



A14LED ROADWAY SERIES

LED

EPA
0.79 (ft²)
WEIGHT
25 LBS

7 YEAR
WARRANTY

LUMEN
RANGE
1,975 to
4,600

LIFE SPAN
L70
MINIMUM
100,000
HOURS

UL
LISTED

CLICK
FOR FAQ'S

JOB NAME _____

FIXTURE TYPE _____

MEMO _____

BUILD A PART NUMBER

ORDERING EXAMPLE: **2A-A14LED-5P-4L40T3-MDLO5-A-PEC-FHD/480PM/4212FP4/FCC/BKT**

Mounting Config.	Fixture	Fitter	LED	CCT	Type	Driver	Lens	Option Control Receptacle	Option Control	Option Fuse	Option House Side Shield	Arm <small>See Arm Spec Sheets</small>	Pole <small>See Pole Spec Sheets</small>	Finish

Mounting Configuration

[\(Click here to link to mounting configuration specification page\)](#)

- 1W • 2A • 3A90 • 1AM
- PT • 2A90 • 3APT • 2AM
- 1A • 2APT • 4A • 45OPB
- 1APT • 3A • 4APT

W = Wall Mount PT = Post Top A = Arm Mount AM = Arm Mid-Mount PB = Pier Base

Fixture

- A14LED

Fitter

- 5P • BD4 • BD5 • BD7

LED

- 4L

CCT - Color Temperature (K)

- 27(00) • 30(00) • 35(00) • 40(00) • 50(00)

Type

- T3 • T4 • T5

Driver

- MDLO2 (120V-277V, 250mA)
- MDLO3 (120V-277V, 350mA)
- MDLO5 (120V-277V, 500mA)
- MDHO2 (347V-480V, 250mA)
- MDHO3 (347V-480V, 350mA)
- MDHO5 (347V-480V, 500mA)

Lens

- A (Acrylic Lens)

Options [\(Click here to view accessories sheet\)](#)

- R7¹ 7-Pin control receptacle only
- PE² Twist-Lock Photocontrol (120V-277V)
- PE3² Twist-Lock Photocontrol (347V)
- PE4² Twist-Lock Photocontrol (480V)
- SC² Shorting Cap
- PEC Electronic Button Photocontrol (120V-277V)
- PEC4 Electronic Button Photocontrol (480V)
- FHD³ Double Fuse and Holder
- HSS 120° House Side Shield

¹ Externally mounted on roof in lieu of ball finial.

² Requires control receptacle.

³ Ships loose for installation in base.

Arm [\(Click here to link to arm specification page\)](#)

See Arms & Wall Brackets specification sheets.

- 50 • 80 • 779 • TA
- 478 • 480 • 6236 • TASC
- 70 • 55 • 579 • BA

Pole [\(Click here to link to pole specification page\)](#)

See Pole specification sheets.

Finish

Standard Finishes⁴

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

⁴ Smooth finishes are available upon request

Custom Finishes⁵

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

⁵ Custom colors require upcharge.

Sternberg Select Finishes

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

Specifications

Fixture

The Roadway series is a stylized cage acorn fixture 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. The Luminaire shall be UL approved in US and Canada.

Fitter

The fitter shall be heavy wall cast aluminum, 356 alloy for high tensile strength. When ordered with a Sternberg aluminum pole, the fitter shall be welded to the pole top or tenon for

safety and to ensure the fixture will be plumb, secure and level over the life of the installation. The fitter shall have a one-piece ring bug gasket to resist insect penetration into lamp assembly.

LED's

The luminaire shall use high output, high brightness LED's. The Chip on Board (COB) LED components are mounted to vertical heat sinks. The LED's and printed circuit boards shall be 100% recyclable; they shall also be protected from moisture and corrosion by a conformal coating of 1 to 3 mils. They shall not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. The LED life rating data shall be determined in accordance with IESNA LM-80. The High Performance white LED's will have a life expectancy of approximately 100,000 hours with not less than 70% of original brightness (lumen maintenance), rated at 25°C. The High Brightness, High Output LED's shall be 4000K (2700K, 3000K, 3500K or 5000K option) color temperature with a minimum CRI of 70. 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).

Optics

The luminaire shall be provided with refractor type optics from external prismatic acorn. Testing shall be done in accordance with IESNA LM-79.

Electronic Drivers

The LED driver shall be U.L. Recognized. It shall be securely mounted inside the fixture, for optimized performance and longevity. It shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. It shall have overload, overheat and short circuit protection, and have a DC voltage output, constant current design, 50/60HZ. It shall be supplied with line-ground, line-neutral

See next page

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LED

and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It shall be a high efficiency driver with a THD less than 20% and a high power factor greater than .9. It shall be dimming capable using a 0-10v signal, consult factory for more information.

Photocontrols

Button Style: On a single assembly the photocontrol shall be mounted on the fixture and pre-wired to driver. On multiple head assembly's the photocontrol shall be mounted in the

pole shaft on an access plate. The electronic button type photocontrol is instant on with a 5-10 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. Photocontrol is 120-277 volt and warranted for 6 years.

Twist-Lock Style: The photocontrol shall be mounted externally on the fixture and pre-wired 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 turn-off at 2-3 footcandles. Photocontrol is 120-277 volt and warranted for 6 years.

Warranty

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

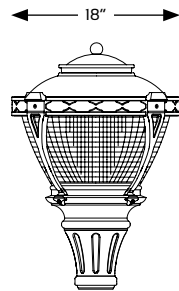
Finish

Refer to website for details.

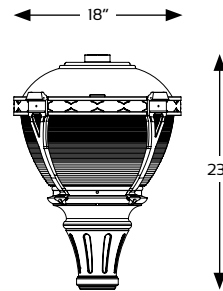
Performance

LIGHT SOURCE	T3 INITIAL LUMENS	EFFICACY (LPW)	T4 INITIAL LUMENS	EFFICACY (LPW)	T5 INITIAL LUMENS	EFFICACY (LPW)	WATTAGE
4L27T_-MDL05	4030	53.7	3415	45.5	3455	46.1	75
4L30T_-MDL05	4450	59.3	3770	50.3	3820	50.9	75
4L40T_-MDL05	4600	61.3	3895	51.9	3945	52.6	75
4L27T_-MDL03	3155	57.4	2675	48.6	2690	48.9	55
4L30T_-MDL03	3485	63.4	2955	53.7	2970	54.0	55
4L40T_-MDL03	3600	65.5	3050	55.5	3070	55.8	55
4L27T_-MDL02	2335	58.4	1975	49.4	1985	49.6	40
4L30T_-MDL02	2580	64.5	2180	54.5	2195	54.9	40
4L40T_-MDL02	2665	66.6	2250	56.3	2265	56.6	40

Fixtures



A14LED-5P



A14LED-R7

Fitters

10-1/8" W
10-3/8" H



5P
Fits 3" OD
x 3" tall
tenon/pole

10-1/8" W
10-1/8" H



BD4
Fits 4" OD
x 5" tall
tenon/pole

10-1/8" W
10-1/4" H



BD5
Fits 5" OD
x 6" tall
tenon/pole

10-1/8" W
11-3/4" H



BD7
Fits 7" OD
x 1" tall
tenon/pole