



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

Autobahn Series ATBM Roadway

PRODUCT OVERVIEW



Applications:

- Residential streets
- Parking lots
- High speed roadways

DIMENSIONS

Effective Projected Area (EPA)
The EPA for the ATBM is 0.3 sq. ft.,
Approx. Wt. = 21 lbs. (9.5 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 150W – 250W HPS

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, IV, & V roadway distributions.

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 and optional 4 bolt clamping mechanism provide 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).

Extreme long life solid state locking-style photocontrol with on demand remote on/off control - PCCC (15 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.

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ORDERING INFORMATION

Example: ATBM A MVOLT R2

Series	Performance Packages	Voltage	Optics	Mounting
ATBM Autobahn LED Roadway	A 7,000 lumens B 8,000 lumens C 9,000 lumens D 11,600 lumens E 13,400 lumens F 15,700 lumens G 16,600 lumens H 17,400 lumens	MVOLT Multi-volt, 120-277V 347 347V 480 480V	R2 Roadway Type II R3 Roadway Type III R4 Roadway Type IV R5 Roadway Type V	(Blank) 2 Bolt Mounting 4B 4 Bolt Mounting

Options	
<u>Color Temperature (CCT)</u> (Blank) 4000K CCT, 70 CRI Min. 3K 3000K CCT, 70 CRI Min. 5K 5000K CCT, 70 CRI Min.	<u>Control Options</u> (Blank) 3 Pin NEMA Photocontrol Receptacle P5 5 Pin Photocontrol Receptacle (dimnable driver included) ² P7 7 Pin Photocontrol Receptacle (dimnable driver included) ² NR No Photocontrol Receptacle ³ AO Field Adjustable Output ⁴ DM 0-10V Dimmable Driver ⁵ PCSS Solid-State Lighting Photocontrol ⁶ PCLL Solid-State Long Life Photocontrol PCCC Solid-State Long Life Photocontrol with remote control on/off ⁷ SH Shorting Cap
<u>Paint</u> (Blank) Gray BK Black BZ Bronze DDB Dark Bronze GI Graphite WH White	<u>Packages</u> (Blank) Standard Pack JP Job Pack (36/pallet)
<u>Surge Protection</u> (Blank) Acuity SPD 20 20kV/10KA SPD ⁸ MP MOV Pack ¹ IL SPD with Indicator Light ¹	<u>Accessories</u> ATBMHSS House Side Shield ATBMLTS Light Trespass Shield RKATBMMVOLTSPD ATBM Acuity SPD Replacement Kit MVOLT RKATBMHVSPD ATBM Acuity SPD Replacement Kit 347/480V RKATBMMVOLTMP ATBM MOV Pack Replacement Kit RKATBMMVOLTIL ATBM IL SPD Replacement Kit
<u>Miscellaneous Options</u> HSS House Side Shield NL NEMA Label Indicating Wattage XL Not CSA Certified – No Terminal Block Cover	

Notes:

- 1 Not available with G and H performance packages.
- 2 Dimmable Driver included. Not available with DM or NR.
- 3 Not available with P5, P7.
- 4 Not available with DM.
- 5 Controls by others. Not available with AO.
- 6 MVOLT only.
- 7 Not available with PCSS or PCLL.
- 8 Not available with G & H packages at 347/480 volts.



AEL Headquarters, 3825 Columbus Road, Granville, OH 43023
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Warranty Five-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomResources/Terms_and_conditions.aspx
 Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

Please contact your sales representative for the latest product information.

ATBM

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P E R F O R M A N C E P A C K A G E

Performance Package	Distribution	Input Watts	3K (3000K CCT, 70 CRI)					4K/5K (4000K/5000K CCT, 70 CRI)					LLD @ 25°C		
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	25k Hours	75k Hours	100k Hours
			A	R2	60	6,686	111	1	0	2	7,113	119	1	0	2
R3	6,603	110		1		0	2	7,024	117	1	0	2			
R4	6,540	109		1		0	2	6,957	116	1	0	2			
R5	7,020	117		3		0	1	7,468	124	3	0	1			
B	R2	70	7,604	109	1	0	2	8,089	116	1	0	2	0.89	0.84	0.80
	R3		7,535	108	1	0	2	8,016	115	1	0	2			
	R4		7,449	106	1	0	2	7,924	113	1	0	2			
	R5		8,017	115	3	0	1	8,528	122	3	0	1			
C	R2	81	8,489	105	1	0	2	9,031	111	1	0	2	0.89	0.84	0.80
	R3		8,406	104	1	0	2	8,942	110	1	0	2			
	R4		8,298	102	1	0	2	8,827	109	1	0	3			
	R5		8,946	110	3	0	1	9,517	117	3	0	1			
D	R2	95	11,063	116	2	0	3	11,770	124	2	0	3	0.90	0.87	0.84
	R3		10,988	116	1	0	3	11,689	123	2	0	3			
	R4		10,842	114	2	0	3	11,534	121	2	0	3			
	R5		11,644	123	3	0	2	12,387	130	3	0	2			
E	R2	115	12,786	111	2	0	3	13,602	118	2	0	3	0.90	0.87	0.84
	R3		12,611	110	2	0	3	13,416	117	2	0	3			
	R4		12,525	109	2	0	3	13,325	116	2	0	3			
	R5		13,407	117	3	0	2	14,263	124	3	0	2			
F	R2	133	14,977	113	2	0	3	15,933	120	2	0	3	0.90	0.86	0.83
	R3		14,797	111	2	0	3	15,741	118	2	0	3			
	R4		14,548	109	2	0	3	15,476	116	2	0	3			
	R5		15,690	118	3	0	2	16,691	125	4	0	2			
G	R2	150	16,076	107	2	0	3	17,102	114	2	0	3	0.90	0.86	0.83
	R3		15,956	106	2	0	3	16,974	113	2	0	3			
	R4		15,637	104	2	0	3	16,635	111	2	0	3			
	R5		16,862	112	4	0	2	17,938	120	4	0	2			
H	R2	164	17,000	104	2	0	3	18,085	110	2	0	3	0.90	0.86	0.83
	R3		16,854	103	2	0	3	17,930	109	2	0	3			
	R4		16,393	100	2	0	3	17,439	106	2	0	3			
	R5		17,828	109	4	0	2	18,966	116	4	0	2			

Note: Individual fixture performance may vary. Specifications subject to change without notice.



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