



Project: _____

Fixture Type: _____ Quantity: _____

Customer: _____

Specifications



Material:
All parts are durable, high strength extruded aluminum with a sheet aluminum housing. All mounting hardware shall be stainless steel or zinc plated steel.

Lens:
Choice of tempered glass lens.

Mounting:
Standard anchor bolts are 3/8" x 10" x 2". Bolts, nuts and washers shall be hot dipped galvanized steel.

Bolt pattern diameter is 9".

Drivers:
Universal voltage 120-277 is standard. 0-10V, TRIAC and ELV dimming to 1% protocols are standard for LED module.

See page 2 table for LED engine and driver specs, voltage and dimming protocols.

Finish:
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.

Marine grade finish provides superior salt, humidity and UV protection. This coating withstands up to 3000 hours of continuous salt spray, comes with a 5-year warranty and is available in either a textured or gloss surface.

Modifications:
Consult factory for custom or modified designs.

BL8411 - LED

Weight: 25.0 lbs

Catalog Logic

BL8411 | **CL** | **M016LDD** | **T5** | **40K** | **GFI15** | **72**

Bollard Series | Lens | Light Source & Wattage | Optics CCT | Accessories | Finish

Catalog Number

1 **2** **3** **4** **5** **6**

BL8411 — — — — —

1 LENS

CL (Clear Tempered Glass)
FR (Frosted Tempered Glass)

2 LIGHT SOURCE & WATTAGES

M010LD (10w, 1250 lumen, Cree module)
M016LD (16w, 2000 lumen, Cree module)

3 OPTICS

W (T5 Wide Distribution with Dome LED Lens)
N (T5 Narrow Distribution with Flat LED Lens)

4 COLOR TEMPERATURE (CCT)

27K (2700K)
30K (3000K)
35K (3500K)
40K (4000K)

5 ACCESSORIES

- *EMG-LED5** (5w, LED Emergency Driver)
- *EMG-LED7** (7w, LED Emergency Driver)
- *EMG-LED10** (10w, LED Emergency Driver)
- GFI15** (15 amp GFCI receptacle outlet)
- GFI20** (20 amp GFCI receptacle outlet)
- GFI-WPU** (20 amp GFCI receptacle w/weather proof in-use cover)

***For Emergency lumen output data, see Resources section at www.ANPlighting.com.**

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

Consult Factory for additional paint charges and availability.

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LED PERFORMANCE				
MODULE				
LED Wattage	CCT	Typical Luminous Flux	System Wattage	Typical Efficacy
10W	2700K	1250	12W	125
	3000K	1250	12W	125
	3500K	1250	12W	125
	4000K	1250	12W	125
16W	2700K	2000	19W	125
	3000K	2000	19W	125
	3500K	2000	19W	125
	4000K	2000	19W	125

MODULE SPECIFICATION:
• Efficacy 125 lumens per watt
• Life: L70 50,000 hours
• Color temp: 2700K, 3000K, 3500K and 4000K
• CRI: >90

MODULE LISTINGS
• Fully compliant with the RoHS Directive
• Certifications: CE/UL

MODULE DRIVER SPECIFICATION:
• Input Voltage: 120-277 Volts; 50/60Hz
• Dimmable down to 1%
• 0-10V, TRIAC and ELV dimming protocols are standard.
• Output Current: Constant Current; 440mA to 940mA (model dependent)
• Driver Efficiency > 80%; Power Factor > 0.9
• Integral Surge Protection in conformance to ANSI C62.41 Category A.

WARRANTY
See www.ANPlighting.com for complete fixture warranty.
LED warranty information
• 5 year limited warranty*
*Limited Warranty: A typical year is defined as 4380 hours of operation

ACCESSORIES		
 EMG-LED	 GF115 & GF120	 GFI-WPU