



EPA: 0.97 w/Flat Lens
1.50 w/Conical Drop Lens

LC0123
LED

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

Specifications IP65



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.

Column:
6 to 4-inch diameter, aluminum, transition column.
Wall thickness is 0.187".
Transition section is cast aluminum.

Lens:
Flat, opal white 0.125" thick, polycarbonate lens or conical, opal white, acrylic lens available.

Mounting:
Standard anchor bolts are 3/4"x18"x4". Bolts, nuts and washers shall be hot dipped galvanized steel.

Bolt pattern diameter is 10 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.

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 designs.

Catalog Logic

LC0123 | **10** | **WF** | **A028LD7** | **T5** | **40K** | **EMG-LED06** | **72**

Light Column Series | Height | Lens | Light Source & Wattage | Optics | CCT | Accessories | Finish

Catalog Number

1 2 3 4 5 6 7

LC0123

1 HEIGHT

08	(8 feet)
09	(9 feet)
10	(10 feet)
11	(11 feet)
12	(12 feet)
13	(13 feet)
14	(14 feet)

2 LENS

WF	(Flat, opal white polycarbonate) Only LED Array Light Source
WC	(Conical, opal white acrylic) Only LED COB Light Source

3 LIGHT SOURCE & WATTAGES

A010LD2	(10w LED Array)*
A018LD4	(18w LED Array)*
A028LD7	(28w LED Array)*
C010LD2	(10w LED COB)**
C018LD4	(18w LED COB)**
C028LD7	(28w LED COB)**

*LED ARRAY - FR Flat Lens Only
**LED COB - WC Conical Lens Only

4 OPTICS

T5	(Type V)
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5 COLOR TEMPERATURE (CCT)

LED Array & COB	
27K	(2700K)
30K	(3000K)
35K	(3500K)
40K	(4000K)

6 ACCESSORIES*

*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)
HLMSPC-06	(High-Low Motion Sensor/Photocell;
HLMSPC-10	(High-Low Motion Sensor/Photocell;
PC	(Button Photo Cell)
TLPC	(Twist Lock photo cell & receptacle)
TL5	(5-pin Twist Lock receptacle only)
TL7	(7-pin Twist Lock receptacle only)
EMG-LED06	(6w, LED Emergency Driver)
EMG-LED10	(10w, LED Emergency Driver)
EMG-LED16	(16w, LED Emergency Driver)
EMG-LED20	(20w, LED Emergency Driver)

*Accessory finish will match fixture finish.

7 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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 Fixture Type: _____ Quantity: _____
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LED ARRAY

PERFORMANCE WITH FLAT OPAL WHITE LENS

LED System Wattage	CCT	Type V				Drive Current
		Delivered Lumens	Lumens Per Watt	B	U G	
10W	2700K	921	92	1	3 1	250mA
	3000K	907	91	1	3 1	250mA
	3500K	924	92	1	3 1	250mA
	4000K	1031	103	1	3 1	250mA
18W	2700K	1659	92	1	3 1	450mA
	3000K	1633	91	1	3 1	450mA
	3500K	1662	92	1	3 1	450mA
	4000K	1855	103	1	3 1	450mA
28W	2700K	2535	92	1	3 1	700mA
	3000K	2495	91	1	3 1	700mA
	3500K	2541	92	1	3 1	700mA
	4000K	2835	103	1	3 1	700mA

LED SPECIFICATION

- 12 High-Power LED's, CREE XP-G3
- Color temp: 2700K, 3000K, 3500K and 4000K
- CRI: 2700K, 3000K and 3500K are 80CRI and 4000K is 70CRI
- Distribution: Type 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
- LED driver integral surge protection, ANSI C62.41 Category A
- UL, cUL, CE
- Lifetime: 50,000 hours

LED COB

PERFORMANCE WITH CONICAL OPAL WHITE LENS

LED System Wattage	CCT	Type V				Drive Current
		Delivered Lumens	Lumens Per Watt	B	U G	
10W	2700K	955	96	0	3 1	250mA
	3000K	955	96	0	3 1	250mA
	3500K	955	96	0	3 1	250mA
	4000K	955	96	0	3 1	250mA
18W	2700K	1720	96	1	4 1	450mA
	3000K	1720	96	1	4 1	450mA
	3500K	1720	96	1	4 1	450mA
	4000K	1720	96	1	4 1	450mA
28W	2700K	2717	96	1	4 2	700mA
	3000K	2717	96	1	4 2	700mA
	3500K	2717	96	1	4 2	700mA
	4000K	2717	96	1	4 2	700mA

LED SPECIFICATION

- High Power LED COB, Cree CXB1820
- Color temp: 2700K, 3000K, 3500K and 4000K
- CRI: 80
- Distribution: Type V

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
- LED driver integral surge protection, ANSI C62.41 Category A
- UL, cUL, CE
- Lifetime: 50,000 hours

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.

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

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ACCESSORIES



IBOLT



GFI15 & GFI20



GFI-WPU



HLMSPC-06 & HLMSPC-10



PC



TLPC



TL5 & TL7



EMG-LED