**BL6411 LED**

Weight: 34.5 lbs.



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:

Choice of Acrylic 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.)

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 American(n) government procurement requirements under FAR, DFARS, and DOT regulations. [Click here for additional information.](#)

Catalog Logic**Catalog Number****1****2****3****4****5****6****BL6411**

1	LENS
FR (Frosted Acrylic)	
WH (White Opal Acrylic)	

5	ACCESSORIES
HSS180-BL6411 (180° House Side Shield)	
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 receptacle outlet)	
GFI-WPU (20 Amp GFCI receptacle w/weather proof in-use cover)	
PC (Dusk-till-dawn Button Photocell)	
CGFI (Concealed 20 Amp GFCI w/retractable door)	
Accessory finish will match fixture finish. GFI20 & GFI-WPU standard location is @18" & to the rear of the bollard.	

6 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	Textured 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	P <small>REMIUM</small> F <small>INISH</small>	P <small>REMIUM</small> G <small>RADE*</small>	M <small>ARINE</small> G <small>RADE*</small>
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.

4	CCT (COLOR TEMPERATURE)
27K (2700K)	
30K (3000K)	
35K (3500K)	
40K (4000K)	

Project Name: _____

Fixture Type: _____ Quantity: _____

Customer: _____

PERFORMANCE TABLE - ANP MODULE - FROSTED LENS - DELIVERED LUMENS

			2700K					3000K					3500K					4000K				
LED CATALOG	WATTS	DISTRIBUTION	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
AM10W	10W	TYPE V	615	61	0	3	1	645	65	0	3	1	653	65	0	3	1	661	66	0	3	1
AM20W	20W	TYPE V	1230	61	1	3	1	1290	65	1	3	1	1306	65	1	3	1	1321	66	1	3	1
AM30W	30W	TYPE V	1845	61	1	3	1	1935	65	1	3	1	1959	65	1	3	1	1982	66	1	4	1
AM40W	40W	TYPE V	2460	61	1	4	1	2580	65	1	4	1	2612	65	1	4	1	2643	66	1	4	1

LED SPECIFICATION

- COB LED
- Typical Initial Efficacy 120 lm/W
- Distribution: Type V Round
- CCT: 2700K, 3000K, 3500K, 4000K
- CRI: 90 (min) 92 Typical
- 3-Step Ellipse
- 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
- Lifetime: >50,000 hours
- Ingress Protection: IP66
- Certifications: UL Recognized, FCC, Energy Star, CA Title 24, RoHS

Project Name: _____

Fixture Type: _____ Quantity: _____

Customer: _____

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.

WARRANTYSee 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.

ACCESSORIES

IBOLT



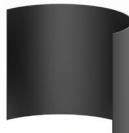
EMG-LED



GFI-120



GFI-WPU



HSS180



PHOTOCELL



CGFI

FINISHES COLORS**STANDARD****PREMIUM**