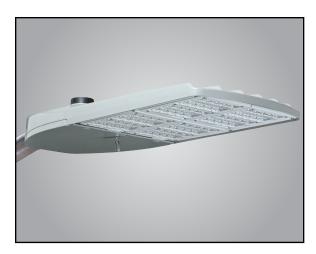






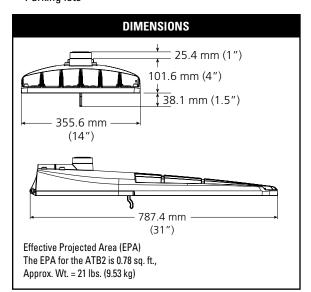


PRODUCT OVERVIEW



Applications:

Roadways Off ramps Residential streets Parking lots



STANDARDS

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

Color temperatures of \leq 3000K 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

GOVERNMENT PROCUREMENT — BAA – Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to $\underline{www.acuitybrands.com/buy-american}$ for additional information.

Note: Specifications subject to change without notice.

Features:

OPTICAL

The Autobahn's new molded silicone optics provide exceptional performance. Silicone optics are superior to other polymeric materials in the areas of; optical efficiency, thermal performance, and reduction in dirt accumulation, all of which can lead to long term lumen degradation and a shift in optical distribution. Also, because silicone allows for the molding of fine details as well as thick sections, it produces the most crisp, clean and well-defined lighting distributions available. Silicone optics paired with modern LED's allow the Autobahn to take full advantage of both technologies.

Same Light: Performance is comparable to 400-1000W HPS roadway luminaires.

White Light: Correlated color temperature - 4000K, or optional 2700K, 3000K or 5000K, all 70 CRI minimum.

Unique IP66 rated LED light engines provided 0% uplight and restrict backlight to within sidewalk depth, providing optimal application coverage and optimal pole spacing.

Available in Type II, III, IIIL, 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 average of 40-60% over comparable HPS platforms.

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

Luminaire ships with a 0-10v dimmable driver. Luminaire is continuous and step dimming capable via AO option or controls installed on P7 photocontrol receptacle option.

MECHANICAL

Easy to Maintain: 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 is 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 7 (per ASTM D1654) after over 5000 hours exposure to salt fog chamber (operated per ASTM B117).

Four-bolt mast arm mount is adjustable for arms from 1-1/4" to 2" (1-5/8" to 2-3/8" O.D.) diameter and provides a 3G vibration rating per ANSI C136.31. Wildlife shield is cast into the housing (not a separate piece).

CONTROLS

NEMA 3 Pin photocontrol receptacle is standard, with the Acuity designed ANSI 7 Pin receptacle optionally available.

Premium solid state locking sale photocontrol - PCSS (10 year rated life). Extreme long life sold state locking style photocontrol - PCLL (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 can also allow a single fixture to be flexibly applied in many different applications.



ORDERING INFORMATION



ATB2 Autobahn LED Roadway

LED Performance Package 26,192 lumens nominal **P901** 30,398 lumens nominal

29,188 lumens nominal **P902** 36,273 lumens nominal 33,062 lumens nominal 41,215 lumens nominal 36,305 lumens nominal 45,247 lumens nominal 39,786 lumens nominal **P905** 50,476 lumens nominal

BL External Bubble Level

Not CSA Certified

Buy America(n) Act

and/or Build America

Buy America Qualified

HSS House-Side Shield

NL Nema Label

HK Hingekeepers

XL

Voltage MVOLT

Multi-volt, 120V - 277V

347 347V 480 480V

XVOLT 277V-480V³

Optics Roadway Type II

Roadway Type III

R3L Roadway Type III Long

Roadway Type IV 2

Roadway Type V

Options

Color Temperature (CCT)

(Blank) 4000K CCT, 70 CRI Min.

27K 2700K CCT, 70 CRI Min.

3K 3000K CCT, 70 CRI Min.

5K 5000K CCT, 70 CRI Min.

Paint

(Blank) Gray (Standard)

> BK Black

ΒZ

DDB Dark Bronze

> GI Graphite

WH White

GN Green

Surge Protection

(Blank) Standard 20kV/10kA SPD

MP MOV Pack 10kV/5kA

Terminal Block

(Blank) Terminal Block (Standard)

Wired to L1 & L2 Positions

Controls.

(Blank) 3 Pin NEMA Photocontrol

Receptacle (Standard)

7 Pin Photocontrol Receptacle (Dimmable Driver Included)

No Photocontrol Receptacle

Field Adjustable Output

Solid State Lighting **PCSS** Photocontrol (120-277V)¹

PCLL Solid State Long Life Photocontrol

SH Shorting Cap

Packaging

(Blank) Single Unit (Standard)

JP Job Pack (42/Pallet)

Accessories:

External House Side Shields

ATB2P60XR2R3LR5HSS for use with P601 - P605, R2, R3L or R5

distribution

ATB2P60XR3HSS for use with P601 - P605, R3 distribution

ATB2P60XR4HSS for use with P601 - P605, R4

distribution

ATB2P90XR2R3LR5HSS for use with P901 - P905, R2, R3L or R5

distribution

ATB2P90XR3HSS for use with P901 - P905, R3 distribution

Light Trespass Shield

ATB2ULTS ATB2 Universal Light Trespass Shield

ATB Decorative Arms (cast aluminum)

UMR GALV

ATB2DECOS XX ATB Decorative Arm for Square Pole

ATB2DECOR XX ATR Decorative Arm for Round Pole

Painted to match fixture

Universal Arms (steel)

UMR XX 8" Horizontal Arm for Round Pole,

Painted to match Fixture (XX - Paint Color)

8" Horizontal Arm for Square Pole,

Painted to match Fixture (XX - Paint Color)

8" Horizontal Arm for Round Pole, Galvanized

UMS GALV 8" Horizontal Arm for Square Pole,

Galvanized

Notes

1. Not available in 347 or 480V.

2. Not available with P901 - P905 performance packages

3. XVOLT option only available with P601 and P602 performance packages

Warranty Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: 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.

PERFORMANCE PACKAGE

ATDO	Distribution	Input Watts	2700K		3000K		4000/5000K	
ATB2			Lumens	LPW	Lumens	LPW	Lumens	LPW
P601	R2	175	22,828	131	24,280	139	27,200	156
	R3		22,689	130	25,200	144	27,080	155
	R3L		21,844	125	22,513	129	23,761	136
	R4		23,376	135	23,760	136	24,770	143
	R5	1	23,291	135	23,810	138	24,680	143
	R2		24,983	126	26,610	135	30,060	152
P602	R3		24,831	126	27,770	142	30,020	153
	R3L	196	24,270	124	24,770	126	26,400	135
	R4		25,697	135	26,280	137	27,230	143
	R5		25,489	135	26,270	138	27,010	144
	R2		28,442	121	30,430	131	34,020	145
	R3	1	28,269	121	32,760	141	33,990	145
P603	R3L	233	27,087	116	28,050	120	29,464	126
	R4	1	29,359	124	29,800	126	31,110	132
	R5	1	29,019	125	29,850	127	30,750	132
	R2		31,060	118	33,130	126	37,050	140
	R3		30,871	118	35,670	136	36,950	141
P604	R3L	263	29,369	112	30,541	116	31,946	121
	R4	1	32,001	125	32,450	126	33,910	132
	R5		31,690	126	32,790	127	33,580	133
	R2	295	33,992	115	36,960	125	39,750	135
	R3		33,785	115	38,670	131	39,910	136
P605	R3L		31,867	108	33,149	112	34,663	118
	R4		34,728	120	35,430	122	36,800	127
	R5		34,681	121	35,130	122	36,750	128
	R2	199	27,147	137	28,470	143	30,430	154
D001	R3		26,982	135	29,040	146	31,350	157
P901	R3L		26,100	131	26,603	134	28,390	143
	R5	1	27,698	141	29,020	146	29,350	149
	R2	1	32,512	133	35,070	144	38,090	156
Book	R3	1 045	32,314	132	35,600	145	38,970	159
P902	R3L	245	31,000	127	31,344	128	33,720	138
	R5		33,171	137	33,740	138	35,150	145
	R2		37,007	131	39,380	140	42,990	152
Doop	R3	200	36,782	130	39,540	140	43,580	154
P903	R3L	282	35,238	125	35,154	125	38,330	136
	R5		37,758	134	37,860	134	40,010	142
	R2		40,420	127	43,410	137	47,220	148
p.c	R3	1	40,175	126	43,600	137	48,170	151
P904	R3L	319	38,327	120	38,078	119	41,690	131
	R5	1	41,240	132	41,420	132	43,700	140
	R2		44,573	121	48,390	132	52,380	142
Door	R3	000	44,303	120	48,560	132	53,940	146
P905	R3L	369	42,886	116	42,455	115	46,649	126
	R5		45,477	128	45,390	127	48,190	136

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

ATB2	15C	20C	25C	30C	35C	40C
LLD Multiplier	1.02	1.01	1.00	0.99	0.98	0.97

To calculate the LLD for a temperature other than 25°C, multiply the LLD @ 25°C (shown in the performance package table) by the LLD multiplier for the selected temperature.



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Note: 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.

PERFORMANCE PACKAGE

LLD @ 25°C

ATB2	R2, R3 Distributions 3000K & 4000K CCT			R2, R3 Distributions 2700K & 5000K CCT*			R3L, R4, & R5 Distributions Any CCT			
AIBE	50k Hours	75k Hours	100k Hours	50k Hours	75k Hours	100k Hours	50k Hours	75k Hours	100k Hours	
P601	0.96	0.94	0.93	0.92	0.88	0.85	0.92	0.88	0.85	
P602	0.96	0.94	0.93	0.92	0.88	0.85	0.92	0.88	0.85	
P603	0.96	0.94	0.93	0.91	0.87	0.84	0.91	0.87	0.84	
P604	0.96	0.94	0.93	0.91	0.87	0.83	0.91	0.87	0.83	
P605	0.96	0.94	0.93	0.90	0.86	0.82	0.90	0.86	0.82	
P901	0.96	0.94	0.93	0.91	0.88	0.84	0.91	0.88	0.84	
P902	0.96	0.94	0.93	0.91	0.87	0.83	0.91	0.87	0.83	
P903	0.96	0.94	0.93	0.90	0.86	0.82	0.90	0.86	0.82	
P904	0.96	0.94	0.93	0.90	0.86	0.82	0.90	0.86	0.82	
P905	0.96	0.94	0.93	0.89	0.84	0.79	0.89	0.84	0.79	

^{*} Also includes any custom (non-catalog) CCT

3.U.G. Ratings										
ATB2	Distribution	2700K			3000K			4000/5000K		
	R2	B	U	G	B	U 0	G	B	U	G
P601	R3	3	0	3	3	0	3	3	0	4
	R3L	3	0	4	3	0	4	3	0	4
	R4	3	0	4	3	0	4	3	0	4
	R5	5	0	3	5	0	3	5	0	3
	R2	3	0	3	3	0	3	3	0	3
	R3	3	0	3	3	0	4	3	0	4
P602	R3L	3	0	4	3	0	4	3	0	4
F 002	R4	3	0	4	3	0	4	3	0	4
	R5	5	0	3	5	0	3	5	0	3
	R2	3	0	3	3	0	3	4	0	4
	R3	3	0	4	3	0	4	3	0	4
P603	R3L	3	0	4	3	0	4	3	0	4
F 003	R4	3	0	5	3	0	5	3	0	5
	R5	5	0	4	5	0	4	5	0	4
	R2	3	0	3	4	0	4	4	0	4
	R3	3	0	4	3	0	4	3	0	4
P604	R3L	3	0	4	3	0	4	3	0	5
F004	R4	3	0	5	3	0	5	3	0	5
	R5	5	0	4	5	0	4	5	0	4
	R2	4	0	4	4	0	4	4	0	4
	R3	3	0	4	3	0	4	3	0	4
Dene		+	0	5		0	5	3	0	
P605	R3L R4	3	0	5	3	0	5	4	0	5 5
	R5	5	0	4	5	0	4	5	0	4
	R2	3	0	3	3	0	3	3	0	3
	R3	3	0	4	3	0	4	3	0	4
P901	R3L	3	0	4	3	0	4	3	0	4
	R5	5	0	3	5	0	4	5	0	4
	R2	4	0	4	4	0	4	4	0	4
	R3	3	0	4	3	0	4	3	0	4
P902	R3L	3	0	5	3	0	5	3	0	5
	R5	5	0	4	5	0	4	5	0	4
	R2	4	0	4	4	0	4	4	0	4
	R3	3	0	4	3	0	4	4	0	5
P903	R3L	4	0	5	4	0	5	4	0	5
	R5	5	0	4	5	0	4	5	0	4
	R2	4	0	4	4	0	4	4	0	4
	R3	3	0	4	4	0	5	4	0	5
P904	R3L	4	0	5	4	0	5	4	0	5
	R5	5	0	4	5	0	4	5	0	4
	R2	4	0	4	4	0	4	4	0	5
	R3	4	0	5	4	0	5	4	0	5
P905	R3L	4	0	5	4	0	5	4	0	5
	noL	4	U	J	4	U	J	4	U	0



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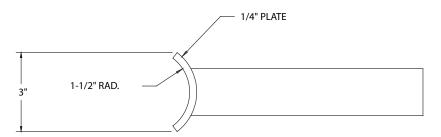
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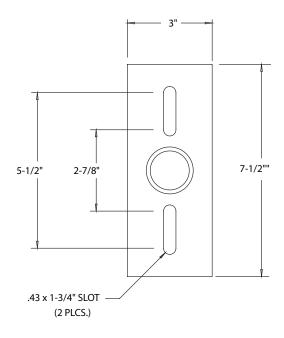
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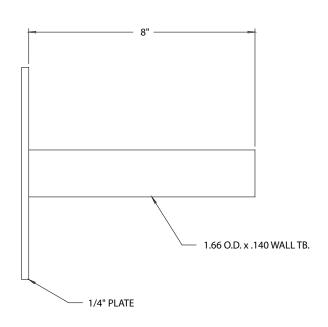
Universal Arms (Steel)

UMR POLE ADAPTOR

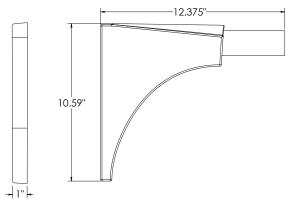
RECOMMENDED FOR USE WITH POLES OF 4" DIAMETER OR SMALLER

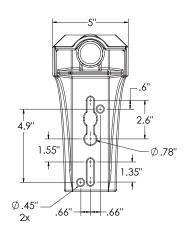




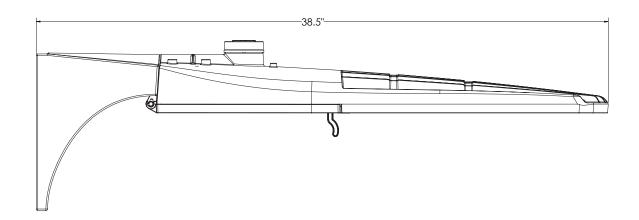


ATB Decorative Arms (Cast Aluminum)





Round Pole
Adapter Plate
(Supplied with
ATB2DECOR)



Model	Weight	EPA
ATB2DECOS	6.5 lbs	0.30 ft ²
ATB2DECOR	8.0 lbs	0.30 ft ²
ATB2DECOS with ATB2 Luminaire	27.5 lbs	0.84 ft ²
ATB2DECOR with ATB2 Luminaire	29.0 lbs	0.84 ft ²