

Specifications

**Material:**  
Durable A356 cast aluminum and aluminum sheet metal. Hardware is stainless steel or zinc-plated steel.

**Lens:**  
Multiple choices of lens or no lens.

**Fixture Mounting:**  
Post Mount: Post Cap with set screws. Pendant Mount: Hangs from tenon with Dual Clevis Pins.

**Drivers:**  
Universal Voltage 120-277V is standard. 0-10V dimming is standard. (Refer to Driver Specification section for other specifications.)

**Dark Sky Friendly:**  
To maintain dark sky friendly compatibility: ≤ 3000K & no lens.

**Electrical:**  
A lightning surge protective device is standard (20KA<sup>3</sup> Max/10KA<sup>3</sup> Nominal). Approximately 12" of pull wire extends from luminaire. All luminaires are prewired with 0-10V dimming leads. Post Arms and Wall Mounts are also prewired with line voltage & dimming leads.

**Finish:**  
A polyester powder coat high quality finish. Marine grade finish is available.

**Certifications:**  
UL Listed for outdoor, wet location. LED is IP66.

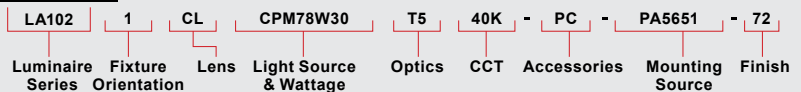
**Modifications:**  
Consult factory for custom or modified designs.

**Buy American:**  
This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS, and DOT regulations. [Click here for additional information.](#)

LA102 LED

EPA: 1.81  
Weight: 29 lbs.

Catalog Logic



Catalog Number	1	2	3	4	5	6	7	8
LA102								

1	FIXTURE ORIENTATION
1 (Post)	
3 (Pendant)	

2	LENS
NL (No Lens)	
CL (Clear Polycarbonate)	
FR (Frosted Polycarbonate)	
PR (Prismatic Polycarbonate)	
SE (Seeded Acrylic)	
WH (White Opal Polycarbonate)	

3	LIGHT SOURCE & WATTAGES
<b>TIR Performance Platform</b>	
CPS30W18 (30W TIR Performance Platform)	
CPS39W18 (39W TIR Performance Platform, CA Title 24)	
CPS46W18 (46W TIR Performance Platform)	
CPM78W30 (78W TIR Performance Platform)	
CPM90W36 (90W TIR Performance Platform)	
CPL120W48 (120W TIR Performance Platform)	

4	OPTICS
T2 (Type II)	
T3 (Type III)	
T4 (Type IV)	
T5 (Type V)	

5	CCT (COLOR TEMPERATURE)
27K (2700K)	
30K (3000K)	
35K (3500K)	
40K (4000K)	
*Consult Factory for 5000K	

6	ACCESSORIES
CHC (Clear Glass Chimney)	
CHF (Frosted Glass Chimney)	
HSS90 (90° House Side Shield)	
HSS120 (120° House Side Shield)	
*EMG-LED10 (10W LED Emergency Driver, See Below For Compatibility)	
*EMG-LED20 (20W LED Emergency Driver, See Below For Compatibility)	
*EMG-LED30 (30W LED Emergency Driver, See Below For Compatibility)	
HLMSPC-06 (On/Off Motion Sensor/Photocell, High/Low field-configurable; 15' - 30' Sensor Mounting Height)	
HLMSPC-10 (On/Off Motion Sensor/Photocell, High/Low field-configurable; 8' - 15' Sensor Mounting Height)	
PC (Button Photo Cell)	
TLPC (ANSI C136.41 Twist Lock Photocell, includes receptacle and 120-277V photo cell)	
TL5 (ANSI C136.41 5-Pin Twist Lock Receptacle only)	
TL7 (ANSI C136.41 7-Pin Twist Lock Receptacle only)	
AD (AstroDIM™ - Night-time dimming, consult factory)	
FAID (Field Adjustable Internal Dimmer)	
*Most Emergency Drivers are remote mount only (consult factory). 10W & 30W Emergency Drivers are not compatible with all LED Light Source and Wattages. For percent lumens in emergency mode, see <a href="#">Technical Section</a>	

7	MOUNTING SOURCE	
<b>Post Mount Options</b>		
S3 (Slips over Ø3" pole or tenon)	PA3111	WM4511
S4 (Slips over Ø4" pole or tenon)	PA3113	WM4513
S5 (Slips over Ø5" pole or tenon)	PA5151	WM5133
TN3 (Mounts to Ø3" pole with Ø2-3/8" x 4" tenon)	PA5153	WM5161
TN4 (Mounts to Ø4" pole with Ø2-3/8" x 4" tenon)	PA5411	WM5163
TN5 (Mounts to Ø5" pole with Ø2-3/8" x 4" tenon)	PA5413	WM5601
OM (Other Mounting, Please Specify)	PA8521	WM5603
<a href="#">All Poles</a>	<a href="#">All Post Mounts</a>	<a href="#">All Wall Mounts</a>
<b>Column Mount</b>		
CM Column Mount		
<b>Rigid Stem Mount</b>		<b>Pendant Chain Mount</b>
4ST36 (36" Rigid Stem, 4" OD Canopy) Other lengths available, consult factory.	PEND-CH3 (36" Chain/4 5/8" OD Canopy) Other lengths available, consult factory.	
See last page for popular mounting sizes/styles.		

8	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	Copper Clay	53	53M	
Cantaloupe	11	11M	Silver	56	56M	
Lilac	12	12M	Black Verde	61	61M	
Putty	13	13M	Painted Chrome	70	70M	
Raw Unfinished	40	NA	Painted Copper	71	71M	
Black	41	41M	Textured Black	72	72M	
Forest Green	42	42M	Matte Black	73	73M	
Bright Red	43	43M	Textured Architectural Bronze	76	76M	
White	44	44M	Textured White	77	77M	
Bright Blue	45	45M	Textured Silver	78	78M	
Sunny Yellow	46	46M	<b>PREMIUM FINISH</b>	<b>Premium Grade*</b>	<b>Marine Grade*</b>	
Aqua Green	47	47M	Textured Desert	80	80M	
Galvanized	49	NA	Graystone	82	82M	
Navy	50	50M	Oil Rubbed Bronze	83	83M	
Architectural Bronze	51	51M	Carbon Graphite	96	96M	
Patina Verde	52	52M				
Consult Factory for additional paint charges and availability.						

Project Name: \_\_\_\_\_

Fixture Type: \_\_\_\_\_ Quantity: \_\_\_\_\_

Customer: \_\_\_\_\_

**PERFORMANCE TABLE - TIR PLATFORM - NO LENS - DELIVERED LUMENS**

LED CATALOG	WATTS	DISTRIBUTION	2700K				3000K				3500K				4000K							
			DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G
CPS30W18	30W	TYPE II	3158	105	1	0	1	3406	114	1	0	1	3429	114	1	0	1	3541	118	1	0	1
		TYPE III	3093	103	1	0	1	3336	111	1	0	1	3358	112	1	0	1	3468	116	1	0	1
		TYPE IV	3295	110	1	0	1	3554	118	1	0	1	3578	119	1	0	1	3695	123	1	0	1
		TYPE V	3416	114	2	0	1	3684	123	2	0	1	3709	124	2	0	1	3831	128	2	0	1
CPS39W18	39W	TYPE II	4105	105	1	0	1	4428	114	1	0	1	4457	114	1	0	1	4604	118	1	0	1
		TYPE III	4020	103	1	0	1	4336	111	1	0	1	4365	112	1	0	1	4509	116	1	0	1
		TYPE IV	4284	110	1	0	1	4620	118	1	0	1	4651	119	1	0	1	4804	123	1	0	1
		TYPE V	4441	114	3	0	1	4790	123	3	0	1	4821	124	3	0	1	4980	128	3	0	1
CPS46W18	46W	TYPE II	4842	105	1	0	1	5223	114	1	0	1	5257	114	1	0	1	5430	118	1	0	1
		TYPE III	4742	103	1	0	1	5115	111	1	0	1	5149	112	1	0	1	5318	116	1	0	1
		TYPE IV	5053	110	1	0	1	5450	118	1	0	1	5486	119	1	0	1	5666	123	1	0	1
		TYPE V	5238	114	3	0	1	5649	123	3	0	1	5687	124	3	0	1	5874	128	3	0	1
CPM78W30	78W	TYPE II	8211	105	2	0	2	8856	114	2	0	2	8914	114	2	0	2	9208	118	2	0	2
		TYPE III	8041	103	2	0	2	8673	111	2	0	2	8730	112	2	0	2	9017	116	2	0	2
		TYPE IV	8568	110	2	0	2	9241	118	2	0	2	9302	119	2	0	2	9608	123	2	0	2
		TYPE V	8882	114	3	0	2	9579	123	3	0	2	9643	124	3	0	2	9960	128	3	0	2
CPM90W36	90W	TYPE II	9474	105	2	0	2	10218	114	2	0	2	10286	114	2	0	2	10624	118	2	0	2
		TYPE III	9278	103	2	0	2	10007	111	2	0	2	10073	112	2	0	2	10405	116	2	0	2
		TYPE IV	8568	95	2	0	2	9241	103	2	0	2	9302	103	2	0	2	9608	107	2	0	2
		TYPE V	10248	114	3	0	2	11053	123	4	0	2	11126	124	4	0	2	11492	128	4	0	2
CPL120W48	120W	TYPE II	12632	105	2	0	2	13624	114	3	0	3	13714	114	3	0	3	14166	118	3	0	3
		TYPE III	12371	103	2	0	2	13343	111	2	0	2	13431	112	2	0	2	13873	116	3	0	3
		TYPE IV	13181	110	3	0	3	14217	118	3	0	3	14311	119	3	0	3	14782	123	3	0	3
		TYPE V	13664	114	4	0	2	14738	123	4	0	2	14835	124	4	0	2	15323	128	4	0	2

**TIR PERFORMANCE PLATFORM SPECIFICATION**

- Performance, Ceramic-cooling technology
- Distributions: Type II, III, IV, V
- CCT: 2700K, 3000K, 3500K, 4000K
- Life: L70 >50,000 hours
- Ingress Protection: IP66
- Certification: ETL
- CRI: >80, 3 SDCM

**DRIVER SPECIFICATION**

- Universal Input 120-277V
- 0-10V Dimming to 10%
- Power Factor @ Full Load >95%
- THD @ Full Load <10%
- Constant Current Output 50/60Hz
- Operating Temperature: -40°C Minimum
- Ingress Protection: IP66
- Certifications: UL Recognized, CSA, RoHS

**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. 5-year warranty for aluminum products. 2-year warranty for steel products.
- Marine grade finish provides superior salt, humidity and UV protection. This coating withstands up to 3,000 hours of continuous salt spray, comes with a 2-year warranty and is available in either a textured or gloss surface.

**WARRANTY**

See [www.ANPlighting.com](http://www.ANPlighting.com) for complete fixture warranty.

LED warranty information

- 5 year limited warranty\*
- \*Limited Warranty: A typical year is defined as 4,380 hours of operation.

Project Name: \_\_\_\_\_

Fixture Type: \_\_\_\_\_ Quantity: \_\_\_\_\_

Customer: \_\_\_\_\_

**ACCESSORIES**



CHC & CHF



HSS90 & HSS120



EMG-LED10, 20, 30



HLMSPC-06 & HLMSPC-10



PC



TLPC



TL5 & TL7



FAID

**POPULAR POST MOUNTS**

See Post Arm Section on Website for Specification Sheets and additional post arms. Dimensions are Projection x Height.  
[Click here for all Post Mount styles](#)



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



PA5153 / 14 1/4" x 19 3/4"



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



PA5413 / 17 7/8" x 25 1/8"



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



PA5613 / 18 5/8" x 26 1/2"



PA5651 / 20" x 26 1/4"



PA5653 / 20" x 26 1/4"



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



PA8033 / 20 1/2" x 20 1/4"



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



PA8523 / 18 1/4" x 14 1/2"

**POPULAR WALL MOUNTS**

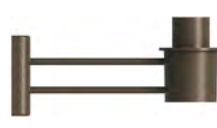
See Wall Mount Section on Website for Specification Sheets and additional wall mount arms. Dimensions are Projections x Height.  
[Click here for all Wall Mount styles](#)



WM3351 / 14 1/2" x 17"



WM3353 / 14 1/2" x 17"



WM4511 / 17" x 8"



WM4513 / 17" x 8"



WM5131 / 11" x 16 3/8"



WM5133 / 11" x 16 3/8"



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



WM5163 / 15 3/4" x 13 3/4"



WM5311 / 10 7/8" x 10"



WM5313 / 10 7/8" x 10"



WM5601 / 17 7/8" x 14"



WM5603 / 17 7/8" x 14"

**COLUMN MOUNT**



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

**RIGID STEM MOUNT**



4ST36

**PENDANT CHAIN MOUNT**



PEND-CH3

Project Name: \_\_\_\_\_

Fixture Type: \_\_\_\_\_ Quantity: \_\_\_\_\_

Customer: \_\_\_\_\_

**FINISHES COLORS**

STANDARD																				PREMIUM								
WHITE	TEXTURED WHITE	SILVER	PAINTED CHROME	PAINTED GALVANIZED	PUTTY	TEXTURED SILVER	TEXTURED BLACK	MATTE BLACK	BLACK	BLACK VERDE	PATINA VERDE	FOREST GREEN	AQUA GREEN	ASPEN GREEN	BRIGHT BLUE	NAVY	SUNNY YELLOW	CANTALOUPE	LILAC	BRIGHT RED	PAINTED COPPER	COPPER CLAY	ARCHITECTURAL BRONZE	TEXTURED ARCHITECTURAL BRONZE	TEXTURED DESERT	GRAYSTONE	OIL RUBBED BRONZE	CARBON GRAPHITE