

# A670TSRLED YALE SERIES



## A670TSRLED

The luminaire shall be a stylized victorian acorn fixture provided with a decorative cast aluminum fitter, a polycarbonate or acrylic clear textured acorn and a cast aluminum cage and roof.



EPA = TBD (ft<sup>2</sup>)  
WEIGHT = TBD LBS

ORDERING EXAMPLE: PT-A670TSRLED-910-3-6ARC45T5-MDL03/FHD/4212FP4/BKT

BUILD A PART NUMBER									
Mounting Config.	Fixture	Fitter	LED	CCT	Type	Driver	Options	Pole	Finish
PT	A670TSRLED	910-3	6ARC	45	T5	MDL03	FHD	4212FP4	BKT

### Mounting Configuration\*

- 1W     2A     3A90     2AM
- PT     2A90     4A
- 1A     3A     1AM

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

### Acorns

- A670TSRLED<sup>1</sup>     A670TSSRLED

### 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)
- FHD Dual Fuse & Holder - 208, 240, 480 Volt
- CDR-CL<sup>2</sup> Cast Decorative Ring with Custom Logo
- HSS House Side Shield (only 2AIR or 1R)
- TB Terminal Block

### Notes:

<sup>1</sup> White polycarbonate acorns are available. Specify WP after acorn number.

<sup>2</sup> Consult factory for specification details.

### 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

### General

The A670TSRLED Yale Series luminaire shall be appointed with a cast aluminum decorative 4-vane finial. The luminaire shall have LED light sources and roof mounted, down-lighting optics. The luminaire shall be 18" diameter and 40-1/2" over-all height. The luminaire shall be E.T.L. or U.L. listed in U.S. and Canada.

### 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. The LED driver shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation.

### 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 LED arrays shall be mounted to minimize up-light. 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.

See back page

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## A670TSRLED

### 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 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.

### 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 distinctively 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     BAPT

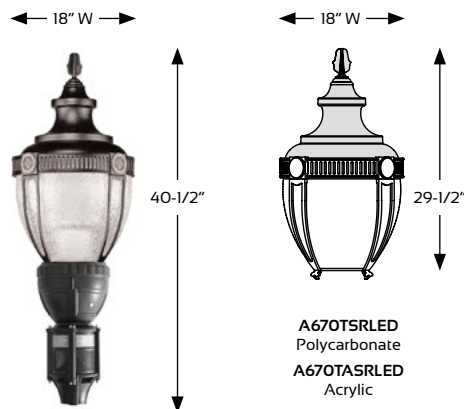
**Poles** - See Pole specification sheets.

**Finish** - Refer to website for details.

### Performance

Light Source	T2 Spec Lumens	T3 Spec Lumens	T3R Spec Lumens	T5 Spec Lumens	Watts
6ARC62T-MDL05	9975	10270	10185	10515	145
6ARC45T-MDL05	9330	9605	9525	9835	145
6ARC35T-MDL05	8755	9015	8940	9230	145
6ARC62T-MDL03	7445	7580	7670	7730	96
6ARC45T-MDL03	6960	7090	7170	7230	96
6ARC35T-MDL03	6530	6655	6730	6785	96
4ARC62T-MDL03	5130	5050	5080	5340	67
4ARC45T-MDL03	4800	4725	4750	4995	67
4ARC35T-MDL03	4505	4435	4460	4690	67
3ARC62T-MDL03	3935	3705	3990	4040	53
3ARC45T-MDL03	3680	3465	3735	3780	53
3ARC35T-MDL03	3455	3250	3505	3550	53
2ARC62T-MDL03	2645	2675	2685	2755	34
2ARC45T-MDL03	2475	2505	2510	2580	34
2ARC35T-MDL03	2320	2350	2355	2420	34

### Caged Acorns



A670SRLED/910-3  
Polycarbonate

A670SRLED  
Polycarbonate  
A670ASRLED  
Acrylic

### 910-3 Fitter



910-3  
10" W x 20" H  
Fits 3" Tenon

### CDR-CL



CDR-CL  
Custom Logo