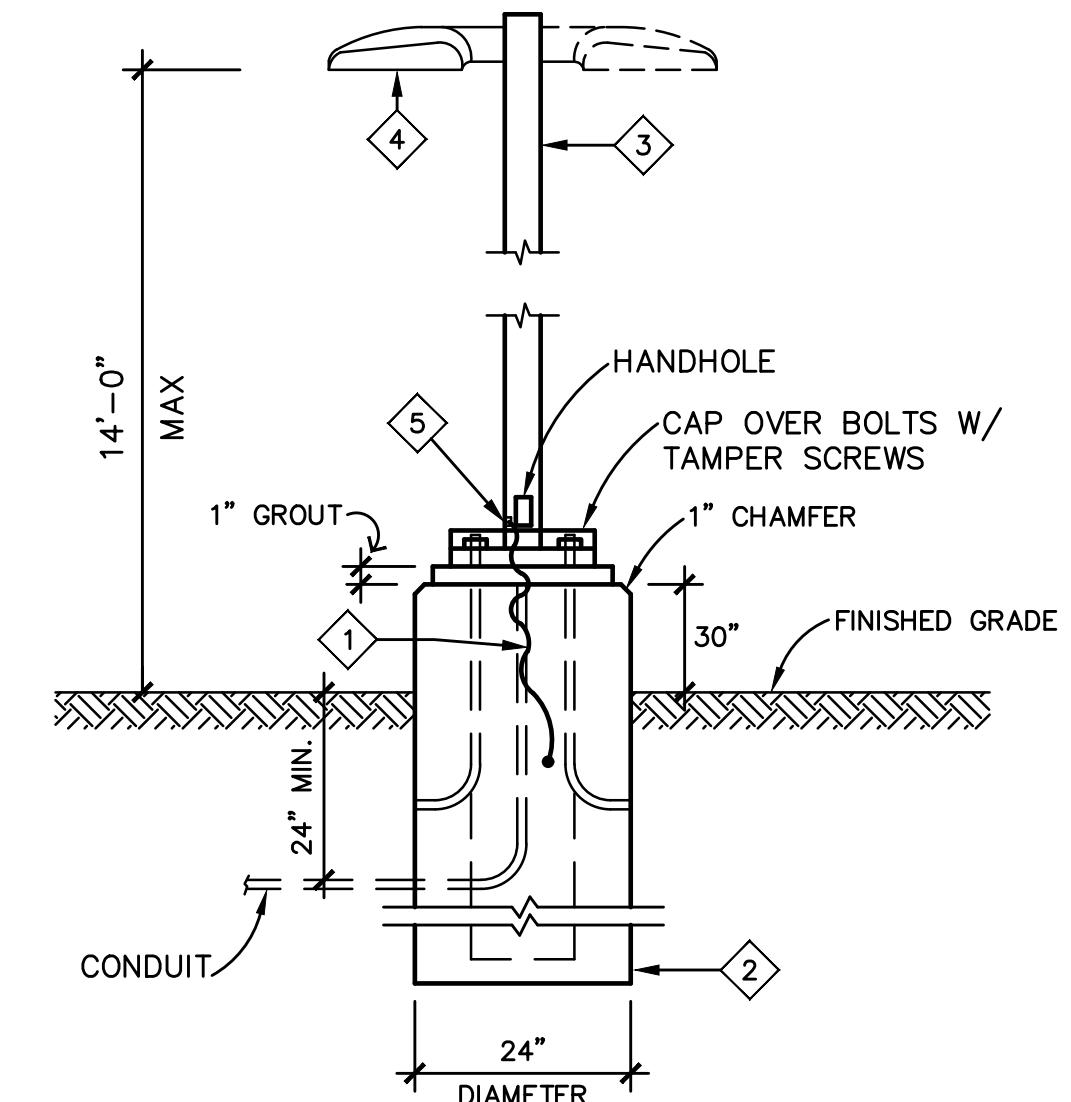


GENERAL NOTES:

- . ALL EXTERIOR LIGHT FIXTURES TO COMPLY WITH LOCAL SKY ORDINANCE.
- . ALL EXTERIOR LIGHTING AND SIGNAGE TO BE FED WITH 10 CU. U.N.O.
- . ALL EXTERIOR ELECTRICAL EQUIPMENT TO BE NEMA-3R RATED.
- . CONTRACTOR TO COORDINATE EXACT SITE LIGHTING FIXTURE LOCATIONS WITH LANDSCAPE DRAWINGS.
- . ALL FIXTURES INSTALLED OUTDOORS SHALL BE RATED FOR DAMP/WET LOCATIONS AS REQUIRED. THE CONTRACTOR SHALL COORDINATE DAMP/WET LOCATION RATING PER NEC ARTICLE 410.10(A). ALL INSTALLATIONS SHALL CONFORM TO NEC ARTICLE 410.10, ALL SUBARTICLES.
- . ALL PVC CONDUIT MUST HAVE A MINIMUM OF #12 CU. ROUND CONDUCTOR.



LIGHT POLE AND FIXTURE

NOTE: CONTRACTOR SHALL PROVIDE NEW POLE BASES WHERE INDICATED ON PLANS. LIGHTING FIXTURE POLE DETAILS AND DESCRIPTIONS ARE FOR ELECTRICAL REFERENCES ONLY. THE POLE AND BASE SHALL BE DESIGNED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF **ARIZONA** AND BE STAMPED AND SEALED ACCORDINGLY AS A DEFERRED SUBMITTAL. N.T.S.

KEYED NOTES :

1. #4 BARE CU. CONDUCTOR, 20'-0" LONG, COILED CONTINUOUS WITHIN THE LIGHT POLE BASE AND BONDED TO REBAR. NOTE: WIRE MAY BE COILED AT THE BASE OF HOLE.
2. CONCRETE BASE SEE STRUCTURAL DRAWINGS.
3. 4" SQUARE TO MATCH FIXTURE (100mph RATED)
4. SEE FIXTURE SCHEDULE FOR TYPE.
5. PROVIDE (2) LIQUID TERMINAL ATTACHED TO GROUND STUD.

Professional Engineer
NO. 32857
(Electrical)
BRYAN P.
JEHLING
06-18-22
Date Signed
ARIZONA, U.S.A.

SHEET NO.
E00

**MAVEN
ENGINEERING**

8011 S Avenida del Yaqui
Guadalupe, Arizona 85283

Job #25RLM076
Tel: (480) 303-0180
Fax: (480) 302-7927

Note: Any changes made to final bid documents due to field changes will be billed hourly to the contractor.

ELECTRICAL PHOTOMETRIC

SCALE: 1" = 30'-0"

= N

Legacy on Porter

NEC Maricopa - Porter Road and Casa Grande Hwy. City of Maricopa, AZ

Guadalupe, Arizona 85283

Note: Any changes made to final bid documents due to field changes will be billed hourly to the contractor.

UPWARD ARCHITECTS

1155 W. Rio Salado Parkway, Suite B-101
Tempe, AZ 85281
Ph 602 753 5222 www.upwardarchitects.com

PINNACLE
ARCHITECTURAL LIGHTING®

Project Name _____

Date _____

Type _____

ST4/ST8

EDGE EX3WET
3" Suspended Direct Linear WET

Key Features

- Approved for wet location unless otherwise noted. IP66 and IK10 rated
- 6063-T5 Extruded aluminum housing
- Highly reflective die-formed white painted reflector
- All-inclusive module houses all LED system components in one compact unit
- Unit easily releases from the housing for room-side maintenance
- Wiring access available through bottom of housing
- 5-year limited warranty covers LED, driver and fixture
- ETL listed conforming to UL 1598 in US and CSA 250 in Canada
- Buy American Act compliant

Example Part #: EX3-WET-N-830HO-8'-IND-AC48G1-U-FSD-1

EX3	- WET -	- N -	-	-	-	-	-	-	-	-	-	-	-
	DIRECT SHIELDING	INDIRECT SHIELDING	CRI, CCT & OUTPUT	LENGTH	MOUNTING	VOLTAGE	DRIVER	CIRCUITING	BATTERY & EMERGENCY	FINISH	EXAMPLE	OPTIONS	

WET	N	-----	-----
DIRECT SHIELDING	INDIRECT SHIELDING	CRI, CCT & OUTPUT ¹	LENGTH ²
WET - Satin Wet Lens Shielding pg. 2	N - None Shielding pg. 2	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K 50 - 5000K CL - Custom Lumens CW - Custom Watts Lumen Output pg. 2	--- Individual Fixture Length pg. 2

---	---	---	---
POSITION ³	MOUNTING ^{4,6}	VOLTAGE	DRIVER
IND - Individual Fixture BOR - Beginning of Row MOR - Middle of Row EOR - End of Row Position pg. 3	PP - Pendant to J Box PP - ST - Pendant to Structure WA - Wall Mount S - Surface Mount Mounting pg. 3	U - Universal (120 thru 277V) 1 - 120V 2 - 277V 3 - 347V Voltage pg. 3	FSD - Factory Select Driver (1%, 0-10v) PL2 - Advance Xitanium (1%, 0-10v) OL2 - eldoLED Optotronic (1%, 0-10v) OL4 - eldoLED Optotronic 347V (1%, 0-10v) EEL - eldoLED ECOdrive (1%, 0-10v) ES1 - eldoLED SOLOdrive (0.1%, 0-10v) LH1 - Lutron Hi-lume (1%, EcoSystem) PS1 - Advance Xitanium (50%/100%) Driver pg. 3

---	---	---	---	---
CIRCUITING	BATTERY & EMERGENCY ⁵	FINISH	Fixture Options ⁶	CONTROLS
1 - Single Circuit M - Multi Circuit E - Emergency (entire fixture) N - Night Light (entire fixture) Circuiting pg. 4	0 - None FSG - Factory Select ALCR GI - Iota ETS DR GB - Bodine GTD ILL - Iota 10w Integral E - Emergency Section N - Night Light Section L - Life Safety Section Battery and Emergency pg. 4	W - White S - Metallic Silver BL - Textured Black BR - Bronze GR - Graphite CC - Custom Color Finish pg. 4	GLR - Internal Fast Blow Fuse EPF - End Power Feed DSP - Customer Supplied Battery/Driver/Sensor N - Natatorium (corrosion resistant hardware) Fixture Options pg. 5	<i>Pinnacle is able to accommodate different control solutions from different manufacturers. Consult factory for more information.</i>

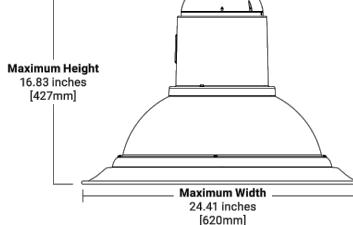
¹When specifying OUTPUT the first _ is for specifying either 8 - 80CRI or 9 - 90CRI. The ending _ are for specifying output, example HO - High Output. See output charts for more information. ²Individual fixtures in nominal 2', 3', 4', 5', 6', 7', & 8' lengths, see pg. 2 for actual lengths. ³Specify position of fixture. Use IND for an individual fixture, use BOR, MOR, or EOR for building connected rows. ⁴Specify pendant length of either 18" or 24". ⁵Enter quantity for Battery and Emergency. Example 2P. ⁶Natatorium only available with surface mount option.

Specifications and dimensions subject to change without notice. Specification sheets that appear on pinnacle-ltg.com are the most recent version and supersede all other previously printed or electronic versions.

Designed in Denver, CO • USA | pinnacle-ltg.com | O: 303-322-5570

EX3_WET_LED_SPEC_OCT2024

A brand of 

Project		Catalog #		Type	SA/SB			
Prepared by		Notes		Date				
								
Interactive Menu <ul style="list-style-type: none"> Ordering Information page 2 Accessory & Mounting Details page 3 Installation Overview page 9 Energy and Performance Data page 10 Optical Distributions page 12 			<h2>Invue Epic</h2> <p>Decorative Pendant Luminaires</p> <h3>Product Certifications & Features</h3> 					
<h3>Product Specifications</h3> <p>OPTICAL</p> <ul style="list-style-type: none"> Choice of eight patented, high-efficiency AccuLED Optic™ technology options and five wavestream optics Optics are IP66 enclosure rated 9 Correlated Color Temperature (CCT) options: <ul style="list-style-type: none"> 70 CRI: 2200K, 2700K, 3000K, 4000K, 3500K 5000K 80 CRI: 3000K, 4000K Amber for wildlife-friendly and observatory applications Optional field-installable shields for superior spill light control (discrete LEDs only): <ul style="list-style-type: none"> Single-piece snap-on square shields Multiple-piece configurable vertical perimeter shielding <p>ELECTRICAL</p> <ul style="list-style-type: none"> 120-277V, 347-480V, 347V, and 480V; 50/60Hz Standard 0-10V dimming 10kV and 20kV surge protection options in series and parallel versions Standard 3-position terminal block Suitable for operation in -40°C to 40°C ambient environments 			<p>PHYSICAL CHARACTERISTICS</p> <ul style="list-style-type: none"> Cast aluminum top housing attaches to cast aluminum mounting arm hub with four fasteners One-piece silicone gasket between casting and power wires seals out moisture and contaminants Continuous silicone gaskets are used to seal the lens and mechanical structures Tall fixture configurations feature a field-serviceable center section which can lift to allow easy access to surge module, PCR, and FADC Heavy gauge precision spun aluminum shades offer superior surface finish and consistency in form Optional tenon-mount bishop arm for post top retrofits <ul style="list-style-type: none"> Full selection of compatible mounting arms available in accessories section Housing finished in 5-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness 7 standard color options, plus a wide range of custom colors (Consult your Cooper Lighting representative for custom color options) Approximate Weight: 26 lbs (tall); 21 lbs (short) Fixture EPA: 0.70 (tall); 0.50 (short) <p>CONTROLS</p> <ul style="list-style-type: none"> Optional ANSI C136.10 7-pin receptacle for photocells or Networked Lighting Control (NLC) modules Optional Field Adjustable Dimming Control Module (FADC) <ul style="list-style-type: none"> Enables manual adjustment of power consumption and lumen output. Factory preset to highest output level for option selected Allows a single fixture SKU to cover multiple field applications with manual adjustment at installation Optional 4-pin Zhaga Book 18 receptacle for integration of onboard sensors with DALI- and D4i-enabled drivers <p>COMPLIANCE</p> <ul style="list-style-type: none"> DarkSky approved for 3000K CCT and warmer UL Wet Location rated <p>WARRANTY</p> <ul style="list-style-type: none"> Five-year limited warranty. Consult website for details. www.cooperlighting.com/legal 					
<h3>Dimensional Details</h3>  <p>Maximum Height 16.83 inches [427mm]</p> <p>Maximum Width 24.41 inches [620mm]</p> <p>See configurations for more detailed information.</p>								
<p> COOPER Lighting Solutions a @signify business</p> <p>P551634624 page 1 January 16, 2025 1:42 PM</p>								

ALU ROUND MINI

L1

Wall effect series. Fixtures consist of:

- Multi-step powder-coat painting process, optimized against UV rays and corrosion.
- Copper-free precision machined anodized aluminum housing and optical compartment.
- Satin UV-stabilized diffuser.
- Custom molded, anti-aging gasket(s).
- Stainless steel external hardware.
- Custom MCPBC utilized to maximize heat dissipation and promote a long LED life.
- Wall effects light emission.

- To be used with a low-voltage, constant-current (700 mA) driver (ordered separately, consult factory for more information).
- Consult factory for dimming options, custom finishes (please specify RAL color), and non-cataloged CCT (Kelvin) options.
- Matching junction box plate optional accessory available (ordered separately).
- Product meets Buy American Act requirements within ARRA.
- 5-year warranty.
- Marine Grade finish.

FINISHES

- BK-40 / Anodized black / Matt
- GR-EV1 / Anodized aluminum / Matt
- AN-96 / Iron gray / Textured
- BK-81 / Black / Textured
- GR-94 / Aluminum metallic / Textured
- WH-87 / White / Textured
- RB-10 / Iron rust / Textured

ALU ROUND
MINI

Scan here
for installation
instructions

Lumen Output	27K	3K	35K	4K	6K
Alu Round MINI Full	63	64	67	70	76
Alu Round MINI Shade	51	54	57	61	68
Alu Round Mini Side 1	22	24	26	27	29
Alu Round Mini Side 4	15	17	18	20	22
Alu Round Trim	64	67	70	72	78

2.1W Max Wattage

Revision 13
03/25

SYP402
SYRIOS PRO
WALL

PROJECT NAME:

QUANTITY:

TYPE: SC

ORDERING CODE:

- ① Robust cast aluminum wall mounting box.
- ② Sturdy galvanized steel mounting plate.
- ③ Seamless extruded aluminum cylindrical housing.
- ④ Asymmetric heatsink for perfect blend of clean aesthetic and efficient heat dissipation.
- ⑤ Sleek and durable sealed cast aluminum up and down light assembly.
- ⑥ 30° tilt and 355° rotation for light adjustability.
- ⑦ Faceted specular aluminum reflector offers smooth lighting and reduced glare (NR/FLD/VWD). While TIR collimator lens focuses light in a very narrow beam.

SYP402

MATERIALS

Syrios Pro is made of corrosion resistant 360 aluminum alloy with a copper (CU) content of less than 0.1%. The main housing is made of seamless 6063 extruded aluminum, with an integrally sealed LED light module designed for optimal heat dissipation, and lighting performance.

ELECTRICAL DRIVER

Driver is 0-10V dimming-ready (dims to 1%) with: 120-277 multi-volt (50-60Hz) or 347-480 high-volt (50-60Hz), operating temperature range of -30°C/-22°F to 45°C/113°F, output over voltage protection, output over current protection and output short circuit protection with auto-recovery.

LED LIGHT ENGINE

Offered in 2700K/3000K/3500K/4000K CCT with 80 CRI. 70% LED lumen maintenance at 60,000 hours (L70B50) based on IESNA.

LM-80-08 LED extrapolated life, calculated per IESNA TM-21-21.

Optional true amber LED for turtle sensitive areas.

Wavelengths: 585nm to 597nm.

RGBW with white CCT available in 3000K and 4000K.

Quad chip technology, enabling optimal color mixing under each individual optic.

FINISH

Five-stage preparation process including preheating of cast aluminum parts for air extraction, and an environmentally friendly alloy sealant. Polyester powder coating is applied through an electrostatic process and oven cured for long term finish.

CERTIFICATION

UL Certified to Canadian and U.S. safety standards. Certified for use in wet locations. Rated IP65. Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Actual performance may differ as a result of end-user environment and application.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: <https://www.acuitybrands.com/support/warranty/terms-and-conditions>

MOUNTING

The mounting plate is designed to fit on a 4" (102mm) octagonal electrical box using 3.5" (89mm) C/C mounting holes. Additional mounting holes are provided as per site requirements.

MEASUREMENTS

Maximum weight: 12.7 lbs (5.8 kg)

LUMINIS.COM

Toll free: (866) 586-4647 | Fax: (514) 683-8872 | Email: info@luminis.com
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

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SYP402

Rev. 01/29/25

Page 1 of 4



ARC2 LED

Architectural Wall Luminaire



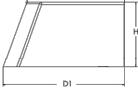





Specifications

(D1):	9.25"
(D2):	7.5"
t:	5"
z:	14"
ut options)	11 lbs

D2



W

H

D1

Introduction

The Lithonia Lighting ARC LED wall-mounted luminaires provide both architectural styling and visually comfortable illumination while providing the high energy savings and low initial costs for quick financial payback.

ARC2 delivers up to 6,500 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. It offers integrated emergency battery backup options, including an 8W cold temperature option, making it suitable for pedestrian scale applications in any environment.

Catalog Number

Notes

Type **W**

Hit the Tab key or mouse over the page to see all interactive elements.

ARC LED Family Overview

Luminaire	Standard EM, 0°C	Cold EM, -20°C	Approximate Lumens (4000K)				
			P1	P2	P3	P4	P5
ARC1 LED	4W	--	1,500	2,000	3,000	--	--
ARC2 LED	4W	8W	1,500	2,000	3,000	4,000	6,500

Ordering Information

Package	Color Temperature	Voltage	Options	Finish
P1 1,500 Lumens	30K 3000K	MVOLT 347 ¹	E4WH	DDBXD Dark bronze
P2 2,000 Lumens	40K 4000K		E8WC	DBLXD Black
P3 3,000 Lumens	50K 5000K		PE	DNAXD Natural aluminum
P4 4,000 Lumens			DMG	DWHXD White
P5 6,500 Lumens			SPD6KV	DSSXD Sandstone

EXAMPLE: ARC2 LED P2 40K MVOLT PE DDBXD

Accessories

Ordered and shipped separately.

Surface-mounted back box (specify finish)

NOTES

1 347V not available with E4WH, E8WC and SPD6KV.

2 FAO not available with DMG.

LITHONIA
LIGHTING[®]

COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com

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ARC2 LED
Rev. 03/02/22

PINNACLE
ARCHITECTURAL LIGHTING®

EDGE EX3 Suspended Linear WET

Direct Shielding

WET

Satine Wet Lens

Indirect Shielding

N

None

Output

- Specify either 80 or 90 CRI
- Longer lead-time may apply for 90 CRI. Consult factory
- 90 CRI = R9≥50

Custom Output- Lumens OR Wattage

CL _____	Specify CRI, CCT and desired lumens (i.e. CL835500)	specify lumens between standard offering listed below. Lumens are specified per color temp
CW _____	Specify CRI, CCT and desired wattage (i.e. CW9407)	specify watts between standard offering listed below

80 CRI

	Color	Output	Watts per foot	Shielding	
				WET	
830	3000K	Standard	4.7	436	92.8
830HO	3000K	High	8.7	788	91.1
835	3500K	Standard	4.7	445	94.7
835HO	3500K	High	8.7	804	92.9
840	4000K	Standard	4.7	457	97.2
840HO	4000K	High	8.7	827	95.6
850	5000K	Standard	4.7	456	97.0
850HO	5000K	High	8.7	825	95.4

90 CRI

927	2700K	Standard	4.7	344	73.2
927HO	2700K	High	8.7	623	72.0
930	3000K	Standard	4.7	370	78.7
930HO	3000K	High	8.7	668	77.2
935	3500K	Standard	4.7	391	83.2
935HO	3500K	High	8.7	706	81.6
940	4000K	Standard	4.7	391	83.2
940HO	4000K	High	8.7	706	81.6

Length

2	3	4	5	6	7	8
Individual Fixture						
27-1/8" (689mm)						
	39" (991mm)					
		50-3/4" (1289mm)				
			62-5/8" (1591mm)			
				74-5/8" (1895mm)		
					86-1/2" (2197mm)	
						98-3/8" (2499mm)

Specifications and dimensions subject to change without notice. Specification sheets that appear on pinnacle-ltg.com are the most recent version and supersede all other previously printed or electronic versions.

Designed in Denver, CO • USA | pinnacle-ltg.com | O: 303-322-5570 F: 303-322-5568

EX3_WET_LED_SPEC_OCT2024

InVue

Epic

Ordering Information

SAMPLE ORDER NUMBER: EMM2-HTN-SA1B-740-U-5WQ-TB-1-CL-GM

Product Family ^{1,2}	Housing	Light Engine	CRI/CCT	Voltage	Optic	Shade Type	
EMM2= Epic Modern BAA-EMM2= Epic Modern Buy American Act Compliant ³ TA-EMM2= Epic Modern Contemporary Trade Agreements Act Compliant ³	HSN= Short housing ^{4,29} HTN= Tall housing ⁴	Discrete Configurations: SB SA1= 1 Light Square, 5,000lm Nominal SA2= 1 Light Square, 6,000lm Nominal SA2B= 2 Light Squares, 9,500lm Nominal SA2B= 2 Light Squares, 13,000lm Nominal SA2C= 2 Light Squares, 14,000lm Nominal SA3= 3 Light Squares, 17,000lm Nominal SA3B= 3 Light Squares, 19,000lm Nominal	722= 70CRI, 2200K ⁴ 727= 70CRI, 2700K 730= 70CRI, 3000K 735= 70CRI, 3500K ⁷ 740= 70CRI, 4000K 750= 70CRI, 5000K 830= 80CRI, 3000K ²⁴ 840= 80CRI, 4000K ²⁴ AMB= Amber, 590nm ^{4,23}	U= Universal (120-277V) H= High Voltage (347-480V) ^{21,24} 8= 480V ^{21,24} 9= 347V ²¹ DV= DuraVolt Drivers (277-480V) ^{21,24}	Discrete Optics ⁴ T1= Type I T2U= Type II Urban T3= Type III T4W= Type IV Wide TSR= Type V Round 5MQ= Type V Square Medium 5WQ= Type V Square Wide	TB= Tall Bell FL= Flute CO= Cone	
Trim Type	Mounting options	Finish	Options (Add as Suffix)	Controls	Accessories (Order Separately)		
0= No trim 1= Round 2= Flare	CL= Standard Mounting UA= Retrofit Adapter ^A ²⁸ UU= Retrofit Adapter ^B ²⁸	AP= Grey BZ= Bronze BK= Black DP= Dark Platinum GM= Graphite Metallic HN= Harford Green (premium) WH= White RALXXX= RAL Number (premium) HSS ^{2,2}	10MSP= Parallel 10kV MOV Surge Protective Device 10K= Series 10kV UL 1449 Surge Protective Device 20MSP= Parallel 20kV MOV Surge Protective Device 20K= Series 20kV UL 1449 Surge Protective Device 20KL= Series 20kV UL 1449 Surge Protective Device w/light indicator HSA ^{2,2} HA= 50° C High Ambient Temperature ¹¹ CC= Coastal Construction ¹² CP-CEC= Cold Weather Emergency Battery Pack, CEC Compliant (Ambient Temp, 20° to 40°C) ^{14,16,28} XTB= No Terminal Block W= External wire leads 20ft XXXXXX= DOT configuration - contact factory quotes team XXXXXX= Utility configuration - contact factory quotes team	PR= NEMA 3-PIN Twistlock Photocontrol Receptacle ^{14,29} PR7= NEMA 7-Pin Twistlock Photocontrol Receptacle ^{14,29} PSC= Photocontrol Shorting Cap included ¹⁷ NPC= NEMA Photocontrol, Multi-Tap, included ¹⁷ LLPC= Long Life Photocontrol included ¹⁷ FADC= Field Adjustable Dimming Controller ^{16,19} DALI= DALI Driver(s) - check with factory quotes team for availability ¹⁴ D4= D4 driver(s) - check with factory quotes team for availability ¹⁴ Z4= 4-pin DALI receptacle Zhaba Book ¹⁹ WPSZW= WaveLinx Wireless Sensor, 7'-15' mounting height ^{14,27} WPS4WH= WaveLinx Wireless Sensor, 15'-40' mounting height ^{14,27} WLS2WH= WaveLinx Wireless Sensor with Bluetooth, 7'-15' mounting height ¹⁹ WLS4WH= WaveLinx Wireless Sensor with Bluetooth, 15'-40' mounting height ¹⁹ ZSC= Zhaba Book 18 shorting cap ²⁸	0A1223= 10kV Surge Module PBHSS= House Side Shield (Single) ^{8,25} PBPFK= Perimeter Fence Shield Kit (4 Pieces) 0A/RA1013= Photocontrol Shorting Cap 0A/RA1014= NEMA Photocontrol - 120V 0A/RA1016= NEMA Photocontrol - Multi-Tap 0A/RA1027= NEMA Twistlock Photocontrol - 480V	Mounting Accessories (Order Separately)	
MODERN							
VA109=XX- Flat Bracket Bishop Wall Mount Arm VA109P=XX- Flat Bracket Bishop Pole Mount Arm VA109-XX- Post Top Tenon Mount Bishop Arm (for 3" OD Tenon) VA101-XX- Bishop Wall Mount Arm VA102-XX- Bishop Wall Mount Arm with Cross Rod VA103-XX- Traditional Wall Mount Arm VA104-XX- Traditional Wall Mount Arm with 45° Straps VA105-XX- Bishop Single Pole Mount Arm ²⁹ VA106-XX- Bishop Single Pole Mount Arm with Cross Rod ²⁹ VA107-XX- Bishop Twin Pole Mount Arm ²⁹ VA108-XX- Bishop Twin Pole Mount Arm with Cross Rods ²⁹ VA109-XX- Traditional Single Pole Mount Arm ²⁹ VA110-XX- Traditional Single Pole Mount Arm with Rounded Upper Bar ²⁹ VA111-XX- Traditional Single Pole Mount Arm with Rounded Lower Bar ²⁹ VA112-XX- Traditional Single Pole Mount Arm with 45° Upper Bar ²⁹ VA113-XX- Traditional Single Pole Mount Arm with 45° Lower Bar ²⁹ VA114-XX- Traditional Single Pole Mount Arm with 45° Upper Strap ²⁹ VA116-XX- Traditional Twin Pole Mount Arm ²⁹ VA117-XX- Traditional Twin Pole Mount Arm with Rounded Upper Bars ²⁹ VA118-XX- Traditional Twin Pole Mount Arm with Rounded Lower Bars ²⁹ VA119-XX- Traditional Twin Pole Mount Arm with 45° Upper Bars ²⁹ VA120-XX- Traditional Twin Pole Mount Arm with 45° Lower Bars ²⁹ VA121-XX- Traditional Twin Pole Mount Arm with 45° Upper Straps ²⁹ VA122-XX- Mast Arm Adapter ²⁹							
NOTES:							
1. Cooper is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional support information. 2. DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details. 3. Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to DOMESTIC.PREF.COM website for more information. 4. Not available with PR or PR7 photocontrol or PADC 5. Limited access for field service 6. Will include sensor window if PR or PR7 options are selected 7. Not available with SA1A or SA2A configurations 8. Not available with V1, T1, TSR, 5MQ, or SWQ optics 9. Not available with HA (High Ambient) option 10. Not available with RW or WT4 options 11. Not available with V1A, V1B, V1C or V2A configurations 12. Not available with T1, TSR, 5MQ, or SWQ optics 13. Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654. 14. Must choose XTB (no terminal block) 15. Not available with V1A, V1B, V1C or V2A configurations 16. Not available with HSP (Short Housing) option 17. Must select PR or PR7 18. Not available with PRT option 19. Not available with D4 or D4 driver option 20. Must select Z4 21. Not available with SA1A, SA1B, VA configurations 22. Not offered with (120-277V) 23. For corner mounting, Amber only available with V1A and V3A. For SA configurations, Amber only available with SA1A and SA2A. 24. Only for use with 480V power source. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (common High Leg Delta and Three Phase Corner Grounded Delta Systems). 25. Not available for use with 5WQ optics 26. Not available for use with 5WQ optics 27. WAC Gathers required to enable field-configurability. Order WAC-PoE and WPOE-120 (10V to PoE injector) power supply if needed. WAC not required for LC Bluetooth sensors. 28. Factory installed retrofit adapter available for installation with existing competitor arms. Consult your Cooper Lighting Solutions representative for details. 29. NEMA receptacle (PR or PR7) must be mounted on arm if HSN (short housing) is selected. 30. If NEMA receptacle is to be mounted on arm, add -PR or -PR7 to arm (ex. VA105-BK-PR7).							

COOPER

Lighting Solutions

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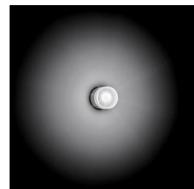
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January 16, 2015 1:42 PM

Order Guide



Full



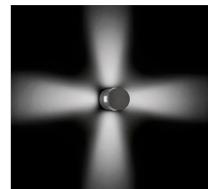
Shade



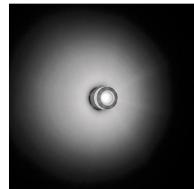
Side 1



Side 4



Trim



Order Guide - Alu Round Mini

Order code example

ARM-F-AA-3K-UNV-NA-JBOX

Series	Housing Style	Finish	Kelvin	Voltage	Controls	Accessories
ARM Alu Round Mini	F Full	Anodized Finishes: AA Anodized Aluminum	27K 2700K	UNV 120-277V Remote Driver Input Voltage	NA Non Dimming	JBOX Jbox cover
	SH Shade	3K 3000K			0-10V 0-10V Remote Dimming Driver	RDR Remote Driver, Please Specify Quantity of Fixtures per Driver (14-max)
	S1 Side 1	35K 3500K			17511-700 1-3 Fixtures In Series	
	S4 Side 4	4K 4000K			ELV 120V Remote Line-Voltage Dimming Driver	REM Remote Battery Pack, Requires Multiple Fixtures wired in series (4-min, 14-max)
	Painted Finishes: IG Iron Gray IR Iron Rust WH Textured White CC Custom Color	6K 6000K			For more Options Contact Factory	BABA Build America Buy America Act Compliant
		RED Static Red				
		GRN Static Green				
		BLU Static Blue				
		AMB 590nm Amber (turtle-friendly)				

80 CRI STANDARD - OTHER OPTIONS AVAILABLE

Performance in Lighting reserves the right to make all necessary changes without prior notice.
 Performance in Lighting - 2621 Keys Pointe - Conyers, Georgia 30013 - USA - voice 770.822.2115 - info.usa@pilighting.com

Revision 13

03/25

LUMINIS®

SYP402
SYRIOS PRO
WALL

ORDERING CODE

*SERIES	*DOWNLIGHT OUTPUT	*DOWNLIGHT DISTRIBUTION	*UPLIGHT OUTPUT	*UPLIGHT DISTRIBUTION	CCT	*VOLTAGE
SYP402	Static White L1L10 1344 lm / 12w L1L20 2335 lm / 23w L1L30 2840 lm / 30w RGBW L1RGBW ⁴ 338 lm / 24w True Amber L1LK2A ⁴ 544 lm / 9w Delivered lumens calculated at 4000W/80CRI except for RGBW and amber. Flood optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.	NR Narrow optic 15° FLD Flood optic 30° VWD Very wide optic 55°	Static White UL1L10 1344 lm / 12w UL1L20 2335 lm / 23w UL1L30 2840 lm / 30w RGBW UL1RGBW ⁵ 338 lm / 24w True Amber UL1LK2A ⁵ 544 lm / 9w Delivered lumens calculated at 4000W/80CRI except for RGBW and amber. Flood optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.	UNR Uplight narrow optic 15° UFLD Uplight flood optic 30° UVWD Uplight very wide optic 55°	27K 2700K 30K 3000K 35K 3500K 40K 4000K	120 120V 277 277V 347 347V 480 480V HVOLT 347V-480V MVOLT 120V-277V
	Very Narrow Distribution L1L06 661 lm / 15w Delivered lumens calculated at 4000W/80CRI. Very narrow optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.	VNR Very narrow optic 6°	Very Narrow Distribution UL1L06 661 lm / 15w Delivered lumens calculated at 4000W/80CRI. Very narrow optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.	UVNR Uplight very narrow optic 6°	Required field for all outputs except True amber.	
DOWNLIGHT LENS	UPLIGHT LENS	DOWNLIGHT LOUVERS	UPLIGHT LOUVERS	CONDUIT COVER	PHOTOCELL	SURGE PROTECTOR
ESL Elliptical spread lens ^{3,4} SL Solite lens ^{3,4}	UESL Uplight elliptical spread lens ^{3,5} USL Uplight solite lens ^{3,6}	HL Hexcell louver	UHL Uplight hexcell louver	SWK Decorative cover for 3/4" conduit junction box	PH Photocell ^{6,7}	SP Surge protector
CONTROLS	DUAL SWITCHING	EMERGENCY	*FINISH	WOOD FINISH ¹¹	ENVIRONMENT	
NLTAIR-MS NLTAIR2	nLight AIR 2.0 wireless control with occupancy detection ⁸ nLight AIR 2.0 wireless control ⁷	DS Dual circuit switching (independent uplight & downlight control)	REM7 Remote emergency battery, 90 min, 7W ⁸	BKT Jet black BZT Bronze CHT Champagne DGT Gun metal GRT Titanium gray MST Matte silver SGT Steel gray WHT Snow white CMC Custom matched color ⁹ RAL RAL color ¹⁰	ADG American douglas BRC Birch CHN Chestnut CRY Cherry KNP Knotty pine MPL Maple OFL Oak RSW Rosewood TEK Teak WLN Walnut	MG Marine grade paint ¹² NT Natatorium suitable ¹³

NOTES

- * Denotes a required field
- 1- Delivered lumens with all channels turned on. RGBW uses DM512/RDM as a control input. Available only with 30K, 40K. Not available with 347, 480, HVOLT.
- 2- 37° x 80°.
- 3- Lumen conversion factor (LCF) 0.9.
- 4- Not available with HL.
- 5- Not available with UHL.
- 6- Not available with NLTAIR2, NLTAIR-MS, REM7.
- 7- Not available with 480V, HVOLT.

- 8- Remote mount 501 x 12" (305mm) square enclosure with access cover. The remote enclosure must be interior (cable by others). Emergency battery powers downlight module only. Not available with 347V, 480V, HVOLT, PH, NLTAIR2, NLTAIR2-MS.
- 9- Contact factory to coordinate custom matching color.
- 10- Specify RAL number.
- 11- Faux wood finish not applied to driver housing, lens frame or accessories. Additional delay required. Not compatible with marine grade paint or natatorium suitable.
- 12- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.
- 13- Available only in WHT and BKT finish.

LUMINIS.COM

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SYP402

Rev. 01/29/25

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Performance Data

Lumen Output

Values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	30K (3000K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)				
		Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P1	11W	1,502	142	0	0	1	1,587	150	0	0	1	1,598	151	0	0	1
P2	16W	2,250	140	0	0	1	2,377	147	0	0	1	2,393	148	0	0	1
P3	24W	3,206	135	0	0	1	3,387	143	0	0	1	3,410	144	0	0	1
P4	30W	3,903	128	1	0	1	4,124	136	1	0	1	4,152	136	1	0	1
P5	51W	6,260	122	1	0	1	6,615	129	1	0	1	6,659	130	1	0	1

Electrical Load

Performance Package	System Watts	Current (A)				
		120V	208V	240V	277V	347V
P1	11W	0.090	0.055	0.049	0.046	0.045
P2	16W	0.141	0.081	0.072	0.064	0.059
P3	24W	0.202	0.117	0.103	0.091	0.079
P4	30W	0.280	0.162	0.144	0.128	0.095
P5	51W	0.471	0.272	0.239	0.212	0.158

On Ambient Temperature (LAT) Multipliers

Use factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient	Lumen Multiplier	
0°C	32°F	1.04
10°C	50°F	1.03
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.97

Lumen Output in Emergency Mode (4000K, 80 CRI)

Option	Lumens
E4WH	693
E8WC	1,413

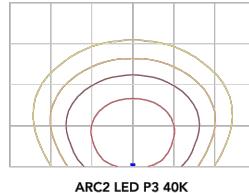
Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11). To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.96	>0.93	>0.88

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting ARC LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.



LITHONIA
LIGHTING

COMMERCIAL OUTDOOR

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ARC2 LED
Rev. 03/02/22

Legacy on Porter

**MAVEN
ENGINEERING** Job #25RLM076
Tel: (480) 303-0180
Fax: (480) 302-7927
8011 S Avenida del Yaqui
Guadalupe, Arizona 85283
Note: Any changes made to final bid
documents due to field changes will
be billed hourly to the contractor.

UPWARD ARCHITECTS