



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

400MV, 400HPS

Autobahn Series ATBL Roadway

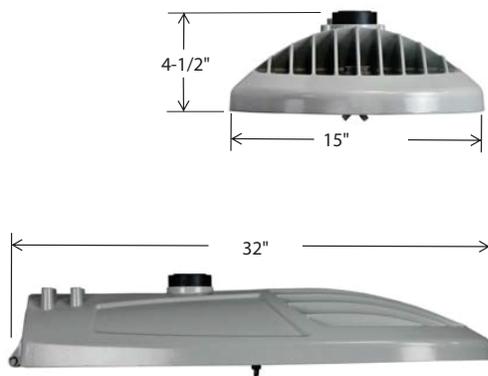
PRODUCT OVERVIEW



Applications:

Residential streets
Parking lots
High speed roadways

DIMENSIONS



Effective Projected Area (EPA)
The EPA for the ATBL is 0.75 sq. ft.,
Approx. Wt. = 30 lbs. (13.6 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 250W – 400W 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, IIN, 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 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 – PCLL (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.

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

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ORDERING INFORMATION

Example: ATBL A MVOLT R2

ATBL		D		MVOLT		R2		Mounting	
Series		Performance Packages		Voltage		Optics		Mounting	
ATBL	Autobahn LED Roadway	A	19,000 lumens	MVOLT	Multi-volt, 120-277V	N2	Roadway Type II, Narrow	(Blank)	2 Bolt Mounting
		B	21,000 lumens	347	347V	R2	Roadway Type II	4B	4 Bolt Mounting
		C	22,000 lumens	480	480V	R3	Roadway Type III		
		D	25,000 lumens			R4	Roadway Type IV		
		E	27,000 lumens			R5	Roadway Type V		
		F	29,000 lumens						
		G	30,000 lumens						

3K 20 NL P7

Color Temperature (CCT)

- (Blank)** 4000K CCT, 70 CRI Min.
- 3K** 3000K CCT, 70 CRI Min.
- 5K** 5000K CCT, 70 CRI Min.

Paint

- (Blank)** Gray
- BK** Black
- BZ** Bronze
- DDB** Dark Bronze
- GI** Graphite
- WH** White

Surge Protection

- (Blank)** Standard 10kA/5kV SPD
- 20** 20kV/10kA SPD
- MP** MOV Pack - 10kA/5kV SPD
- IL** SPD with Indicator Light 10kA/5kV SPD¹

Miscellaneous Options

- HSS** House Side Shield
- NL** NEMA Label Indicating Wattage
- PT** Power Tray
- XL** Not CSA Certified – No Terminal Block Cover

Control Options

- (Blank)** 3 Pin NEMA Photocontrol Receptacle
- P5** 5 Pin Photocontrol Receptacle (dimmable driver included)¹
- P7** 7 Pin Photocontrol Receptacle (dimmable driver included)¹
- NR** No Photocontrol Receptacle²
- AO** Field Adjustable Output¹
- DM** 0-10V Dimmable Driver³
- PCSS** Solid-State Lighting Photocontrol⁴
- PCLL** Solid-State Long Life Photocontrol
- PCCC** Solid-State Long Life Photocontrol with remote control on/off
- SH** Shorting Cap⁵

Packages

- (Blank)** Standard Pack
- JP** Job Pack (24 per pallet)

Notes:

1. Dimmable Driver included. Not available with DM.
2. Not available with P5 or P7.
3. Controls by Others. Not available with AO.
4. MVOLT only.
5. Not available with PCSS or PCLL.

For Accessories see next page.



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
Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Please contact your sales representative for the latest product information.

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ORDERING INFORMATION

Accessories (order separately)

ATBLHSS	House Side Shield
ATBL LTS	Light Trespass Shield
RKATBLMVOLTSPD	ATBL Acuity SPD Replacement Kit MVOLT
RKATBLHVSPD	ATBL Acuity SPD Replacement Kit 347/480V
RKATBLMVOLT20	ATBL 20kV SPD Replacement Kit MVOLT
RKATBLHV20	ATBL 20kV SPD Replacement Kit 347/480V
RKATBLMVOLTMP	ATBL MOV Pack Replacement Kit MVOLT
RKATBLHVMP	ATBL MOV Pack Replacement Kit 347/480V
RKATBLMVOLTIL	ATBL IL SPD Replacement Kit
RKATBLUV-AC-20KV	ATBL (A,C) STD SPD / 20kV Replacement Power Tray MVOLT
RKATBLUV-B-20KV	ATBL (B) STD SPD / 20kV Replacement Power Tray MVOLT
RKATBLUV-D	ATBL (D) STD SPD Replacement Power Tray MVOLT
RKATBLUV-E	ATBL (E) STD SPD Replacement Power Tray MVOLT
RKATBLUV-F	ATBL (F) STD SPD Replacement Power Tray MVOLT
RKATBLUV-G	ATBL (G) STD SPD Replacement Power Tray MVOLT
RKATBLUV-D-20KV	ATBL (D) 20kV SPD Replacement Power Tray MVOLT
RKATBLUV-E-20KV	ATBL (E) 20kV SPD Replacement Power Tray MVOLT
RKATBLUV-F-20KV	ATBL (F) 20kV SPD Replacement Power Tray MVOLT
RKATBLUV-G-20KV	ATBL (G) 20kV SPD Replacement Power Tray MVOLT
RKATBLHV-AC-20KV	ATBL (A,C) STD SPD / 20kV Replacement Power Tray 347/480V
RKATBLHV-B-20KV	ATBL (B) STD SPD / 20kV Replacement Power Tray 347/480V
RKATBLHV-D-20KV	ATBL (D) STD SPD / 20kV Replacement Power Tray 347/480V
RKATBLHV-E-20KV	ATBL (E) STD SPD / 20kV Replacement Power Tray 347/480V
RKATBLHV-F-20KV	ATBL (F) STD SPD / 20kV Replacement Power Tray 347/480V
RKATBLHV-G-20KV	ATBL (G) STD SPD / 20kV Replacement Power Tray 347/480V



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PERFORMANCE PACKAGE

Performance Package	Distribution	4000 K CCT			LLD @ 25°C		
		Lumens	Input Watts	LPW	50K Hours	75K Hours	100K Hours
A	N2	19,456	170	114	0.96	0.94	0.92
	R2	18,961		112			
	R3	18,661		110			
	R4	17,927		105			
	R5	20,068		118			
B	N2	21,326	181	118	0.96	0.94	0.92
	R2	20,771		115			
	R3	20,513		113			
	R4	19,901		110			
	R5	22,034		122			
C	N2	22,883	200	114	0.96	0.94	0.92
	R2	22,289		111			
	R3	22,031		110			
	R4	21,309		107			
	R5	23,629		118			
D	N2	25,509	209	122	0.96	0.94	0.92
	R2	25,053		120			
	R3	24,068		115			
	R4	23,825		114			
	R5	26,592		127			
E	N2	28,024	238	118	0.96	0.94	0.92
	R2	27,527		116			
	R3	26,435		111			
	R4	26,220		110			
	R5	29,233		123			
F	N2	29,816	259	115	0.96	0.94	0.92
	R2	29,275		113			
	R3	28,091		108			
	R4	27,874		108			
	R5	31,089		120			
G	N2	31,342	279	112	0.95	0.93	0.92
	R2	30,591		110			
	R3	29,405		105			
	R4	29,208		105			
	R5	32,669		117			

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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