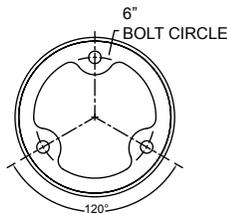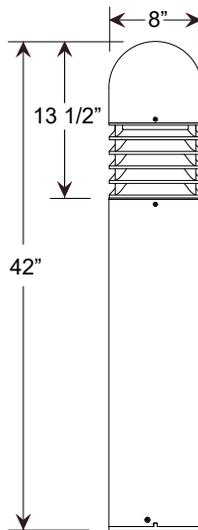Project: _____

Fixture Type: _____   Quantity: _____

Customer: _____

Specifications

Material:
All parts are durable 356 cast aluminum and high strength extruded aluminum.

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.

8"

13 1/2"

42"

6" BOLT CIRCLE

120°

BL6041

LED

Weight: 24.5 lbs

Catalog Logic

BL6041	CL	A010LD2	T5	40K	-	CGFI	-	72
Bollard Series	Lens	Light Source & Wattage	Optics	CCT		Accessories		Finish

Catalog Number

	①	②	③	④	⑤	⑥
BL6041					—	—

1 — LENS

CL	(Clear 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 2 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	216	22	0	0	0	223	22	0	0	0	237	24	0	0	0	241	24	0	0	0	250mA
	3000K	70	234	23	0	0	0	341	24	0	0	0	256	26	0	0	0	261	26	0	0	0	250mA
	3500K	70	258	26	0	0	0	266	27	0	0	0	283	28	0	0	0	288	29	0	0	0	250mA
	4000K	70	273	27	0	0	0	282	28	0	0	0	300	30	0	0	0	305	31	0	0	0	250mA
18W	2700K	80	389	22	0	0	0	401	22	0	0	0	427	24	0	0	0	434	24	0	0	0	450mA
	3000K	70	421	23	0	0	0	434	24	0	0	0	461	26	0	0	0	469	26	0	0	0	450mA
	3500K	70	464	26	0	0	0	479	27	0	0	0	509	28	0	0	0	518	29	0	0	0	450mA
	4000K	70	492	27	0	0	0	508	28	0	0	0	540	30	0	0	0	549	31	0	0	0	450mA
32W	2700K	80	698	22	1	0	1	722	22	1	0	0	767	24	1	0	0	783	24	1	0	1	800mA
	3000K	70	755	23	1	0	1	781	24	1	0	0	830	26	1	0	0	846	26	1	0	1	800mA
	3500K	70	833	26	1	0	1	862	27	1	0	0	915	28	1	0	0	934	29	1	0	1	800mA
	4000K	70	883	27	1	0	1	914	28	1	0	0	971	30	1	0	0	990	31	1	0	1	800mA

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

OPTIONALSURGE 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.

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

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

| HSSC90/HSSC120 | IBOLT | EMG-LED | GFI15 & GFI20 | GFI-WPU | CGFI | SP |

1-800-548-3227
ANPlighting.com