

Weight: 24.0 lbs

**BL0121
LED**

Project: _____
 Fixture Type: _____ Quantity: _____
 Customer: _____

Specifications

Material:
 All parts are durable 356 cast aluminum and high strength aluminum extrusion and heavy duty spinings. All mounting hardware shall be stainless steel or zinc plated steel.

Lens:
 Standard clear 0.125" PMMA 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 3 3/4".

Drivers:
 Universal voltage 120-277 is standard. 0-10V, TRIAC and ELV dimming to 1% is standard for all LED array sources. Dual channel, 0-10V dimming to 1% is standard for dynamic white sources.

See page 2 table for more LED engine and driver specifications.

IP65



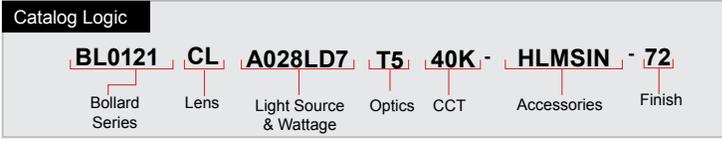
Electrical:
 20kA max/10kA nominal surge protection device is standard.

Certifications:
 UL Listed for outdoor, wet location. IP65 rated; UL1598 Standard for Safety for Lighting Luminaires.

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



1 LENS

CL (Clear Acrylic)

2 LIGHT SOURCE & WATTAGES

A010LD2 (10w LED Array)
A018LD4 (18w LED Array)
A028LD7 (28w LED Array)
D010LD2 (10w Dynamic White)
D018LD4 (18w Dynamic White)
D028LD7 (28w Dynamic White)

3 OPTICS

LED Array
T1, T2, T3, T5
Dynamic White
T5 (Type V)

4 COLOR TEMPERATURE (CCT)

LED Array
27K (2700K)
30K (3000K)
35K (3500K)
40K (4000K)
Dynamic White
CCT Adjustment Range
27-65K (2700-6500K)

5 ACCESSORIES*

HLMSIN (Integral high-low motion sensor; See page 3 for specifications)
*IBOLT (Eye Bolt)
*GFI15 (15 amp GFCI receptacle outlet)
*GFI20 (20 amp GFCI receptacle outlet)
*GFI-WPU (20 amp GFCI receptacle w/weather proof in-use cover)
**EMG-LED06 (6w, LED Emergency Driver)
**EMG-LED10 (10w, LED Emergency Driver)
*Accessory finish will match fixture finish.
**Compatible with LED Array Light Engines Only. (A010LD2, A018LD4, A028LD7); Dimming protocol restricted to 0-10V, Down to 1%.

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 Grade*	Marine Grade*
Navy	50	50M	Carbon Graphite	96	96M

Consult Factory for additional paint charges and availability.

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LED ARRAY

PERFORMANCE

LED Wattage	CCT	CRI	Type I			Type II			Type III			Type V			Drive Current	Nominal System Wattage
			Delivered Lumens	Lumens Per Watt	B U G	Delivered Lumens	Lumens Per Watt	B U G	Delivered Lumens	Lumens Per Watt	B U G	Delivered Lumens	Lumens Per Watt	B U G		
10W	2700K	80	717	72	0 0 0	860	86	0 0 0	799	80	0 0 0	868	87	1 0 0	250mA	10w
	3000K	70	709	71	0 0 0	850	85	0 0 0	790	79	0 0 0	858	86	1 0 0	250mA	10w
	3500K	70	719	73	0 0 0	861	88	0 0 0	800	81	0 0 0	870	88	1 0 0	250mA	10w
	4000K	70	802	81	0 0 0	961	97	0 0 0	893	90	0 0 0	970	98	1 0 1	250mA	10w
18W	2700K	80	1237	70	1 0 1	1482	84	1 0 0	1378	78	1 0 0	1497	85	1 0 1	450mA	18w
	3000K	70	1218	69	1 0 1	1459	82	1 0 0	1358	76	1 0 0	1473	83	1 0 1	450mA	18w
	3500K	70	1240	70	1 0 1	1485	84	1 0 0	1381	78	1 0 0	1500	85	1 0 1	450mA	18w
	4000K	70	1384	78	1 0 1	1658	94	1 0 1	1541	87	1 0 0	1674	95	1 0 1	450mA	18w
28W	2700K	80	1793	65	1 0 1	1764	63	1 0 1	1797	65	1 0 1	2005	72	1 0 1	700mA	28w
	3000K	70	2148	78	1 0 1	2114	76	1 0 1	2153	78	1 0 1	2403	86	1 0 1	700mA	28w
	3500K	70	1997	72	1 0 0	1965	71	1 0 0	2001	72	1 0 0	2233	80	1 0 1	700mA	28w
	4000K	70	2169	78	1 0 1	2135	77	1 0 1	2174	78	1 0 1	2426	87	1 0 1	700mA	28w

LED SPECIFICATION

- 12 High-Power LED's, CREE XP-G3
- Color temp: 2700K, 3000K, 3500K and 4000K
- CRI: 70 - 80
- Distribution: Type I, II, III & V
- PMMA Optical Lens
- RoHs Compliant

DRIVER SPECIFICATION

- Input Voltage: 120-277 Universal Voltage; (50/60Hz)
- Dimmable down to 1%
- 0-10V, TRIAC and ELV dimming protocols are standard
- Drive Current: 250mA, 450mA and 700mA
- Driver Efficiency > 80%; Power Factor > 0.90
- Operating temperatures: -30°C to 70°C
- IP64
- ANSI C62.41 Category A
- UL, cUL, CE
- Lifetime: 50,000 hours

DYNAMIC WHITE

PERFORMANCE

LED Wattage	CCT	Type V			Drive Current	Nominal System Wattage
		Delivered Lumens	Lumens Per Watt	B U G		
10W	2700K	741	72	- - -	250mA	10w
	4000K	756	74	- - -	250mA	10w
	6500K	772	75	- - -	250mA	10w
18W	2700K	1296	70	- - -	450mA	19w
	4000K	1324	72	- - -	450mA	19w
	6500K	13551	73	- - -	450mA	19w
28W	2700K	1960	68	1 1 1	700mA	29w
	3000K	2017	70	- - -	700mA	29w
	3500K	2038	71	1 1 1	700mA	29w

LED SPECIFICATION

- Typical efficacy is 84-98 lumens per watt
- Color temp: 2700K, 4000K and 6500K
- CRI: 95
- Distribution: Type V

DRIVER SPECIFICATION

- Input Voltage: 120-277 Universal Voltage; (50/60Hz)
- Dimmable down to 1%
- 0-10V, 2-channel dimming protocol
- Drive Current: 250mA, 450mA and 700mA
- Driver Efficiency > 80%; Power Factor > 0.90
- Minimum operating temperature: -30°C
- Lifetime: 50,000 hours
- Integral surge protection in conformance to IP64
- UL, cUL, CE
- Lifetime: 50,000 hours
- Integral Surge Protection in conformance to ANSI C62.41 Category A.

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SURGE SUPPRESSION

- A Surge Protection Device (SPD) is standard featuring a 20kA maximum discharge current 8/20µs Waveform (Imax); 10kA nominal discharge current 8/20µs Waveform (In) and thermally protected varistor technology.
- Meets IEEE C62.41.2 Location Category C High and US Dept of Energy MSSLC Model Spec.
- SPD shall be wired in series and will result in an open circuit during a fault state, resulting in the luminaire to turn off to protect system components thereby indicating SPD module replacement.

HIGH-LOW MOTION SENSOR

- High Frequency Doppler
- 360° detection, range approximately 15' (30' diameter)
- 0-10v bi-level function is 100% and dims to 30% after 5 minutes of no motion
- Default Factory Setting: Sensitivity 100% (high)
- Sensitivity and time-delay are adjustable (Consult factory)

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



HLMSIN



IBOLT



GFI15 & GFI20



GFI-WPU



EMG-LED