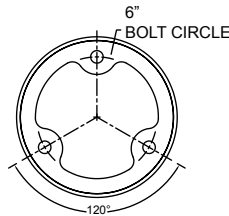
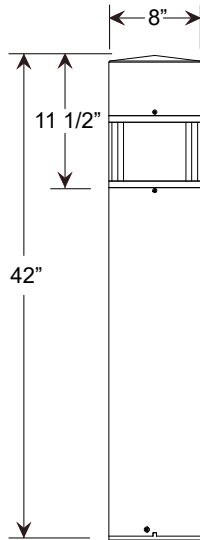


Project: _____

Fixture Type: _____ Quantity: _____

Customer: _____



Specifications

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

Lens:
Standard acrylic 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 6".

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

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

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



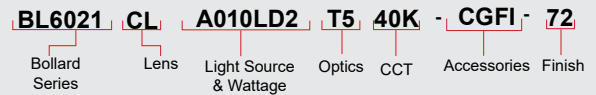
Certifications:
UL Listed for outdoor, wet location. UL1598 Standard for Safety for Lighting Luminaires.

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 designs.

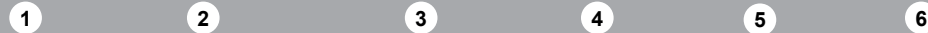
Catalog Logic



**BL6021
LED**

Weight: 17.5 lbs

Catalog Number



BL6021

1	LENS
CL	(Clear Acrylic)
FR	(Frosted Acrylic)

2	LIGHT SOURCE & WATTAGES
A010LD2	(10w LED Array)
A018LD4	(18w LED Array)
A032LD8	(32w LED Array)

3	OPTICS
T1	(Type I)
T2	(Type II)
T3	(Type III)
T5	(Type V)

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

5	ACCESSORIES
HLMSIN	(Integral high-low motion sensor; See page 3 for specifications)
HSSC90	(90° House Side Shield, polished)
HSSC180	(180° House Side Shield, polished)
*IBOLT	(Eye Bolt)
EMG-LED06	(6w, LED Emergency Driver)
EMG-LED10	(10w, LED Emergency Driver)
EMG-LED16	(16w, LED Emergency Driver; only compatible with 18w and 32w)
EMG-LED20	(20w, LED Emergency Driver; only compatible with 32w)
*GFI15	(15 amp GFCI receptacle outlet)
*GFI20	(20 amp GFCI receptacle outlet)
*GFI-WPU	(20 amp GFCI receptacle w/weather proof in-use cover)
*CGFI	(20 amp Concealed GFCI receptacle w/ hinged door)
SP	(Surge Protection; 20kA max/10kA nominal)
*Accessory finish will match fixture finish.	

6 FINISHES					
*Premium and Marine Grade Finish have additional charges					
Standard Colors		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.

Project: _____

Fixture Type: _____ Quantity: _____

Customer: _____

LED ARRAY - CLEAR ACRYLIC LENS

PERFORMANCE																							
System Wattage	CCT	CRI	Type I				Type II				Type III				Type V				Drive Current				
			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	863	86	1	3	1	860	86	1	3	1	849	85	0	3	1	870	87	1	3	1	250mA
	3000K	70	933	93	1	3	1	930	93	1	3	1	918	92	0	3	1	941	94	1	3	1	250mA
	3500K	70	1029	103	1	3	1	1026	103	1	3	1	1013	101	0	3	1	1038	104	1	3	1	250mA
	4000K	70	1091	109	1	3	1	1088	109	1	3	1	1074	107	0	3	1	1101	110	1	3	1	250mA
18W	2700K	80	1553	86	1	3	1	1548	86	1	3	1	1528	85	1	3	1	1566	87	1	3	1	450mA
	3000K	70	1679	93	1	3	1	1674	93	1	3	1	1652	92	1	3	1	1693	94	1	3	1	450mA
	3500K	70	1853	103	1	3	1	1847	103	1	3	1	1823	101	1	3	1	1868	104	1	3	1	450mA
	4000K	70	1965	109	1	3	1	1959	109	1	3	1	1933	107	1	3	1	1981	110	1	3	1	450mA
32W	2700K	80	2797	86	2	4	2	2791	86	1	4	1	2757	85	1	4	1	2823	87	2	4	2	800mA
	3000K	70	3024	93	2	4	2	3018	93	1	4	1	2982	92	1	4	1	3053	94	2	4	2	800mA
	3500K	70	3337	103	2	4	2	3329	103	1	4	1	3290	102	1	4	1	3369	104	2	4	2	800mA
	4000K	70	3539	109	2	4	2	3531	109	1	4	1	3489	107	1	4	1	3572	110	2	4	2	800mA

LED ARRAY - FROSTED ACRYLIC LENS

PERFORMANCE																							
System Wattage	CCT	CRI	Type I				Type II				Type III				Type V				Drive Current				
			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	587	59	0	3	1	568	57	0	3	1	577	58	0	3	1	589	59	0	3	1	250mA
	3000K	70	635	63	0	3	1	614	61	0	3	1	624	62	0	3	1	637	64	0	3	1	250mA
	3500K	70	700	70	0	3	1	677	68	0	3	1	688	69	0	3	1	703	70	0	3	1	250mA
	4000K	70	743	74	0	3	1	718	72	0	3	1	730	73	0	3	1	746	75	0	3	1	250mA
18W	2700K	80	1057	59	1	3	1	1022	57	1	3	1	1038	58	1	3	1	1061	59	1	3	1	450mA
	3000K	70	1143	63	1	3	1	1105	61	1	3	1	1122	62	1	3	1	1147	64	1	3	1	450mA
	3500K	70	1261	70	1	3	1	1219	68	1	3	1	1238	69	1	3	1	1265	70	1	3	1	450mA
	4000K	70	1337	74	1	3	1	1293	72	1	3	1	1313	73	1	3	1	1342	75	1	3	1	450mA
32W	2700K	80	1924	59	1	4	2	1864	57	1	4	2	1885	58	1	4	2	1933	59	1	4	2	800mA
	3000K	70	2081	63	1	4	2	2016	61	1	4	2	2038	62	1	4	2	2091	64	1	4	2	800mA
	3500K	70	2296	70	1	4	2	2224	68	1	4	2	2249	69	1	4	2	2307	70	1	4	2	800mA
	4000K	70	2435	74	1	4	2	2359	72	1	4	2	2385	73	1	4	2	2446	75	1	4	2	800mA

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

LED SPECIFICATION
• 12 High-Power LED's, CREE XP-G3
• Color temp: 2700K, 3000K, 3500K and 4000K
• CRI: 70 - 80
• Distribution: Types I, II, III and 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 800mA
• 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

OPTIONAL SURGE SUPPRESSION
• A Surge Protection Device (SPD) is optional 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	 HSSC90/HSSC120	 IBOLT	 EMG-LED	 GFI15 & GFI20	 GFI-WPU	 CGFI
 SP						