Brown



Cedar



Weathered
Black



Two Tone



Custom
Match

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 (#2) | 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

B750SRLED: Standard Roof
B750BSRLED: Bell Roof

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


Wall Mount


Post Top


1 Arm Mount


2 Arm Mount @ 180°


2 Arm Mount @ 90°

CCT - Color Temp (K)


2,700K


3,000K


3,500K


4,000K


5,000K

Distribution Type


Type 2


Type 3


Type 4


Type 5

Technologies



Smart Cities /
Intellistreets®

Finish

BKT: Black Textured
WHT: White Textured
PGT: Park Green Textured
ABZT: Arch Med Bronze Tex
DBT: Dark Bronze Textured
CM: Custom Match
OI: Old Iron
RT: Rust
WBR: Weathered Brown
CD: Cedar
WBK: Weathered Black
TT: Two Tone
VG: Verde Green
SI: Swedish Iron
OWGT: Old World Gray Tex

Light Source

LED
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
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 ⁽⁴⁾	Optional Ring	Optional House Side Shield ⁽⁶⁾	Finish
1W Wall Mount	B750SRLED Standard Roof	910-3 Intellistreets Fitter	24L 24 LEDs	27 2,700K	T2 Type 2	MDL014 120V-277V, 140mA ⁽²⁾	A Clear Textured Acrylic Acorn	FHD Double Fuse and Holder	CDR Cast Deco Ring, GOLD medallions	HSS 120° House Side Shield	BKT Black Textured ⁽⁷⁾
PT Post Top	B750BSRLED Bell Roof		16L 16 LEDs	30 3,000K	T3 Type 3	MDH014 347V-480V, 140mA ⁽²⁾	P Clear Textured Poly Acorn		CDRP Cast Deco Ring, Medallions painted to match fixture	BLOC Back Light Optical Control	WHT White Textured ⁽⁷⁾
1A 1 Arm Mount			12L 12 LEDs	35 3,500K	T4 Type 4						PGT Park Green Textured ⁽⁷⁾
2A 2 Arm Mount @ 180°				40 4,000K	T5 Type 5	MDL008 120V-277V, 80mA ⁽³⁾			CDRCL Cast Deco Ring, custom logo medallions ⁽⁵⁾		ABZT Arch Med Bronze Tex ⁽⁷⁾
2A90 2 Arm Mount @ 90°				50 5,000K		MDH008 347V-480V, 80mA ⁽³⁾			PBDR Perforated Brass Deco Ring, raw brass		DBT Dark Bronze Textured ⁽⁷⁾
									PBDRP Perforated Brass Deco Ring, painted to match fixture		CM Custom Match ⁽⁸⁾
											OI Old Iron ⁽⁸⁾
											RT Rust ⁽⁸⁾
											WBR Weathered Brown ⁽⁸⁾
											CD Cedar ⁽⁸⁾
											WBK Weathered Black ⁽⁸⁾
											TT Two Tone ⁽⁸⁾
											VG Verde Green
											SI Swedish Iron
											OWGT Old World Gray Tex

Notes:

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

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 (PBDRP)
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.
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)
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.
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.
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.

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
24L-40-T_-MDL014	10400	B3U3G3	118.2	10455	B3U3G3	118.8	10590	B3U3G3	120.3	10935	B3U3G2	124.3	88
24L-30-T_-MDL014	9600	B3U3G3	109.1	9650	B3U3G3	109.7	9775	B3U3G3	111.1	10095	B3U3G2	114.7	88
24L-27-T_-MDL014	8800	B3U3G3	100.0	8845	B3U3G3	100.5	8960	B3U3G3	101.8	9255	B3U3G2	105.2	88
16L-40-T_-MDL014	6995	B2U3G2	116.6	7050	B2U3G3	117.5	7225	B2U3G2	120.4	7415	B3U3G2	123.6	60
16L-30-T_-MDL014	6455	B2U3G2	107.6	6510	B2U3G3	108.5	6670	B2U3G2	111.2	6845	B3U3G2	114.1	60
16L-27-T_-MDL014	5920	B2U3G2	98.7	5965	B2U3G3	99.4	6115	B2U3G2	101.9	6275	B3U3G2	104.6	60
12L-40-T_-MDL014	5255	B2U3G2	114.2	5280	B2U3G3	114.8	5420	B2U3G2	117.8	5640	B2U3G2	122.6	46
12L-30-T_-MDL014	4850	B2U3G2	105.4	4875	B2U3G3	106.0	5005	B2U3G2	108.8	5205	B2U3G2	113.2	46
12L-27-T_-MDL014	4445	B2U3G2	96.6	4470	B2U3G3	97.2	4585	B2U3G2	99.7	4770	B2U3G2	103.7	46
12L-40-T_-MDL008	3160	B1U3G1	117.0	3200	B1U3G2	118.5	3305	B1U3G1	122.4	3405	B2U3G2	126.1	27
12L-30-T_-MDL008	2915	B1U3G1	108.0	2955	B1U3G2	109.4	3050	B1U3G1	113.0	3145	B2U3G2	116.5	27
12L-27-T_-MDL008	2675	B1U3G1	99.1	2710	B1U3G2	100.4	2795	B1U3G1	103.5	2880	B2U3G2	106.7	27

Options



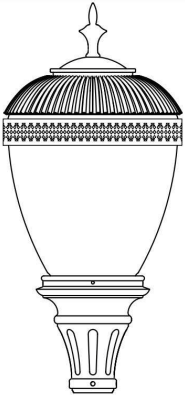
Double Fuse Holder & (2) 3A Fuses
(FHD)



NEMA Receptacle Shorting Cap (SC)



Cast Decorative Ring with CUSTOM
LOGO (CDRCL)



Perforated Brass Decorative Ring
(PBDR)

Filters



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