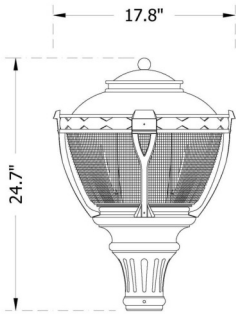


Project Name

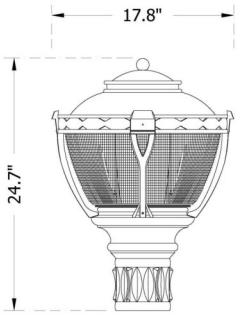
Qty

Type

Catalog / Part Number



A14LED-5P



A14LED-BD4

7 Year Warranty

Mounting Configuration

Wall Mount

Post Top

1 Arm Mount

1 Arm & Post Top

2 Arm Mount @ 180°

2 Arm Mount @ 90°

2 Arm @ 180° & Post Top

3 Arms @ 120°

3 Arms @ 90°

3 Arm @ 120° & Post Top

4 Arms @ 90°

4 Arm @ 90° & Post Top

1 Arm Mid-Mount

2 Arm Mid-Mount @ 180°

Pier Base

Description

The A14LED Roadway series is a unique stylized cage acorn luminaire which consists of a decorative cast aluminum fitter, cage, hinged roof and high efficiency prismatic acrylic acorn. It shall be appointed with a cast aluminum decorative ball finial.

EPA: .79 (ft²) | WEIGHT: 25 LBS

Features

Mounting Configuration

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: 2 Arm @ 180° & Post Top

3A: 3 Arms @ 120°

3A90: 3 Arms @ 90°

3APT: 3 Arm @ 120° & Post Top

4A: 4 Arms @ 90°

4APT: 4 Arm @ 90° & Post Top

1AM: 1 Arm Mid-Mount

2AM: 2 Arm Mid-Mount @180°

450PB: Pier Base

Optional Control Receptacle

R7: 7-Pin control receptacle only

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

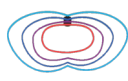
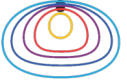
FHD: Double Fuse and Holder

Optional House Side Shield

HSS: 120° House Side Shield

Optional Fixed Dimming Resistor Board

FDRB: Fixed Dimming Resistor Board

Finish			Physical		
 Black Textured  White Textured  Park Green Textured  Arch Medium Bronze Textured  Dark Bronze Textured			FixtureA14LED: Roadway Fitter5P: Slip fit 3" 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		
 Verde Green  Swedish Iron  Old World Gray Textured  Old Iron  Rust			LensA: Acrylic Clear Teardrop FinishBKT: Black Textured WHT: White Textured PGT: Park Green Textured ABZT: Arch Medium Bronze Textured DBT: Dark Bronze Textured VG: Verde Green SI: Swedish Iron OWGT: Old World Gray Textured OI: Old Iron RT: Rust WBR: Weathered Brown CD: Cedar WBK: Weathered Black TT: Two Tone CM: Custom Match		
 Weathered Cedar Brown  Weathered Black  Two Tone  Custom Match					
CCT - Color Temp (K)			Light Source		
 2,700K  3,000K  3,500K  4,000K  5,000K			LED4L: 4 LEDs CCT - Color Temp (K)27: 2,700K 30: 3,000K 35: 3,500K 40: 4,000K 50: 5,000K		
Distribution Type					
 Type 3  Type 4  Type 5			Distribution TypeT3: Type 3 T4: Type 4 T5: Type 5		
Certifications			Electrical and control		
			DriverMDL02: 120V-277V, 250mA MDH02: 347V-480V, 250mA MDL03: 120V-277V, 350mA MDH03: 347V-480V, 350mA MDL05: 120V-277V, 500mA MDH05: 347V-480V, 500mA		

How to Order

Mounting Configuration (1)	Fixture	Fitter	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 2 Arm @ 180° & Post Top 3A 3 Arms @ 120° (2) 3A90 3 Arms @ 90° 3APT 3 Arm @ 120° & Post Top (2) 4A 4 Arms @ 90° 4APT 4 Arm @ 90° & Post Top 1AM 1 Arm Mid-Mount 2AM 2 Arm Mid-Mount @180° 450PB Pier Base (3)	A14LED Roadway	5P Slip fit 3" 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	4L 4 LEDs	27 2,700K 30 3,000K 35 3,500K 40 4,000K 50 5,000K	T3 Type 3 T4 Type 4 T5 Type 5	MDL02 120V-277V, 250mA MDH02 347V-480V, 250mA MDL03 120V-277V, 350mA MDH03 347V-480V, 350mA MDL05 120V-277V, 500mA MDH05 347V-480V, 500mA	A Acrylic Clear Teardrop

Notes:

1. Use 3" fitter for arm applications.

2. Only available with a round profile pole.

3. For use with 3" fitters only

How to Order

Optional Control Receptacle ⁽⁴⁾ ₍₅₎	Optional Control	Optional Fuse ⁽⁸⁾	Optional House Side Shield ⁽⁹⁾	Optional Fixed Dimming Resistor Board ⁽⁷⁾	Finish
R7 7-Pin control receptacle only	PE Twist-Lock Photocontrol (120V-277V) ⁽⁶⁾ PE4 Twist-Lock Photocontrol (347V-480V) ⁽⁶⁾ SC Shorting Cap ⁽⁶⁾ PEC Electronic Button Photocontrol (120V-277V) ⁽⁷⁾ PEC4 Electronic Button Photocontrol (480V) ⁽⁷⁾	FHD Double Fuse and Holder	HSS 120° House Side Shield	FDRB Fixed Dimming Resistor Board	BKT Black Textured ⁽¹⁰⁾ WHT White Textured ⁽¹⁰⁾ PGT Park Green Textured ⁽¹⁰⁾ ABZT Arch Medium Bronze Textured ⁽¹⁰⁾ DBT Dark Bronze Textured ⁽¹⁰⁾ VG Verde Green SI Swedish Iron OWGT Old World Gray Textured OI Old Iron ⁽¹¹⁾ RT Rust ⁽¹¹⁾ WBR Weathered Brown ⁽¹¹⁾ CD Cedar ⁽¹¹⁾ WBK Weathered Black ⁽¹¹⁾ TT Two Tone ⁽¹¹⁾ CM Custom Match ⁽¹¹⁾

- Notes:
4. Externally mounted on roof in lieu of ball finial.

5. Not for use with FDRB.

6. Requires control receptacle.

7. Not for use with R7.

8. Ships loose for installation in base.

9. Not for use with T5 optic.

10. Smooth finishes are available upon request.

11. Custom colors require upcharge.

Specifications

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.
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	Includes a molded high efficiency prismatic acrylic acorn that includes prisms that distribute the light downward while offering glare mitigation.
Serviceability	Tool-less access to the driver compartment for ease of installation and maintenance. Easy access to service the lens in the field.
UL Listing	UL listed per UL1598 and CSA 22.2 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.

LEDs	The LEDs in this system will be mounted vertically. They fully illuminate the luminaire and allow some up-light for vertical illumination. The luminaire shall use high output, high brightness LEDs, consisting of a two piece assembly complete with Chip on Board (COB) LED component and COB holder frame. 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 LED's 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 LEDs shall be 4000K (2700K, 3000K, 3500K or 5000K option) correlated color temperature (CCT) with a 70 (minimum) color rendering index (CRI). Consult factory for custom color CCT. The luminaire shall have a minimum _____ (see table) delivered initial lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F). CCT Lumen Derate Values from 4,000K 2,700K (80+ CRI)=.88 3,000K (70+ CRI)=.97 3,500K (80+ CRI)=.93 5,000K (70+ CRI)=1.01
Optics	The luminaire shall be provided with refractor type optics from the external prismatic acorn lens. The luminaire shall provide Type ____ (3, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.
Backlight Optical Control	An optional INTERNAL 120° House Side Shield helps control backlight.
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.

Lumen Chart(s)

Model #	T3 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T4 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T5 DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
4L40T_-MDL05	4600	B2U3G2	61.3	3895	B2U3G2	51.9	3945	B3U3G1	52.6	75
4L30T_-MDL05	4455	B2U3G2	59.4	3775	B2U3G2	50.3	3820	B3U3G1	50.9	75
4L27T_-MDL05	4050	B2U3G2	54.0	3430	B2U3G2	45.7	3475	B3U3G1	46.3	75
4L40T_-MDL03	3600	B1U3G2	65.5	3050	B2U3G2	55.5	3070	B2U3G1	55.8	55
4L30T_-MDL03	3485	B1U3G2	63.4	2955	B2U3G2	53.7	2975	B2U3G1	54.1	55
4L27T_-MDL03	3170	B1U3G2	57.6	2685	B2U3G2	48.8	2705	B2U3G1	49.2	55
4L40T_-MDL02	2665	B1U3G1	66.6	2250	B1U3G1	56.3	2265	B2U3G1	56.6	40
4L30T_-MDL02	2580	B1U3G1	64.5	2180	B1U3G1	54.5	2195	B2U3G1	54.9	40
4L27T_-MDL02	2345	B1U3G1	58.6	1980	B1U3G1	49.5	1995	B2U3G1	49.9	40

Fitters



5P Fitter
10-1/8" W x 10-3/8" H
Fits 3" 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

Options



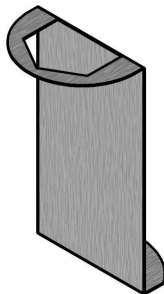
Button Photocell (**PEC**)



7-Pin NEMA Twist-Lock Receptacle,
mounted on roof (**R7**)



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



House Side Shield (**HSS**)