

Project: _____

Fixture Type: _____ Quantity: _____

Customer: _____

Specifications

Material:
All parts are durable 356 cast aluminum. All hardware provided shall be stainless steel or zinc plated steel.

Fixture Mounting:
Post Mount: Post Cap with set screws. Fits 3" and 4" poles.

Drivers:
Universal voltage 120-277 is standard. 0-10V dimming is standard for LED platforms and 0-10V, TRIAC and ELV dimming to 1% protocols are standard for LED modules.

See page 2 table for LED engine and driver specs, voltage and dimming protocols.

Electrical:
Approximately 12" of pull wire extends from luminaire. Additional pull wire provided for post mount arms and wall mounts.



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.

LA231 LED

Weight: 26 lbs
EPA: 0.47

Catalog Logic

LA231 | 1 | P046LD4 | D | T5 | 40K - PC - PA5651 - 72

Luminaire Series | Pendant or Post Mount | Light Source & Wattage | Dimming | Optics | CCT | Accessories | Mounting Source | Finish

Catalog Number	1	2	3	4	5	6	7	8
	LA231	1	D					

1 FIXTURE ORIENTATION

1 Post

2 LIGHT SOURCE & WATTAGES

P029LD4 (29w Platform; 400ma Driver)
P046LD4 (46w Platform; 400ma Driver)
M016LD (16w, 2000 lumen, Cree module)
M024LD (24w, 3000 lumen, Cree module)

3 DIMMING

D (Dimming)

See page 2 table for LED engine and driver specs, voltage and dimming protocols.

4 OPTICS

Platform	Module
T2 (Type II)	W (T5 Wide Distributor with Dome LED Lens)
T3 (Type III)	N (T5 Narrow Distributor with Flat LED Lens)
T5 (Type V)	

5 COLOR TEMPERATURE (CCT)

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

6 ACCESSORIES

HSS90 (90° House Side Shield, polished)
HSS120 (120° House Side Shield, polished)
*EMG-LED5 (5w, LED Emergency Driver, remote placement, Cree module only)
*EMG-LED7 (7w, LED Emergency Driver, remote placement, Cree module only)
*EMG-LED10 (10w, LED Emergency Driver, remote placement, Cree module only)
*EMG-LED20HV (20w, High Voltage LED Emergency Driver, remote placement, for use with Platforms and Towers, 78w or less)
HLMSPC-06 (High-Low Motion Sensor/Photocell; 15' - 30' Sensor Mounting Height)
HLMSPC-10 (High-Low Motion Sensor/Photocell; 8' - 15' Sensor Mounting Height)
PC (Button Photo Cell)
SP (Surge Protector, 10kA & 10kV)
TLPC (Twist Lock photo cell & receptacle)
TL (Twist Lock receptacle only)
TL5 (5-pin Twist Lock receptacle only)
TL7 (7-pin Twist Lock receptacle only)

*For Emergency lumen output data, see Resources section at www.ANPlighting.com.

7 MOUNTING SOURCE

Post Mount Arms *See Page 3 for Style/Size		Wall Mount Arms *See Page 3 for Style/Size	
PA3321	PA8521	WM2141	WM7421
PA5151	PA8571	WM2211	WM8021
PA5411		WM3001	
PA5611		WM3351	
PA5621		WM4511	
PA5651		WM5131	
PA6211		WM5161	
PA6311		WM5311	
PA7911		WM5601	
PA8031		WM5611	
Column Mount *See Page 3 for Style/Size			
CM	Column Mount		

8 FINISHES

Standard Grade	Marine Grade	Standard Grade	Marine Grade
40	NA	53	100
41	101	56	109
42	102	61	106
43	114	70	118
44	107	71	105
45	112	72	108
46	123	73	125
47	120	76	121
49	NA	77	127
50	111	78	124
51	103	10	130
52	104	11	131
12	133	13	132

Consult factory for additional paint charges and availability

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

LED PERFORMANCE

MODULE					PLATFORM				
LED Wattage	CCT	Typical Luminous Flux	System Wattage	Typical Efficacy	LED Wattage	CCT	Typical Luminous Flux	System Wattage	Typical Efficacy
16W	2700K	2000	19W	125	29W	2700K	2670	30w	89
	3000K	2000	19W	125		3000K	2670	30w	89
	3500K	2000	19W	125		3500K	3209	30w	107
	4000K	2000	19W	125		4000K	3465	30w	116
2700K	3000	28W	125	46W		2700K	4004	46w	87
3000K	3000	28W	125		3000K	4004	46w	87	
3500K	3000	28W	125		3500K	4814	46w	105	
4000K	3000	28W	125		4000K	5197	46w	115	

MODULE SPECIFICATION

- Efficacy 65-125 lumens per watt
- Life: L70 50,000 hours
- Color temp: 2700K,3000K,3500K and 4000K
- CRI: >90

MODULE DRIVER SPECIFICATION

- Input Voltage: 120-277 Volts; 50/60Hz
- Dimmable down to 1%
- 0-10V, TRIAC and ELV dimming protocols are standard.
- Output Current: Constant Current: 440mA to 940mA (model dependent)
- Driver Efficiency > 80%; Power Factor > 0.9
- Integral Surge Protection in conformance to ANSI C62.41 Category A

MODULE LISTINGS

- Fully compliant with the RoHS Directive
- Certifications: CE/UL

PLATFORM SPECIFICATION:

- Efficacy ranges from 80-116 lumens per watt
- Customized lens precisely directs the light
- Operating temperature of -30C to 55C
- Life: L70 is 60,000 hours
- PLATFORM CCT: 2700K, 3000K,3500K, and 4000K
- TOWER CCT: 4000K
- CRI: >70
- Parallel circuitry ensures consistent light output in the event of single LED failure

PLATFORM DRIVER SPECIFICATION:

- Operates at 400mA
- Dimmable down to 10%
- Built in surge protection
- Constant current output 50/60HZ
- Driver Efficiency > 90% power factor above 99%
- 120 – 277 volts
- 0-10V dimming protocol is standard

PLATFORM LISTINGS

- Fully compliant with the RoHS Directive
- Certifications: ETL
- Rated IP65 with an optional IP66 rating

WARRANTY

See www.ANPlighting.com for complete fixture warranty.

- 5 year limited warranty on Modules/Drivers
- 7 year limited warranty* on Platform LED engines
- 5 year limited warranty* on Platform Drivers

*Limited Warranty: A typical year is defined as 4380 hours of operation. Failure defined as more than 10% of the total platform LED's not operating.

Project: _____

Fixture Type: _____ Quantity: _____

Customer: _____

POST MOUNTS - See Post Arm Section on Website for Specification Sheets and additional post arms.
Dimensions are Projection x Height

COLUMN MOUNT



PA3321 / 18" x 14 3/4"



PA5151 / 14 1/4" x 19 3/4"



PA5411 / 17 7/8" x 25 1/8"



PA5611 / 18 5/8" x 26 1/2"



CM / 5 3/4" SQ x 3 1/2" H



PA5621 / 19" x 26 1/4"



PA5651 / 20" x 26 1/4"



PA6211 / 22 3/4" x 26 1/2"



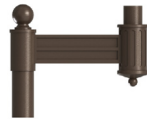
PA6311 / 17" x 23 1/4"



PA7911 / 20" x 20 5/8"



PA8031 / 20 1/2" x 20 1/4"



PA8521 / 18 1/4" x 14 1/2"



PA8571 / 24" x 47"

WALL MOUNTS - See Wall Mount Section on Website for Specification Sheets and additional wall mount arms.
Dimensions are Projection x Height



WM2141 / 18" x 12 3/16"



WM2211 / 15 1/2" x 15 7/8"



WM3001 / 11" x 8 7/8"



WM3351 / 14 1/2" x 17"



WM4511 / 17" x 8"



WM5131 / 11" x 16 3/8"



WM5161 / 15 3/4" x 17 3/4"



WM5311 / 10 7/8" x 10"



WM5601 / 17 7/8" x 14"



WM5611 / 17 5/8" x 22"



WM7421 / 16 3/8" x 15 3/4"



WM8021 / 19 1/4" x 16 3/8"

ACCESSORIES



HSS90 & HSS120



EMG-LED5, 7, 10 & 20HV



HLMSPC-06 & HLMSPC-10



PC



TLPC



TL



TL5 & TL7