ANPLighting®

3" **6"**

10" **33"** **36"**

3" **9"**

Ø 8 1/8" B.C. **8 5/8"**

BL8511 LED
Dark Sky Friendly

Weight: 25 lbs.

Made in USA · FAMILY-OWNED BUSINESS

cULus · BAA

Specifications

Project Name:	
Bollard Type:	Quantity:
Customer:	
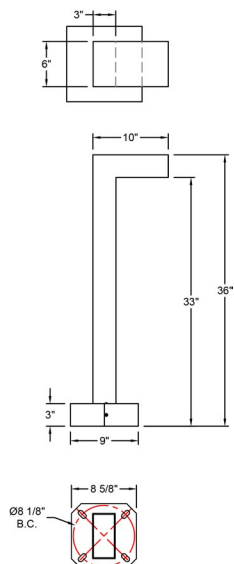
Material:
Durable A356 cast aluminum, 6061 extruded aluminum, and aluminum sheet metal. Hardware is stainless steel or zinc-plated steel. Exposed hardware matches body finish.

Lens:
Clear PMMA Acrylic IES Distribution Lens

Mounting:
3/8" x 10" galvanized steel anchor bolts.

Drivers:
Universal Voltage 120-277V. 0-10V to 1% dimming is standard. (Refer to Driver Specification section for other specifications.)

Dark Sky Friendly:
To maintain dark sky friendly compatibility: ≤ 3000K. Amber option also available.

Electrical:
A lightning surge protective device is standard (20KA³ Max/10KA² Nominal). Luminaires are prewired with 0-10V dimming leads.

Finish:
A polyester powder coat high quality finish. Marine grade finish is available.

Modifications:
Consult factory for custom or modified designs.

Certifications:
UL Listed for outdoor, wet location. LED is IP66.

Buy American:
This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS, and DOT regulations. Click here for additional information.

Catalog Logic

BL8511	A010LD2	T5	40K	-	IBOLT	-	72
Bollard Series	Light Source & Wattage	Optics	CCT		Accessories		Finish

Catalog Number

BL8511	①	②	③	—	④	—	⑤

1 LIGHT SOURCE & WATTAGES

- **A010LD2** (10W)
- **A018LD4** (18W)
- **A032LD8** (32W)

2 OPTICS

- **T1** (Type I)
- **T2** (Type II)
- **T3** (Type III)
- **T5** (Type V)

3 CCT (COLOR TEMPERATURE)

- **27K** (2700K)
- **30K** (3000K)
- **35K** (3500K)
- **40K** (4000K)
- **AMB** (590nm True Amber)

4 ACCESSORIES

- **IBOLT** (Eye Bolt)
- **EMG-LEDR05** (5W Emergency Driver)
- **EMG-LEDR7.8** (7.8W Emergency Driver)
- **EMG-LEDR10.7** (10.7W Emergency Driver)
- **EMG-LEDR17** (17W Emergency Driver)
- **GFI20** (20 Amp GFCI outlet with cover)
- **GFI-WPU** (20 Amp GFCI outlet w/weather proof while-in-use cover)
- **PC** (Dusk-till-dawn Button Photocell)

Accessory finish will match fixture finish. GFI20 & GFI-WPU standard location is @18" & to the rear of the bollard.

5 FINISHES
*Premium and Marine Grade Finish have additional charges

Standard Colors	Standard Grade	Marine Grade*	Standard Colors	Standard Grade	Marine Grade*
Aspen Green	10	10M	Copper Clay	53	53M
Cantaloupe	11	11M	Silver	56	56M
Lilac	12	12M	Black Verde	61	61M
Putty	13	13M	Painted Chrome	70	70M
Raw Unfinished	40	NA	Painted Copper	71	71M
Black	41	41M	Textured Black	72	72M
Forest Green	42	42M	Matte Black	73	73M
Bright Red	43	43M	Textured Architectural Bronze	76	76M
White	44	44M	Textured White	77	77M
Bright Blue	45	45M	Textured Silver	78	78M
Sunny Yellow	46	46M	**PREMIUM FINISH**	**Premium Grade***	**Marine Grade***
Aqua Green	47	47M	Textured Desert	80	80M
Galvanized	49	NA	Graystone	82	82M
Navy	50	50M	Oil Rubbed Bronze	83	83M
Architectural Bronze	51	51M	Carbon Graphite	96	96M
Patina Verde	52	52M			

Consult Factory for additional paint charges and availability.

1-800-548-3227
ANPlighting.com

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Project Name: _____

Fixture Type: _____   **Quantity:** _____

Customer: _____

PERFORMANCE TABLE - 12 LED ARRAY - DELIVERED LUMENS

LED CATALOG	WATTS	DISTRIBUTION	AMBER					2700K					3000K					3500K					4000K				
			DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G
A010LD2	**10W**	TYPE I	497	50	0	0	0	1003	100	1	0	1	1096	110	1	0	1	1154	115	1	0	1	1177	118	1	0	1
		TYPE II	512	51	0	0	0	1021	102	1	0	1	1116	112	1	0	1	1175	118	1	0	1	1199	120	1	0	1
		TYPE III	473	47	0	0	0	1016	102	0	0	0	1111	111	0	0	0	1170	117	0	0	0	1193	119	0	0	0
		TYPE V	441	44	0	0	0	945	95	1	0	1	1033	103	1	0	1	1088	109	1	0	1	1110	111	1	0	1
A018LD4	**18W**	TYPE I	895	50	1	0	1	1805	100	1	0	1	1974	110	1	0	1	2077	115	1	0	1	2119	118	1	0	1
		TYPE II	922	51	0	0	0	1838	102	1	0	1	2010	112	1	0	1	2115	118	1	0	1	2158	120	1	0	1
		TYPE III	851	47	0	0	0	1830	102	1	0	0	2001	111	1	0	0	2106	117	1	0	1	2148	119	1	0	1
		TYPE V	793	44	0	0	0	1701	95	1	0	1	1860	103	1	0	1	1958	109	1	0	1	1998	111	1	0	1
A032LD8	**32W**	TYPE I	1590	50	1	0	1	3208	100	2	0	2	3509	110	2	0	2	3963	115	2	0	2	3768	118	2	0	2
		TYPE II	1639	51	1	0	1	3267	102	1	0	1	3573	112	1	0	1	3761	118	1	0	1	3837	120	1	0	1
		TYPE III	1514	47	1	0	0	3253	102	1	0	1	3557	111	1	0	1	3744	117	1	0	1	3819	119	1	0	1
		TYPE V	1410	44	1	0	1	3024	95	1	0	1	3307	103	1	0	1	3481	109	1	0	1	3551	111	1	0	1

LED SPECIFICATION

- PMMA Optical Lens
- 12 High-power LEDs
- Efficacy: 94-120 lm/W
- Distributions: Type I, II, III, V
- CCT: 2700K, 3000K, 3500K, 4000K, 590nm True Amber
- CRI: >90
- Ingress Protection: IP66

DRIVER SPECIFICATION

- Universal Input 120-277V
- Dimming: 0-10V, TRIAC, ELV (Dims to 1%)
- Power Factor @ Full Load >90%
- THD @ Full Load <20%
- Constant Current Output 50/60Hz
- Operating Temperature: -30°C Minimum (32W is -10° Minimum)
- Lifetime: >50,000 hours
- Ingress Protection: IP66
- Certifications: UL Recognized, FCC, Energy Star, CA Title 24, RoHS

ANP *Lighting*

Project Name: _____

Fixture Type: _____   Quantity: _____

Customer: _____

ACCESSORIES

IBOLT   **EMG-LED**   **GFI20**   **GFI-WPU**   **PC**

FINISHES COLORS

STANDARD

WHITE | TEXTURED WHITE | SILVER | PAINTED CHROME | PAINTED GALVANIZED | PUTTY | TEXTURED SILVER | TEXTURED BLACK | MATTE BLACK | BLACK | BLACK VERDE | PATINA VERDE | FOREST GREEN | AQUA GREEN | ASPEN GREEN | BRIGHT BLUE | NAVY | SUNNY YELLOW | CANTALOUPE | LILAC | BRIGHT RED | PAINTED COPPER | COPPER CLAY | ARCHITECTURAL BRONZE | TEXTURED ARCHITECTURAL BRONZE
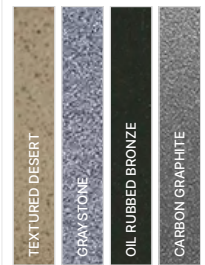
PREMIUM

TEXTURED DESERT | GRAY STONE | OIL RUBBED BRONZE | CARBON GRAPHITE

FINISHES

- A polyester powder coat high quality finish is electro-statically applied and baked at 430° for exceptional durability and color retention. Products undergo an intensive five-step cleansing and pretreatment process for maximum paint adhesion. 5-year warranty for aluminum products. 2-year warranty for steel products.
- Marine grade finish provides superior salt, humidity and UV protection. This coating withstands up to 3,000 hours of continuous salt spray, comes with a 2-year warranty and is available in either a textured or gloss surface.

WARRANTY

- See www.ANPlighting.com for complete fixture warranty.
- LED warranty information
- 5 year limited warranty*
- *Limited Warranty: A typical year is defined as 4,380 hours of operation.

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