Qty **Project Name**

Catalog / Part Number Type











Mounting Configuration



Wall Mount











3 Arms @ 90°



1Arm MidMount







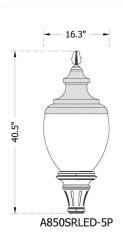


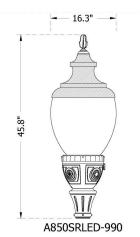
2Arm MidMount

@180









The A850SRLED Old Town 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: 1.21 (ff²) | WEIGHT: 43 LBS

Features

Fixture

3 Arms @ 120°

1 Arm &

Post Top





& Post Top

1 Arm

Mount

2Arm

@180 &

Post Top

4 Arms @

90°

Pier Base

<u>lealules</u>						
Fixture	A850SRLED: Old Town					
Fitter	5P: Slip fit 3" OD x 3" tall tenon/pole					
	73: Slip fit 3" OD x 4" tall tenon/pole					
	74: Slip fit 4" OD x 4" 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					
	588: Art-Deco, Slip fit 3" OD x 3" tall tenon/pole					
	C2097: Low-Profile, Slip fit 7" OD x 1" tall tenon/pole					
Ontional Twist Look Assum	T. Twist Look Option for Appro					

Optional Twist Lock Acorn

T: Twist-Lock Option for Acorn

Lens

A: Clear Textured Acrylic Acorn P: Clear Textured Poly Acorn

Sternberg

<u>Technolo</u>	gies			Optional Control Receptacle	R7: 7-Pin control receptacle	•			
SWART					SRR7: Roof Mounted 7-Pin Co	,			
CITY				Optional Control	PE: Twist-Lock Photocontrol (•			
6 6	Solar				PE4: Twist-Lock Photocontrol SC: Shorting Cap	(347 V-48UV)			
Smart Cities /	Solai				PEC: Electronic Button Photo	control (120V-277V)			
Intellistreets@)				PEC4: Electronic Button Phot	•			
Finish				Optional Fuse	FHD: Double Fuse and Holde	r			
				Optional Ring	CDR: Cast Deco Ring, GOLD	medallions			
					=	allions painted to match fixture			
					CDRCL: Cast Deco Ring, cus	•			
Black	White	Park	Arch Med		PBDR: Perforated Brass Deco	9			
Textured	Textured	Green	Bronze		PBDRP: Perforated Brass Dec	o king, painted to match			
	MAN CHARLES	Textured	Tex		fixture				
				Optional Receptacle	GFI: 120V, 15A Duplex GFI for Utility Fitter				
				Optional Terminal Block	TB: Terminal Block				
Dark	Verde	Swedish	Old World	Optional House Side Shield	BLOC: Back Light Optical Co	ontrol			
Bronze Textured	Green	Iron	Gray Tex	Optional Fixed Dimming Resistor Board	FDRB: Fixed Dimming Resistor Board				
		(And		Finish	BKT: Black Textured	WHT: White Textured			
		A CONTRACTOR OF THE PARTY OF TH			PGT: Park Green Textured	ABZT: Arch Med Bronze Tex			
		(The state of			DBT: Dark Bronze Textured	VG: Verde Green			
Old Iron	Rust	Weathered	Cedar		SI: Swedish Iron	OWGT: Old World Gray Tex RT: Rust			
(1) (1) (1) (1) (1) (1)	_	Brown			OI: Old Iron WBR: Weathered Brown	CD: Cedar			
					WBK: Weathered Black	TT: Two Tone			
					CM: Custom Match	n. two tone			
Weathered	Two Tone	Custom		Light Source					
Black		Match		LED	12L: 12 LEDs	16L: 16 LEDs			
CCT - Co	or Temp (k	()			24L: 24 LEDs	32L: 32 LEDs			
				CCT - Color Temp (K)	27: 2,700K	30: 3,000K			
					35: 3,500K	40: 4,000K			
2,700K	3,000K 3,5	00K 4,000K	5,000K		50: 5,000K				
Distributio	n Type			Distribution Type	T2 : Type 2	T3 : Type 3			
אווטטווופוס	ii iype				T4 : Type 4	T5 : Type 5			



Type 2



Type 3



Type 4





How to Order

Mounting Configuration ⁽¹⁾	Fixture	Fitter ⁽¹⁾	Optional Twist Lock Acorn	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens
1W Wall Mount PT Post Top 1A 1 Arm Mount 1APT 1 Arm & Post Top 2A 2 Arm Mount @ 180° 2 Arm Mount @ 90° 2 APT 2 Arm @180 & Post Top 3A 3 Arms @ 120° (2) 3A90 3 Arms @ 90° 3APT 3Arm @120 & Post Top (2) 4A 4 Arms @ 90° 4APT 4 Arm @90 & Post Top 1AM 1 Arm MidMount 2AM 2 Arm MidMount (180) 450PB Pier Base (3)	A850SRLED Old Town	5P 3" OD x 3" tall tenon (4) 73 Slip fit 3" OD x 4" tall tenon/pole 74 Slip fit 4" OD x 4" tall tenon/pole 990 Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole (4) 991 Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole (4) 992 Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole (4) 993 Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole (4) 993 Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole (4) 994 Utility-Fitter, Slip fit 4" OD x 3" tall tenon/pole (4) 995 Utility-Fitter, Slip fit 4" OD x 3" tall tenon/pole (4) 995 Utility-Fitter, Slip fit 4" OD x 3" tall tenon/pole (4) 995 Utility-Fitter, Slip fit 4" OD x 3" tall tenon/pole 100 11 12 13 14 15 15 16 17 16 17 16 17 16 17 16 17 17 16 17 17 16 17 17 16 17 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	T Twist-Lock Option for Acom	12L 12 LEDS 16L 16 LEDS 24L 24 LEDS 32L 32 LEDS	27 2,700K 30 3,000K 35 3,500K 40 4,000K 50 5,000K	12 Type 2 13 Type 3 14 Type 4 15 Type 5	MDL018 120V-277V,180mA (7) MDH018 347V-480V,180mA (8) MDH016 347V-480V,160mA (8) MDH014 120V-277V,140mA (9) MDH014 347V-480V,140mA (9) MDH008 347V-480V,80mA (10) MDH008 347V-480V,80mA (10) MDH008 347V-480V,80mA (10)	A Clear Textured Acrylic Acom P Clear Textured Poly Acom

Notes:

- 1. Use 3" fitter for arm applications.

- 2. Only available with a round profile pole.

 3. For use with 3" fifters only

 4. Fitter available with "Twist-lock" acom option

 5. Consult factory for use on concrete poles.

 6. Not for use with button photocell

- 7. 24L system only.
- 8. 32L system only.9. 12L, 16L or 24L system only.

- 10. 12L system only.

 11. Only available in 3,000K and 4,000K CCT.

 12. Not for use with R7, SRR7, PEC and FDRB options.

How to Order

Optional Control Receptacle ⁽¹³⁾	Optional Control	Optional Fuse ⁽¹⁹⁾	Optional Ring	Optional Receptacle	Optional Terminal Block ⁽¹⁴⁾	Optional House Side Shield ⁽²²⁾	Optional Fixed Dimming Resistor Board ⁽²³⁾	Finish
R7 7-Pin control receptacle only (14) (15) SRR7 Roof Mounted 7-Pin Control Receptacle Only	PE Twist-Lock Photocontrol (120V-277V) (16) PE4 Twist-Lock Photocontrol (347V-480V) (16) SC Shorting Cap (16) PEC Electronic Button Photocontrol (120V-277V) (17) (18) PEC4 Electronic Button Photocontrol (480V) (17) (18)	FHD Double Fuse and Holder	CDR Cast Deco Ring, GOLD medallions CDRP Cast Deco Ring, Medallions pointed to match fixture CDRCL Cast Deco Ring, custom logo medallions (20) PBDR Perforated Brass Deco Ring, raw brass PBDRP Perforated Brass Deco Ring, painted to match fixture	GFI 120V, 15A Duplex GFI for Utility Fitter	TB Terminal Block	BLOC Back Light Optical Control	FDRB Fixed Dimming Resistor Board	BKT Black Textured (24) WHT White Textured (24) PGT Park Green Textured (24) ABZT Arch Med Bronze Textured (24) VG Verde Green SI Swedish Iron OWGT Old World Gray Tex OI Old Iron (25) RT Rust (25) WBR Weathered Brown (25) CD Cedar (25) WBK Weathered Black (25) WBK Weathered Black (25) CM Custom Match (25)

Notes:

- 13. Not for use with FDRB.14. For 900 series utility fitter only.15. For use with standard 3-Pin photocells only, not for use with a wireless network controller.

- 16. Requires control receptacle.
 17. Not for use with R7 or SRR7.
 18. Not for use with C2097 fitter.
 19. Ships loose for installation in base.

- 20. Consult factory for specification details.
 21. For use with MDLxx driver only.
 22. Not for use with 15 optic.
 23. Not for use with 87.
 24. Smooth finishes are available upon request.
- 25. 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.
Solar Power System	Luminaire available for integration with solar platforms (controller, panel, and batteries by others) with a 48VDC (MDS48V) board configuration. Offered in 3,000K or 4,000K CCT Max drive current (mA) is based on the number of LEDs: 12L = 720mA 16L = 960mA 24L = 1,680mA 32L = 2,240mA
	Consult solar platform manufacturer to confirm compatibility with the voltages and system currents above.
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)
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.
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 lineground, 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)=.85 3,000K (70+ CRI)=.92 3,500K (70+ CRI)=1.00 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 (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. 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.
Terminal Block	Requires Utility Fitter Optional 4-wire dual row terminal block. Incudes #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
32L40TMDL016	14765	B3U4G3	111.0	14805	B3U4G4	111.3	15040	B3U3G3	113.1	15595	B4U3G3	117.3	133
32L30TMDL016	13630	B3U4G3	102.5	13665	B3U4G4	102.7	13885	B3U3G3	104.4	14395	B4U3G3	108.2	133
32L27TMDL016	12495	B3U4G3	93.9	12525	B3U4G4	94.2	12725	B3U3G3	95.7	13195	B4U3G3	99.2	133
24L40TMDL018	12515	B3U4G3	107.0	12520	B3U3G3	107.0	12540	B3U3G3	107.2	13100	B3U3G3	112.0	117
24L30TMDL018	11550	B3U4G3	98.7	11555	B3U3G3	98.8	11575	B3U3G3	98.9	12090	B3U3G3	103.3	117
24L27TMDL018	10590	B3U4G3	90.5	10595	B3U3G3	90.6	10610	B3U3G3	90.7	11085	B3U3G3	94.7	117
24L40TMDL014	10135	B3U3G3	116.5	10140	B3U3G3	116.6	10160	B2U3G3	116.8	10595	B3U3G2	121.8	87
24L30TMDL014	9355	B3U3G3	107.5	9360	B3U3G3	107.6	9380	B2U3G3	107.8	9780	B3U3G2	112.4	87
24L27TMDL014	8575	B3U3G3	98.6	8580	B3U3G3	98.6	8595	B2U3G3	98.8	8965	B3U3G2	103.0	87
16L40TMDL014	6770	B2U3G2	114.7	6825	B2U3G3	115.7	6995	B2U3G2	118.6	7285	B3U3G2	123.5	59
16L30TMDL014	6250	B2U3G2	105.9	6300	B2U3G3	106.8	6455	B2U3G2	109.4	6725	B3U3G2	114.0	59
16L27TMDL014	5730	B2U3G2	97.1	5775	B2U3G3	97.9	5920	B2U3G2	100.3	6165	B3U3G2	104.5	59
12L40TMDL014	5335	B2U3G2	116.0	5310	B2U3G2	115.4	5325	B1U3G2	115.8	5490	B2U3G2	119.3	46
12L30TMDL014	4925	B2U3G2	107.1	4900	B2U3G2	106.5	4915	B1U3G2	106.8	5070	B2U3G2	110.2	46
12L27TMDL014	4515	B2U3G2	98.2	4495	B2U3G2	97.7	4505	B1U3G2	97.9	4645	B2U3G2	101.0	46
12L40TMDL008	3245	B1U3G1	120.2	3220	B1U3G2	119.3	3245	B1U3G1	120.2	3350	B2U3G1	124.1	27
12L30TMDL008	2995	B1U3G1	110.9	2970	B1U3G2	110.0	2995	B1U3G1	110.9	3090	B2U3G1	114.4	27
12L27TMDL008	2745	B1U3G1	101.7	2725	B1U3G2	100.9	2745	B1U3G1	101.7	2835	B2U3G1	105.0	27

Options



Perforated Brass Decorative Ring (PBDR)



Cast Decorative Ring (CDR)



Twist-Lock Ring (TL)



Solid Roof with NEMA Receptacle (SRR7)



Button Photocell (PEC)



Fixed Dimming Resistor Board (FDRB)



Back Light Optical Control (BLOC)

Fitters



5P Fitter $10\text{-}1/8\text{" W} \times 10\text{-}3/8\text{" H}$ Fits 3" OD x 3" tall tenon/pole



BD4 Fitter10-1/8" 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



588 Fitter $14\text{-}1/2" \text{ W} \times 14\text{-}1/4" \text{ H}$ Fits 3" OD \times 3" tall tenon/pole



C2097 Fitter 10"~W~x~3-1/4"~H Fits 7" OD x 1" tall tenon/pole



992 Utility Fitter 10-1/2" W x 13-1/8" H Fits 3" 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



OL3 (or OL4) Fitter
10-1/8" W x 10-3/8" H
Fits 3" (or 4") OD x 3" tall tenon/pole



990 (or 994) Utility Fitter $10\text{-}1/2\text{" W}\times15\text{-}3/4\text{" H}$ Fits 3" (or 4") OD \times 3" tall tenon/pole



993 (or 995) Utility Fitter $10\text{-}1/2\text{" W}\times15\text{-}3/4\text{" H}$ Fits 3" (or 4") OD \times 3" tall tenon/pole



73 (or 74) Fitter 9-3/4" W x 13-1/4" H Fits 3" (or 4") OD x 4" tall tenon/pole

Utility Fitter Details

Optional Accessories

990 Utility Fitter

