



Consistent with LEED® goals
& Green Globes™ criteria
for light pollution reduction

Autobahn Series ATBS

Roadway & Security Lighting

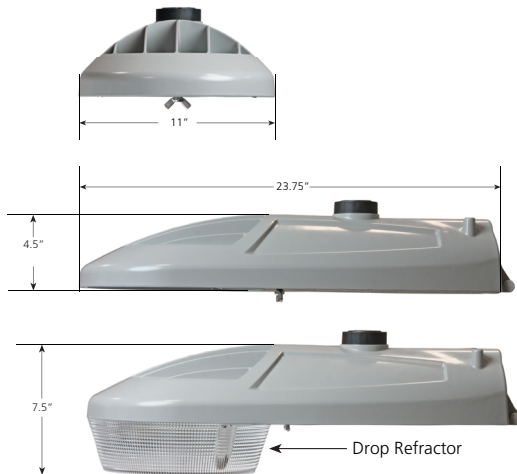
PRODUCT OVERVIEW



Applications:

Residential streets
Parking lots
General security lighting

DIMENSIONS



Effective Projected Area (EPA) The EPA for the ATBS is 0.3 sq. ft.,
Approx. Wt. = 12 lbs. (5 kg)

STANDARDS

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Color temperatures of $\leq 3000\text{K}$ must be specified for International Dark-Sky Association certification.

Rated for -40°C to 40°C ambient

CSA Certified to U.S. and Canadian standards

Complies with ANSI: C136.2, C136.10, C136.14, C136.31, C136.15, C136.37

Features:

OPTICAL

Same Light: Performance is comparable to 50W – 150W HPS and up to 175W Mercury Vapor roadway and security lighting luminaires.

White Light: Correlated color temperature - 4000K, 70 CRI minimum, 3000K, 70 CRI minimum or optional 5000K, 70 CRI minimum.

IP66 rated borosilicate glass optics ensure longevity and minimize dirt depreciation. Unique IP66 rated LED light engines provide 0% uplight and restrict backlight to within sidewalk depth, providing optimal application coverage and optimal pole spacing.

Available distributions are Type II, III, and V roadway distributions. When used with the optional acrylic refractor the unit provides approximately 10% uplight and increased vertical foot-candles

ELECTRICAL

Expected Life: LED light engines are rated $>100,000$ hours at 25°C , L70. Electronic driver has an expected life of 100,000 hours at a 25°C ambient.

Lower Energy: Saves an expected 40-60% over comparable HID luminaires.

Robust Surge Protection: Three different surge protection options provide a minimum of ANSI C136.2 10kV/5kA protection. 20kV/10kA surge protection is also available.

MECHANICAL

Includes standard AEL lineman-friendly features such as tool-less entry, 3 station terminal block and quick disconnects. Bubble level located inside the electrical compartment for easy leveling at installation.

Rugged die-cast aluminum housing and door are polyester powder-coated for durability and corrosion resistance. Rigorous five-stage pre-treating and painting process yields a finish that achieves a scribe creepage rating of 8 (per ASTM D1654) after over 5000 hours exposure to salt fog chamber (operated per ASTM B117).

Mast arm mount is adjustable for arms from 1-1/4" to 2" (1-5/8" to 2-3/8" O.D.) diameter. The 2 – bolt clamping mechanism provides 3G vibration rating per ANSI C136.

The Wildlife shield is cast into the housing (not a separate piece).

CONTROLS

NEMA 3 pin photocontrol receptacle is standard, with the Acuity designed ANSI standard 5 pin and 7 pin receptacles optionally available.

Premium solid state locking-style photocontrol – PCSS (10 year rated life) Extreme long life solid state locking-style photocontrol – PCL1 (20 year rated life)

Optional onboard Adjustable Output module allows the light output and input wattage to be modified to meet site specific requirements, and also can allow a single fixture to be flexibly applied in many different applications.

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

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ORDERING INFORMATION

Example: ATBS A MVOLT R2

Series	Performance Packages	Voltage	Optics
ATBS Autobahn LED Roadway & Security	A 2,500 lumens B 3,200 lumens C 3,800 lumens E 4,700 lumens F 5,400 lumens G 6,100 lumens H 7,100 lumens I 8,500 lumens	MVOLT Multi-volt, 120-277V	R2 Roadway Type II R3 Roadway Type III R5 Roadway Type V D2 Type II, Drop Refractor included D3 Type III, Drop Refractor included D5 Type V, Drop Refractor included
Options			
<u>Color Temperature (CCT)</u> (Blank) 4000K CCT, 70 CRI Min. 3K 3000K CCT, 70 CRI Min. 5K 5000K CCT, 70 CRI Min.	XL Not CSA Certified <u>Controls</u> (Blank) 3 Pin NEMA Photocontrol Receptacle NR¹ No Photocontrol Receptacle DM² 0V-10V Dimmable Driver P5 5 Pin Photocontrol Receptacle (dimmable driver included) P7 7 Pin Photocontrol Receptacle (dimmable driver included) PCSS¹ DTL DSS Photocontrol PCL1¹ DTL DLL Photocontrol 120-277V AO Field Adjustable Output SH Shorting Cap <u>Install Packages</u> PKGS DTL DSS Photocontrol PKGL DTL DLL Photocontrol Packages ship with selected photocontrol, 24", 1 1/4" diameter arm, 5' of prewire and mounting hardware	<u>Accessories</u> ATBSREF Drop Refractor for field installation ATBSHSS House Side Shield for field installation ATBSLTS Light Trespass Shield for field installation	
<u>Paint</u> Blank Gray (Standard) BK Black WH White BZ Bronze			
<u>Surge Protection</u> Standard 10kV/5kA SPD Blank Acuity SPD-10kV/5kA with inductive filter (Standard) 20 20kV/10KA SPD MP MOV Pack IL SPD with Indicator Light			
<u>Misc.</u> HSS House Side Shield NL NEMA Label			

Notes

1. Not available with Install Packages.
2. Not available with AO option.



AEL Headquarters, 3825 Columbus Road, Granville, OH 43023
www.americanelectriclighting.com

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Warranty Five-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx
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Please contact your sales representative for the latest product information.

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PERFORMANCE PACKAGE

Performance Package	Distribution	Lumens	Input Watts	LPW	50K Hours	LLD @ 25°C 75K Hours	100K Hours
A	R2	2,514	19	132	0.93	0.89	0.85
	R3	2,515		132			
	R5	2,649		139			
	D2	2,394		126			
	D3	2,372		125			
	D5	2,521		133			
B	R2	3,166	24	132	0.93	0.89	0.85
	R3	3,167		132			
	R5	3,336		139			
	D2	3,015		126			
	D3	2,988		124			
	D5	3,175		132			
C	R2	3,784	31	122	0.93	0.89	0.85
	R3	3,780		122			
	R5	4,029		130			
	D2	3,604		116			
	D3	3,566		115			
	D5	3,835		124			
E	R2	4,770	40	119	0.93	0.89	0.85
	R3	4,704		118			
	R5	4,867		122			
	D2	4,543		114			
	D3	4,438		111			
	D5	4,650		116			
F	R2	5,392	47	115	0.93	0.89	0.85
	R3	5,407		115			
	R5	5,175		110			
	D2	5,135		109			
	D3	5,101		109			
	D5	5,051		107			
G	R2	6,235	50	125	0.94	0.92	0.90
	R3	6,101		122			
	R5	6,404		128			
	D2	5,938		119			
	D3	5,756		115			
	D5	6,193		124			
H	R2	7,194	60	120	0.94	0.92	0.90
	R3	7,141		119			
	R5	7,508		125			
	D2	6,851		114			
	D3	6,737		112			
	D5	7,150		119			
I	R2	8,653	76	114	0.94	0.92	0.90
	R3	8,525		112			
	R5	9,003		118			
	D2	8,241		108			
	D3	8,042		106			
	D5	8,574		113			

Note: Information shown above is based on 4000K nominal system data. Individual fixture performance may vary. Specifications subject to change without notice.



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