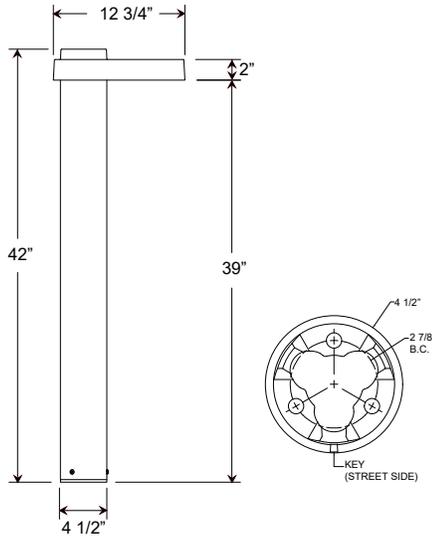


Project: _____
 Fixture Type: _____ Quantity: _____
 Customer: _____



Specifications

Material:
 All parts are A356 cast aluminum and extruded aluminum. All mounting hardware shall be stainless steel or zinc plated steel.

Lens:
 PMMA Optical 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 2 7/8".

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 standard.

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

Finish:
 A polyester powder coat high quality finish.

Marine grade finish is available.

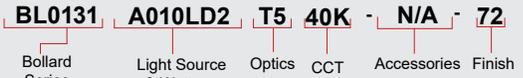
Modifications:
 Consult factory for custom or modified designs.



**BL0131
 Siteline Bollard**

Weight: 12 lbs

Catalog Logic



Catalog Number	1	2	3	4	5
	BL0131				

1 LIGHT SOURCE & WATTAGES

A010LD2	(10W LED Array)
A018LD4	(18W LED Array)
A032LD8	(32W LED Array)

2 OPTICS

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

3 COLOR TEMPERATURE (CCT)

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

4 ACCESSORIES

HLMSIN	(Integral high-low motion sensor; See page 2 for specifications)
HSS180-1	(180° House Side Shield for BL0131)
*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)

***Accessory finish will match fixture finish.**

5 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: _____

12 LED ARRAY

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	1003	100	1	0	1	1021	102	1	0	1	1016	102	0	0	1	945	94	1	0	1	250mA
	3000K	70	1097	112	1	0	1	1117	112	1	0	1	1111	111	0	0	1	1033	103	1	0	1	250mA
	3500K	70	1154	115	1	0	1	1175	118	1	0	1	1170	117	0	0	1	1088	109	1	0	1	250mA
	4000K	70	1178	118	1	0	1	1199	120	1	0	1	1193	119	0	0	1	1110	111	1	0	1	250mA
18W	2700K	80	1805	100	1	0	1	1838	102	1	0	1	1829	102	1	0	1	1701	94	1	0	1	450mA
	3000K	70	1974	110	1	0	1	2010	112	1	0	1	2001	111	1	0	1	1860	103	1	0	1	450mA
	3500K	70	2077	115	1	0	1	2115	118	1	0	1	2106	117	1	0	1	1958	109	1	0	1	450mA
	4000K	70	2120	118	1	0	1	2158	120	1	0	1	2148	119	1	0	1	1997	111	1	0	1	450mA
32W	2700K	80	3209	100	2	0	2	3267	102	1	0	1	3252	102	1	0	1	3024	94	2	0	1	800mA
	3000K	70	3509	110	2	0	2	3574	112	1	0	1	3557	111	1	0	1	3307	103	2	0	1	800mA
	3500K	70	3693	115	2	0	2	3761	118	1	0	1	3743	117	1	0	1	3481	109	2	0	1	800mA
	4000K	70	3768	118	2	0	2	3837	120	1	0	1	3819	119	1	0	1	3551	111	2	0	1	800mA

LED SPECIFICATIONS -SMILE LED (CREE XLAMP)

- PMMA Optical Lens
- 12 High-power LEDs
- Efficacy ranges from 94-120 lm/W
- Distributions: Type I, II, III, V
- CCT: 2700K, 3000K, 3500K, 4000K
- Certifications: UL Recognized, RoHS, REACH
- CRI: >70 (2700K is >80)

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.

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.
- 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.

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

DRIVER SPECIFICATIONS-ERP ESS SERIES(10W/18W ONLY)

- 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, CE

DRIVER SPECIFICATION-ERP PHB SERIES (32W ONLY)

- 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: -10°C Minimum
- Lifetime: >50,000 hours
- Certifications: UL Recognized, CE

SPECIFICATIONS -IR-TEC LMD-109 OCCUPANCY SENSOR

- Sensor Type: High Frequency Doppler (HFD)
- 360° Detection Range, Approximately 15 (30' Diameter)
- Line Voltage Sensor: 120 / 240 / 277 VAC, 50/60 Hz
- Factory Defaults:
- Dim Levels: High / 30%
- Motion Time Delay: 5 min
- For other settings, consult factory

Project: _____

Fixture Type: _____ Quantity: _____

Customer: _____

ACCESSORIES



HLMSIN



HSS180-1



IBOLT



EMG-LED



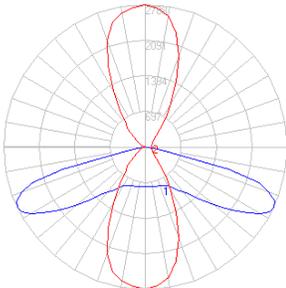
GFI15 & GFI20



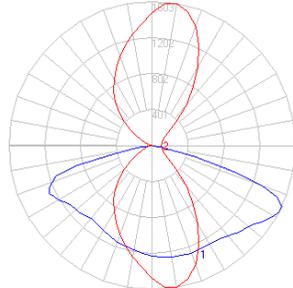
GFI-WPU

PHOTOMETRIC DISTRIBUTION - 12 LED ARRAY

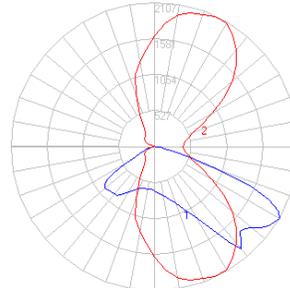
TYPE 1



TYPE 2



TYPE 3



TYPE 5

