

A880SRLED TOWN SQUARE SERIES



A880SRLED

The luminaire shall be a traditional acorn style fixture provided with a decorative cast aluminum fitter, a polycarbonate or acrylic clear textured acorn and a cast aluminum cage and roof. The luminaire shall have LED light sources and roof mounted, down-lighting optics. The luminaire shall be 18" diameter and 49-1/2" over-all height. The luminaire shall be U.L. or E.T.L. listed in U.S. and Canada.



EPA = TBD (ft²)
WEIGHT = TBD LBS

ORDERING EXAMPLE: PT-A880SRLED-910-3-6ARC45T5-MDL03/FHD/4212FP4/BKT

BUILD A PART NUMBER									
Mounting Config.	Fixture	Fitter	LED	CCT	Type	Driver	Options	Pole	Finish
PT	A880SRLED	910-3	6ARC	45	T5	MDL03	FHD	4212FP4	BKT

Mounting Configuration*

- IW 2A 3A90 2AM
- PT 2A90 4A
- IA 3A IAM

A = Arm Mount AM = Arm Mid-Mount W = Wall Mount
*See Mounting Configuration Sheet

Acorns

- A880SRLED¹ A880ASRLED

Fitters

- 910-3

LED

- 6ARC 4ARC 3ARC 2ARC

CCT - Color Temperature (K)

- 62(00) 45(00) 35(00)

Type

- T2 T3 T3R T5

Drivers

Volts	Type	mA
<input type="checkbox"/> 120-277	<input type="checkbox"/> MDL	<input type="checkbox"/> 03
<input type="checkbox"/> 347-480	<input type="checkbox"/> MDH	<input type="checkbox"/> 05 (6 ARC Only)

Options

- FHD Dual Fuse and Holder
- PF per Arm - Pineapple Finial or Font (for TA, TASCRA)
- BF per Arm - Ball Finial or Font (TA, TASCRA)
- G GFI
- HSS House Side Shield (only 2AIR or IR)
- TB Terminal Block

Notes:

¹ White polycarbonate acorns are available. Specify WP after acorn number.

Standard Finishes*

- BKT Black Textured
- WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured

* Smooth finishes are available upon request

Custom Finishes

- OI Old Iron
- RT Rust
- WBR Weathered Brown
- CD Cedar
- WBK Weathered Black
- TT Two Tone

Sternberg Select Finishes

- VG Verde Green
- SI Swedish Iron
- OWGT Old World Gray Textured

Specifications

910-3 Fitter Series

The fitter shall be heavy wall cast aluminum, 360 die cast alloy for high tensile strength. It shall have a 9-1/4" inside diameter opening to attach to the 8" neck of the acorn globe. It shall have a hinged, tool-less entry door that provides open access to all of the components. The 910-3 shall have an optional terminal block for ease of wiring, an optional Twist-Lock Photocell receptacle, an optional GFCI outlet for auxiliary power needs. The top mounted ballast mounting plate shall be cast aluminum and provide tool-less removal from the housing using 2 finger latches. When ordered with a Sternberg aluminum pole, the fitter shall be set screwed to the pole top or tenon. The fitter shall have a one-piece ring bug gasket to resist insect penetration into lamp assembly. When supplied with GFI 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.

910-3 ECM Intellistreets Electronic Control Module

Integrated audio and lighting control technology that includes, on/off and dimming, colored flashers, integrated speaker, wireless mesh network, optional add-on functionality for way-finding and security. Consult factory for details and pricing.

Driver

The LED driver shall be securely mounted inside the fitter, for optimized performance and longevity.

Light Sources

The luminaire shall use high output, high brightness LEDs. The LEDs shall be mounted in arrays, on printed circuit boards designed to maximize heat transfer to the heat sink surface. The LEDs shall be attached to the printed circuit board with not less than 90% pure silver to insure optimal electrical and thermal conductivity. The LEDs and printed circuit boards shall be protected from moisture and corrosion by a conformal coating of 1 to 3 mils. The LEDs and printed circuit board construction shall be environmentally friendly and 100% recyclable. They shall not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. The LED life rating shall be determined in accordance with IESNA LM-80.

Optics

The luminaire shall be provided with individual, acrylic, refractor type optics applied to each LED. The luminaire shall provide Type _____ (2, 3, 3R or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.

Performance

The LEDs and LED driver shall operate over a -40°C (-40°F) to +50°C (122°F) ambient air temperature range. The High Performance white LEDs will have a life expectancy of approximately 70,000 hours with not less than

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70% of original brightness (lumen maintenance), rated at 25°C. The High Brightness, High Output LED's shall be 4500K (3500K or 6200K option) color temperature with a typical of 70 CRI. The Luminaire shall have a minimum _____ (see table) initial delivered lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F).

Electronic Drivers

The driver shall be U.L. Listed. The driver shall have overload as well as short circuit protection. The driver shall be a DC voltage output, constant current design, 50/60HZ. The driver accepts input voltage from 120-277 (MDL). Optional 347-480 (MDH). The driver shall have a minimum power factor of 0.90. The driver shall be rated at full load with THD<20%. The driver is dimmable using 0-10V signal. The luminaire shall be supplied with line-ground, line- neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. The LED driver shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. The driver shall have a universal 120 thru 277 AC input range.

Caged Acorn

The caged acorn shall be 18" diameter and 29-1/2" tall with an 8" diameter neck. The caged acorn shall be made of _____ vandal resistant, clear textured polycarbonate or dent resistant (DR) clear textured acrylic. For Acrylic, add "A" to model number. The caged acorn shall be 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 caged acorn shall be sealed to the cast aluminum roof to provide a moisture-free and bug-free optics chamber for the LED light sources. The Luminaire shall have a distinctive-styled, decorative cast aluminum cage.

Warranty

Seven-year limited warranty. See product and finish warranty guide for details.

Suggested Arms

See Arms & Wall Brackets specification sheets

- 50 70 480 6236
- 478 80 55 TASCRA

Poles

See Pole specification sheets.

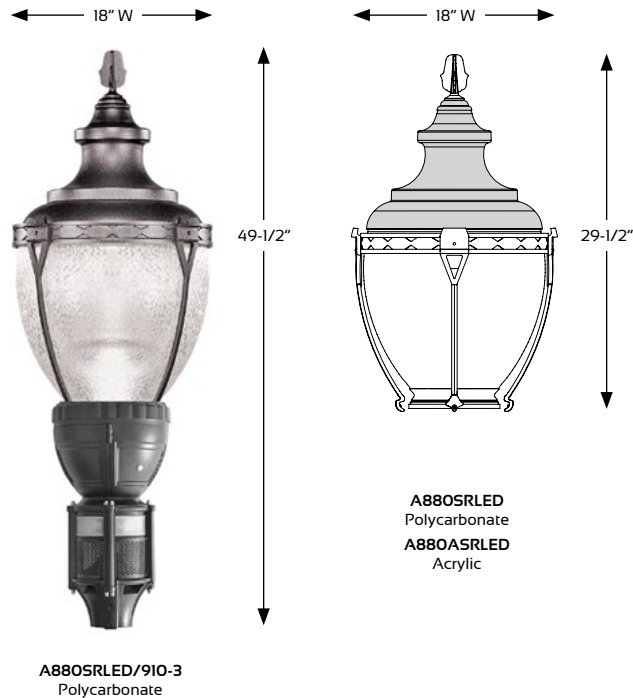
Finish

Refer to website for details.

Performance

Light Source	T2 Spec Lumens	T3 Spec Lumens	T3R Spec Lumens	T5 Spec Lumens	Watts
6ARC62T-MDL05	10420	10460	10700	11050	145
6ARC45T-MDL05	9745	9780	10000	10335	145
6ARC35T-MDL05	9145	9180	9390	9700	145
6ARC62T-MDL03	7830	7685	7875	8050	95
6ARC45T-MDL03	7320	7190	7365	7530	95
6ARC35T-MDL03	6870	6745	6910	7065	95
4ARC62T-MDL03	5290	5210	5325	5485	66
4ARC45T-MDL03	4950	4870	4980	5130	66
4ARC35T-MDL03	4645	4570	4675	4810	66
3ARC62T-MDL03	4090	3925	4130	4185	53
3ARC45T-MDL03	3830	3670	3860	3910	53
3ARC35T-MDL03	3590	3445	3625	3670	53
2ARC62T-MDL03	2775	2670	2770	2815	34
2ARC45T-MDL03	2595	2495	2590	2635	34
2ARC35T-MDL03	2435	2340	2430	2470	34

Caged Acorns



910-3 Fitter