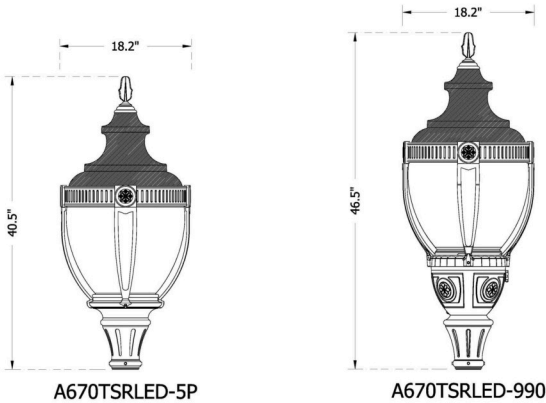


Project Name

Qty

Type

Catalog / Part Number



Certifications



Mounting Configuration



Wall
Mount



Post Top



1 Arm
Mount



1 Arm &
Post Top



2 Arm
Mount @
180°



2 Arm
Mount @
90°



2Arm
@180 &
Post Top



3 Arms @
120°



3 Arms @
90°



3Arm
@120 &
Post Top



4 Arms @
90°



4Arm @90
& Post
Top



1 Arm
MidMount



2Arm
MidMount
@180



Pier Base

Description

The A670TSRLED Yale caged acorn shall be supplied with a cast aluminum finial, roof and a variety of decorative fitters . The Luminaire will include a distinctively styled cast aluminum cage with decorative medallions in a GOLD finish.
EPA: 1.40 (ft²) | WEIGHT: 48 LBS

Features

Mounting Configuration

- 1W:** Wall Mount
1A: 1 Arm Mount
2A: 2 Arm Mount @ 180°
2APT: 2Arm @180 & Post Top
3A90: 3 Arms @ 90°
4A: 4 Arms @ 90°
1AM: 1 Arm MidMount
450PB: Pier Base
- PT:** Post Top
1APT: 1 Arm & Post Top
2A90: 2 Arm Mount @ 90°
3A: 3 Arms @ 120°
3APT: 3Arm @120 & Post Top
4APT: 4Arm @90 & Post Top
2AM: 2Arm MidMount @180

Fixture

A670TSRLED: Yale

Fitter

- 5P:** Slip fit 3" OD x 3" 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
C2097: Low-Profile, Slip fit 7" OD x 1" tall tenon/pole

Lens

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

Optional Control Receptacle

- R7:** 7-Pin control receptacle only
SRR7: Roof Mounted 7-Pin Control Receptacle Only

Technologies



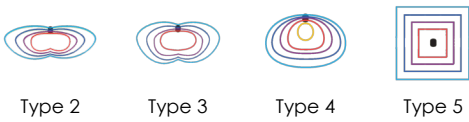
Finish



CCT - Color Temp (K)



Distribution Type



Optional Control	PE: Twist-Lock Photocontrol (120V-277V)	
	PE4: Twist-Lock Photocontrol (347V-480V)	
	SC: Shorting Cap	
	PEC: Electronic Button Photocontrol (120V-277V)	
	PEC4: Electronic Button Photocontrol (480V)	
Optional Fuse	FHD: Double Fuse and Holder	
Optional Ring	MP: Medallions Painted to Match fixture finish	
	CL: Custom Logo on Decorative Ring	
Optional Terminal Block	TB: Terminal Block	
Optional Receptacle	GFI: 120V, 15A Duplex GFI for Utility Fitter	
Optional House Side Shield	BLOC: Back Light Optical Control	
Optional Fixed Dimming Resistor Board	FDRB: Fixed Dimming Resistor Board	
Finish	BKT: Black Textured	WHT: White Textured
	PGT: Park Green Textured	ABZT: Arch Med Bronze Tex
	DBT: Dark Bronze Textured	VG: Verde Green
	SI: Swedish Iron	OWGT: Old World Gray Tex
	OI: Old Iron	RT: Rust
	WBR: Weathered Brown	CD: Cedar
	WBK: Weathered Black	TT: Two Tone
	CM: Custom Match	
Light Source		
LED	12L: 12 LEDs	16L: 16 LEDs
	24L: 24 LEDs	32L: 32 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	MDL008: 120V-277V, 80mA	
	MDH008: 347V-480V, 80mA	
	MDL014: 120V-277V, 140mA	
	MDH014: 347V-480V, 140mA	
	MDL016: 120V-277V, 160mA	
	MDH016: 347V-480V, 160mA	
	MDL018: 120V-277V, 180mA	
	MDH018: 347V-480V, 180mA	
	MDS48V: DC Solar, 48V	

Important

Virtual Patent Marking Notice

This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

How to Order

Mounting Configuration ⁽¹⁾	Fixture	Fitter ⁽¹⁾	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° 2A90 2 Arm Mount @ 90° 2APT 2Arm @180 & Post Top 3A 3 Arms @ 120° ⁽²⁾ 3A90 3 Arms @ 90° 3APT 3Arm @120 & Post Top ⁽²⁾ 4A 4 Arms @ 90° 4APT 4Arm @90 & Post Top 1AM 1Arm MidMount 2AM 2Arm MidMount @180 450PB Pier Base ⁽³⁾	A670TSRLED Yale	5P 3" OD x 3" tall tenon 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 C2097 Low-Profile, Slip fit 7" OD x 1" tall tenon/pole ^{(4) (5)}	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	T2 Type 2 T3 Type 3 T4 Type 4 T5 Type 5	MDL008 120V-277V, 80mA ⁽⁶⁾ MDH008 347V-480V, 80mA ⁽⁶⁾ MDL014 120V-277V, 140mA ⁽⁷⁾ MDH014 347V-480V, 140mA ⁽⁷⁾ MDL016 120V-277V, 160mA ⁽⁸⁾ MDH016 347V-480V, 160mA ⁽⁸⁾ MDL018 120V-277V, 180mA ⁽⁹⁾ MDH018 347V-480V, 180mA ⁽⁹⁾ MDS48V DC Solar, 48V ^{(10) (11)}	A Clear Textured Acrylic Acorn P Clear Textured Poly Acorn

Notes:

1. Use 3" fitter for arm applications.

2. Only available with a round profile pole.

3. For use with 3" fitters only

4. Consult factory for use on concrete poles.

5. Not for use with button photocell

6. 12L system only.
7. 12L, 16L or 24L system only.

8. 32L system only.

9. 24L system only.

10. Not for use with R7, PEC and FDRB options.

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

How to Order

Optional Control Receptacle ⁽¹²⁾	Optional Control	Optional Fuse ⁽¹⁸⁾	Optional Ring	Optional Terminal Block ⁽¹³⁾	Optional Receptacle ^{(13) (20)}	Optional House Side Shield ⁽²¹⁾	Optional Fixed Dimming Resistor Board ⁽¹⁷⁾	Finish
R7 7-Pin control receptacle only ^{(13) (14)} SRR7 Roof Mounted 7-Pin Control Receptacle Only	PE Twist-Lock Photocontrol (120V-277V) ⁽¹⁵⁾ PE4 Twist-Lock Photocontrol (347V-480V) ⁽¹⁵⁾ SC Shorting Cap ⁽¹⁵⁾ PEC Button Photo Control (120V-277V) ^{(16) (17)} PEC4 Button Photocontrol (480V) ^{(16) (17)}	FHD Double Fuse and Holder	MP Medallions Painted to Match fixture finish CL Custom Logo on Decorative Ring ⁽¹⁹⁾	TB Terminal Block	GFI Duplex GFCI, in utility fitter	BLOC Back Light Optical Control	FDRB Fixed Dimming Resistor Board	BKT Black Textured ⁽²²⁾ WHT White Textured ⁽²²⁾ PGT Park Green Textured ⁽²²⁾ ABZT Arch Med Bronze Tex ⁽²²⁾ DBT Dark Bronze Textured ⁽²²⁾ VG Verde Green SI Swedish Iron OWGT Old World Gray Tex OI Old Iron ⁽²³⁾ RT Rust ⁽²³⁾ WBR Weathered Brown ⁽²³⁾ CD Cedar ⁽²³⁾ WBK Weathered Black ⁽²³⁾ TT Two Tone ⁽²³⁾ CM Custom Match ⁽²³⁾

Notes:

- 12.** Not for use with FDRB.

13. For 900 series utility fitter only.

14. For use with standard 3-Pin photocells only, not for use with a wireless network controller.

15. Requires control receptacle.

16. Not for use with C2097 fitter.

17. Not for use with R7 or SRR7.
- 18.** Ships loose for installation in base.

19. Consult factory for specification details.

20. For use with MDLxx driver only.

21. Not for use with TS optic.

22. Smooth finishes are available upon request.

23. 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.
Recommended Arms	This luminaire pairs well with the variety of arms: 480, 478, TA and 6236 An assortment of alternate arms are available to suit any application. Build your assembly in Genesis to review different arm styles.
Medallions	Includes Four cast aluminum 3" medallions in a GOLD finish. Mounted on a 2.75" tall horizontal band with vertical slots Optional version with medallions painted to match fitter. (MP) Consult factory for custom logos.
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.
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 operating in an ambient temperature of up to 40°C (105°F)
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.
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. The high brightness, high-output white LEDs shall be 4000K nominal (2700K, 3000K, 3500K or 5000K optional) correlated color temperature (CCT). Photometrics comply with LM79 testing standards. CCT Lumen Derate Values from 4,000K (70+ CRI) 2,700K (70+ CRI)= .92 3,000K (70+ CRI)= .95 3,500K (70+ CRI)= 1.03 5,000K (70+ CRI)= 1.00 Consult factory for custom correlated color temperature (CCT) or color rendering index (CRI).
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 (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. 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.
Terminal Block	Requires Utility Fitter Optional 4-wire dual row terminal block. Includes #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
32L40T_-MDL016	13300	B3U4G3	99.3	13455	B3U3G3	100.4	13770	B3U3G3	102.8	14125	B4U3G3	105.4	134
32L30T_-MDL016	12680	B3U4G3	94.6	12830	B3U3G3	95.7	13130	B3U3G3	98.0	13465	B4U3G3	100.5	134
32L27T_-MDL016	11465	B3U4G3	85.6	11600	B3U3G3	86.6	11870	B3U3G3	88.6	12175	B4U3G3	90.9	134
24L40T_-MDL018	11130	B3U3G3	95.1	11260	B3U3G3	96.2	11420	B3U3G3	97.6	11780	B3U3G3	100.7	117
24L30T_-MDL018	10610	B3U3G3	90.7	10735	B3U3G3	91.8	10890	B3U3G3	93.1	11230	B3U3G3	96.0	117
24L27T_-MDL018	9595	B3U3G3	82.0	9705	B3U3G3	82.9	9845	B3U3G3	84.1	10155	B3U3G3	86.8	117
24L40T_-MDL014	9005	B2U3G2	102.3	9095	B3U3G3	103.4	9265	B2U3G3	105.3	9540	B3U3G2	108.4	88
24L30T_-MDL014	8585	B2U3G2	97.6	8670	B3U3G3	98.5	8835	B2U3G3	100.4	9095	B3U3G2	103.4	88
24L27T_-MDL014	7765	B2U3G2	88.2	7840	B3U3G3	89.1	7985	B2U3G3	90.7	8225	B3U3G2	93.5	88
16L40T_-MDL014	6145	B2U3G2	104.2	6160	B2U3G2	104.4	6210	B2U3G3	105.3	6395	B3U3G2	108.4	59
16L30T_-MDL014	5860	B2U3G2	99.3	5875	B2U3G2	99.6	5920	B2U3G3	100.3	6095	B3U3G2	103.3	59
16L27T_-MDL014	5295	B2U3G2	89.7	5310	B2U3G2	90.0	5355	B2U3G3	90.8	5515	B3U3G2	93.5	59
12L40T_-MDL014	4685	B2U3G2	101.8	4695	B2U3G2	102.1	4770	B1U3G2	103.7	4895	B2U3G1	106.4	46
12L30T_-MDL014	4465	B2U3G2	97.1	4475	B2U3G2	97.3	4550	B1U3G2	98.9	4665	B2U3G1	101.4	46
12L27T_-MDL014	4040	B2U3G2	87.8	4045	B2U3G2	87.9	4110	B1U3G2	89.3	4220	B2U3G1	91.7	46
12L40T_-MDL008	2840	B1U3G1	105.2	2845	B1U3G1	105.4	2905	B1U3G1	107.6	2980	B2U3G1	110.4	27
12L30T_-MDL008	2710	B1U3G1	100.4	2715	B1U3G1	100.6	2770	B1U3G1	102.6	2840	B2U3G1	105.2	27
12L27T_-MDL008	2450	B1U3G1	90.7	2455	B1U3G1	90.9	2505	B1U3G1	92.8	2570	B2U3G1	95.2	27

Options



Solid Roof with NEMA Receptacle
(SRR7)



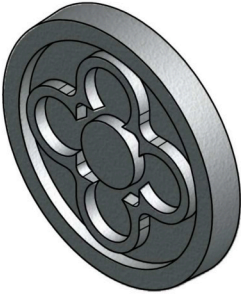
Button Photocell (PEC)



Fixed Dimming Resistor Board
(FDRB)



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



Custom Logo (Example) (CL)

Fitters



5P Fitter
10-1/8" W x 10-3/8" H
Fits 3" OD x 3" tall tenon/pole



990 (or 994) Utility Fitter
10-1/2" W x 15-3/4" H
Fits 3" (or 4") 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



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



993 (or 995) Utility Fitter
10-1/2" W x 15-3/4" H
Fits 3" (or 4") OD x 3" tall tenon/pole



BD4 Fitter
10-1/8" 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



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



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

Recommended Arms

An assortment of alternate arms are also available



(480) Arm



(478) Arm



(6236) Arm



(TA) Arm

Utility Fitter Details

Optional Accessories

990 Utility Fitter

