

MAVEN

Job #25RLM076

Tel: (480) 303-018

ENGINEERING Fax: (480) 302-792

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.

## **GENERAL NOTES:**

A. ALL EXTERIOR LIGHT FIXTURES TO COMPLY WITH LOCAL NIGHT SKY ORDINANCE.

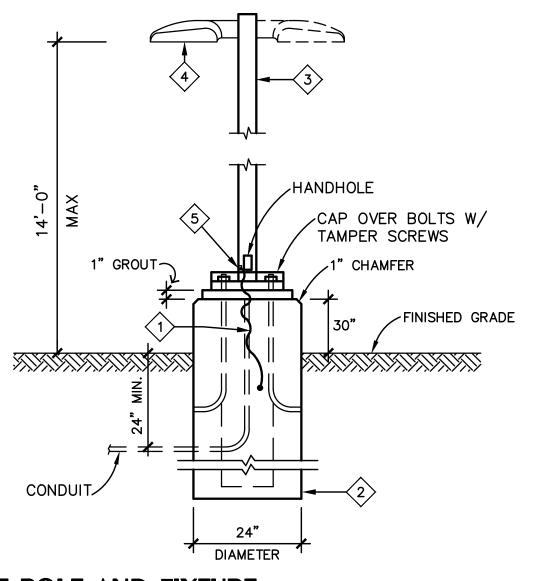
B. ALL EXTERIOR LIGHTING AND SIGNAGE TO BE FED WITH

C. ALL EXTERIOR ELECTRICAL EQUIPMENT TO BE NEMA-3R

D. CONTRACTOR TO COORDINATE EXACT SITE LIGHTING FIXTURE LOCATIONS WITH LANDSCAPE DRAWINGS.

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 SUB

F. ALL PVC CONDUIT MUST HAVE A MINIMUM OF #12 CU. GROUND CONDUCTOR.



## LIGHT POLE AND FIXTURE

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 DEFFERED SUBMITTAL.

## 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.
- CONCRETE BASE SEE STRUCTURAL DRAWINGS. 4" SQUARE TO MATCH FIXTURE (100mph RATED)
- SEE FIXTURE SCHEDULE FOR TYPE.

5. PROVIDE (2) LUG TERMINAL ATTACHED TO GROUND STUD.

SHEET NO. **E0.0** 

**EXPIRES 09/30/25** 

Legacy on Porter

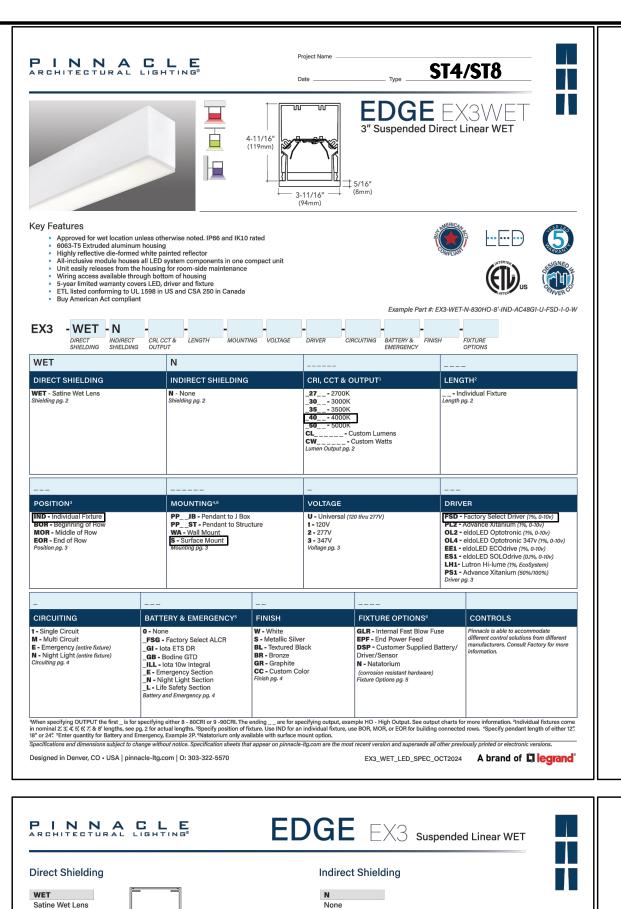
NEC Maricopa - Porter Road and Casa Grande Hwy.

City of Maricopa, AZ

04.08.2025 PROJECT NO. 24112



1155 W. Rio Salado Parkway, Suite B-101 Tempe, AZ 85281 Ph 602.753.5222 www.upwardarchitects.com

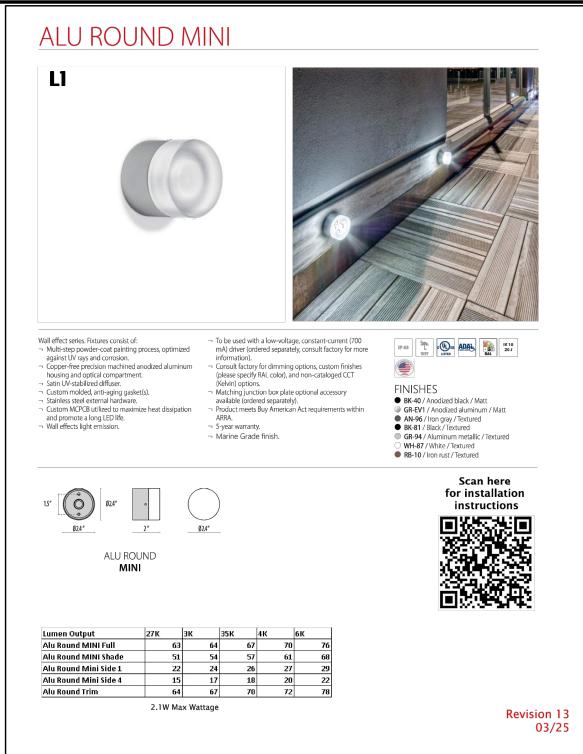


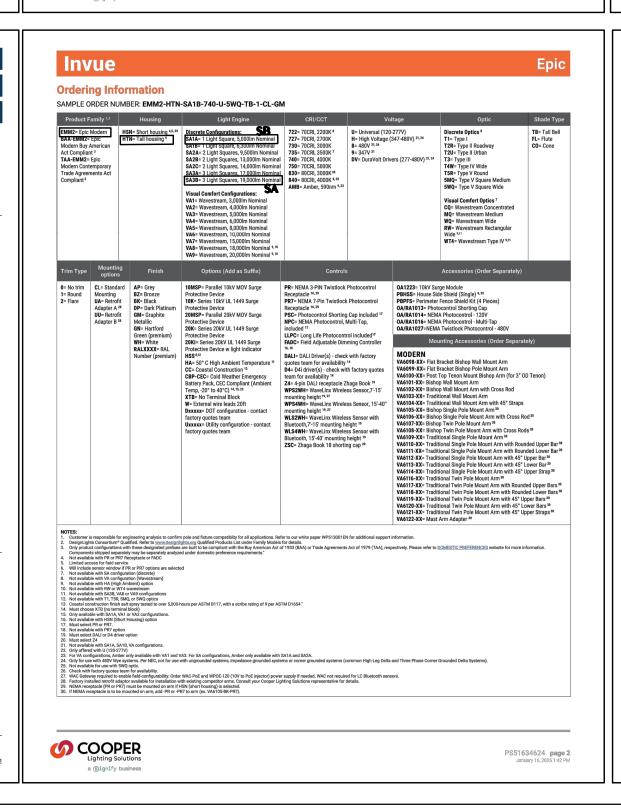
Specifications and dimensions subject to change without notice. Specification sheets that appear on pinnacle-ltg.com are the most recent version and supersede all other previously printed or electronic versions.

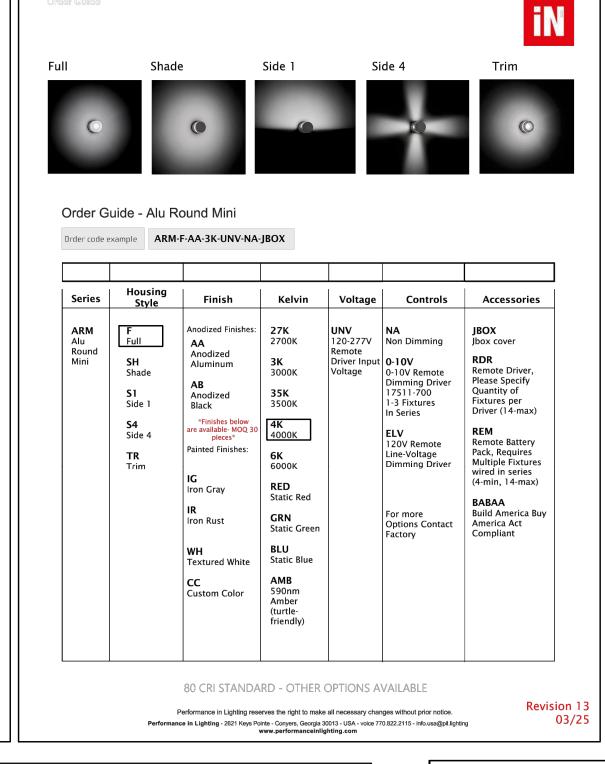
Designed in Denver, CO • USA | pinnacle-ltg.com | O: 303-322-5570 F: 303-322-5568

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



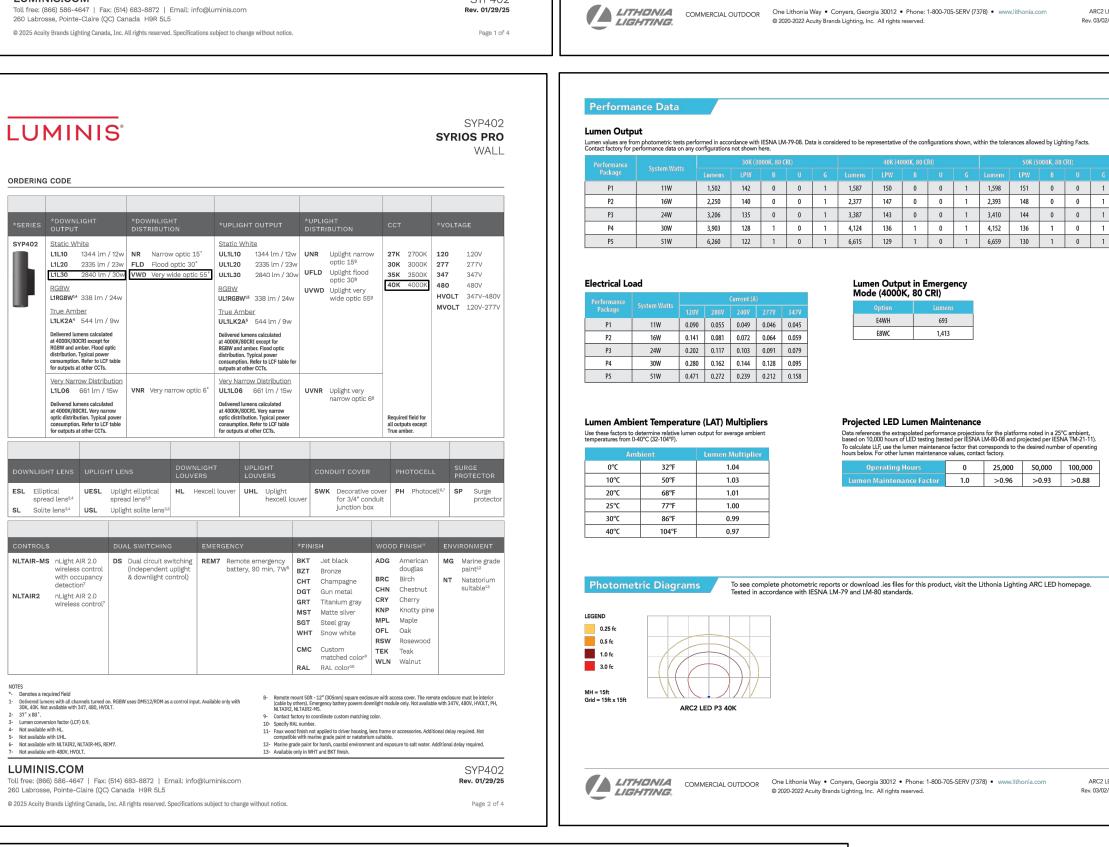






	LUMINAIRE SCHEDULE									
CALLOUT										
L1	•	(1) 51W LED	Performance iN Lighting, 077281	ALU ROUND MINI FULL 2.1W 860 C/W Anodized aluminum	STANDARD	WALL	2.1	MULTIPLE		
SA	•□	(1) 134W LED	COOPER LIGHTING SOLUTIONS INVUE, EMM2-HTN-SA3B 750-U-T5M	EPIC MODERN TALL HOUSING DISCRETE LED ARRAYS 150W 70CRI 5000K FIXTURE W/ TYPE V SQUARE MEDIUM DISTRIBUTION OPTIC	STANDARD	POLE	134	MULTIPLE		
SB	<b>∘</b> □	(1) 33W LED	COOPER LIGHTING SOLUTIONS INVUE, EMM2-HTN-SA1A 740-U-T2R-HSS	EPIC MODERN TALL HOUSING DISCRETE LED ARRAYS 40W 70CRI 4000K FIXTURE W/ TYPE II ROADWAY DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD	STANDARD	POLE	33	MULTIPLE		
SC	•	(1) 51.26W LED	LUMINIS SYP402-L1L30-VWD	SYRIOS PRO SYP402, 4000K	STANDARD	WALL	30	MULTIPLE		

LUMINI	5		SYRIOS PRO WAL
PROJECT NAME:		QUANTITY:	TYPE: <b>SC</b>
ORDERING CODE:			
	<ol> <li>Robust cast aluminum wall mou</li> </ol>	9	
	<ul> <li>Sturdy galvanized steel mounting</li> </ul>		
	<ul><li>Seamless extruded aluminum of the seamless extruded aluminum of th</li></ul>	,	
①·········•	<ul> <li>Asymmetric heatsink for perfect efficient heat dissipation.</li> </ul>	t blend of clean æsthetic and	-
③	Sleek and durable sealed cast a	lluminum up and down light	
<b>485</b>	assembly.	Van	
	© 30º tilt and 355º rotation for ligh		
6&0	<ul> <li>Faceted specular aluminum reflective reduced glare (NR/FLD/VWD). White very narrow beam.</li> </ul>	ctor offers smooth lighting and ile TIR collimator lens focuses light in a	
	very harrow beam.		
		SYP4	02
		6 Fd -1	
MATERIALC		The state of the s	
MATERIALS  Surios Pro is made of corres	sion resistant 360 aluminum alloy with	WARRANTY  5-year limited warranty This is the only wa	rranty provided and no
a copper (CU) content of les	ss than 0.1%. The main housing is made	other statements in this specification shee	create any warranty of
	aluminum. with an integrally sealed for optimal heat dissipation. and lighting	any kind. All other express and implied war Complete warranty terms located at: https	
performance.	,	support/warranty/terms-and-conditions	
ELECTRICAL DRIVER	1.00	MOUNTING	
(50-60Hz) or 347-480 high-v	dy (dims to 1%) with: 120-277 multi-volt volt (50-60Hz), operating temperature C/113ºF, output over voltage protection,	The mounting plate is designed to fit on a electrical box using 3.5" (89mm) C/C mounting below are provided as par site re-	ting holes. Additional
output over current protecti	ion and output short circuit protection with	mounting holes are provided as per site red MEASUREMENTS	qui ementa.
auto-recovery.  LED LIGHT ENGINE			num weight: 12.7 lbs (5.8 l
		IVIGAIII	
	NOK/ADDOK CCT with 80 CPL 70% LED		
Offered in 2700K/3000K/350 lumen maintenance at 60,00	00K/4000K CCT with 80 CRI. 70% LED 00 hours (L70B50) based on IESNA.		
Offered in 2700K/3000K/350 lumen maintenance at 60,00	00 hours (L70B50) based on IESNA. life, calculated per IESNA TM-21-21.		.0" mm)
Offered in 2700K/3000K/350 lumen maintenance at 60,00 LM-80-08 LED extrapolated Optional true amber LED for Wavelengths: 585nm to 5970	00 hours (L70B50) based on IESNA. I life, calculated per IESNA TM-21-21. r turtle sensitive areas. nm.		
Offered in 2700K/3000K/350 lumen maintenance at 60,01 LM-80-08 LED extrapolated Optional true amber LED for Wavelengths: 585nm to 597 RGBW with white CCT availa Quad chip technology, enabl	00 hours (L70B50) based on IESNA. I life, calculated per IESNA TM-21-21. r turtle sensitive areas. nm.		
Offered in 2700K/3000K/350 lumen maintenance at 60,00 LM-80-08 LED extrapolated Optional true amber LED for Wavelengths: 585nm to 597 RGBW with white CCT availa Quad chip technology, enablindividual optic.	00 hours (L70B50) based on IESNA. life, calculated per IESNA TM-21-21. r turtle sensitive areas. nm. able in 3000K and 4000K.		mm) 
Offered in 2700K/3000K/350 lumen maintenance at 60,00 LM-80-08 LED extrapolated Optional true amber LED for Wavelengths: 585nm to 597 RGBW with white CCT availa Quad chip technology, enablindividual optic.	00 hours (L70B50) based on IESNA. life, calculated per IESNA TM-21-21. r turtle sensitive areas. nm. able in 3000K and 4000K. ling optimal color mixing under each	(14mm) (76	mm)
Offered in 2700K/3000K/350 lumen maintenance at 60,0 LM-80-08 LED extrapolated Optional true amber LED for Wavelengths: 585nm to 597 RGBW with white CCT availe Quad chip technology, enablindividual optic. FINISH	00 hours (L70B50) based on IESNA. life, calculated per IESNA TM-21-21. r turtle sensitive areas. nm. able in 3000K and 4000K.	(114mm) (76 (120mm) (210mm)	Ø 1.8"
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Offered in 2700K/3000K/350 lumen maintenance at 60,00 LM-80-08 LED extrapolated Optional true amber LED for Wavelengths: 585nm to 597 RGBW with white CCT availa. Quad chip technology, enablindividual optic. FINISH Five-stage preparation procuparts for air extraction, and Polyester powder coating is and oven cured for long terr	00 hours (L70B50) based on IESNA.  life, calculated per IESNA TM-21-21. r turtle sensitive areas. nm. able in 3000K and 4000K. ling optimal color mixing under each  ess including preheating of cast aluminum an environmentally friendly alloy sealant. applied through an electrostatic process	(14mm) (78 8.3" (210mm) 16.5" (418mm) (203mm)	Ø 1.8" (45mm)
Offered in 2700K/3000K/350 lumen maintenance at 60,0t LM-80-08 LED extrapolated Optional true amber LED for Wavelengths: 585nm to 597 RGBW with white CCT availa Quad chip technology, enablindividual optic. FINISH Five-stage preparation proceparts for air extraction, and Polyester powder coating is and oven cured for long terr CERTIFICATION	00 hours (L70B50) based on IESNA.  life, calculated per IESNA TM-21-21. r turtle sensitive areas. nm.  able in 3000K and 4000K. ling optimal color mixing under each  ess including preheating of cast aluminum an environmentally friendly alloy sealant. applied through an electrostatic process m finish.	(14mm) (78 (210mm) 18.5" (48mm)	Ø 1.8" (45mm) 5.0" (127mm) (4) Ø 0.34"
Offered in 2700K/3000K/350 lumen maintenance at 60,0t LM-80-08 LED extrapolated Optional true amber LED fo Wavelengths: 585nm to 597 RGBW with white CCT availe Quad chip technology, enablindividual optic.  FINISH  Five-stage preparation proceparts for air extraction, and Polyester powder coating is and oven cured for long terr  CERTIFICATION  UL Certified to Canadian and in wet locations. Rated IP65.	00 hours (L70B50) based on IESNA.  life, calculated per IESNA TM-21-21. r turtle sensitive areas. nm.  able in 3000K and 4000K. ling optimal color mixing under each  ess including preheating of cast aluminum an environmentally friendly alloy sealant. applied through an electrostatic process m finish.  d U.S. safety standards. Certified for use . Photometric testing performed by an	(14mm) (78 8.3" (210mm) 16.5" (418mm) (203mm) (223mm) 0 4.5"	Ø 1.8" (45mm) 5.0" (127mm) (4) Ø 0.34"
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Offered in 2700K/3000K/350 Lumen maintenance at 60,0t LM-80-08 LED extrapolate Optional true amber LED fo Wavelengths: 585nm to 597 RGBW with white CCT availa Quad chip technology, enablindividual optic.  FINISH  Five-stage preparation proceparts for air extraction, and Polyester powder coating is and oven cured for long terr  CERTIFICATION  UL Certified to Canadian and in wet locations. Rated IP65, independent laboratory in at at 25%C. Actual performance	00 hours (L70B50) based on IESNA.  life, calculated per IESNA TM-21-21. r turtle sensitive areas. nm.  able in 3000K and 4000K. ling optimal color mixing under each  ess including preheating of cast aluminum an environmentally friendly alloy sealant. applied through an electrostatic process m finish.  d U.S. safety standards. Certified for use . Photometric testing performed by an ccordance with IES LM-79-08 standards e may differ as a result of end-user	(14mm) (78 8.3" (210mm) 16.5" (418mm) (203mm) (223mm) 0 4.5"	0 18" (45mm) 5.0" (127mm) (4) Ø 0.34" (9mm)
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grade um 13	Photometric Diag  LEGEND  0.25 fc  0.5 fc  1.0 fc  3.0 fc  MH = 15ft Grid = 15ft x 15ft	ARC2 LED P3 40K	e complete photometric report d in accordance with IESNA LM	s or download .ies files for this product, visit the Lithonia Lighting ARC LED homepage. -79 and LM-80 standards.
402 <b>29/25</b> 2 of 4	LITHONIA LIGHTING.	COMMERCIAL OUTDO		nyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com AR s Lighting, Inc. All rights reserved. Rev. 0
STANDARD	WALL	31.6	MULTIPLE	32857
STANDARD	WALL	78	MULTIPLE	BRYAN P.  JEHLING  ARIZONA, U.S.  JEHLING  JEHLI
			<b>-i</b>	➡

ARC2 LED

CERTIFIED IN TITLE 20

Depth (D1): 9.25"

14"

Ordering Information

Accessories

Depth (D2):

Height:

Width:

Architectural Wall Luminaire MIGHTIME DE PRENDE

ARCILED 4W -- 1,500 2,000 3,000 --

ARC2 LED 4W 8W 1,500 2,000 3,000 4,000

ARC2 LED P1 1,500 Lumens P2 2,000 Lumens P3 3,000 Lumens P3 3,000 Lumens P3 3,000 Lumens P6 50K 5000K PF Button type shotored life disk-to-dates nonsention DBXD Dark bronze P7 Button type shotored life disk-to-dates nonsention DBXD Black

FAO Field adjustable light output device.
Allows for easy adjustment to the desired light levels, from 20% to 100%<sup>2</sup>

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

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

**EXAMPLE:** ARC2 LED P2 40K MVOLT PE DDBXD

DDBTXD Textured dark bronze

DBLBXD Textured black

DSSTXD Textured sandstone

DNATXD Textured natural aluminum
DWHGXD Textured white

347V not available with E4WH, E8WC and SPD6KV.

quick financial payback.

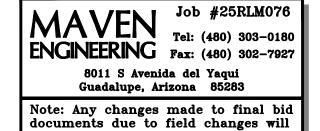
environment.

LUMINAIRE SCHEDULE								
ST4	para	(1) 31.6W LED	COOPER LIGHTING SOLUTIONS 4APVTLD-SL3C3 MID POWER 4000K 120V	4' VAPORTITE STRIP LED	STANDARD	WALL	31.6	MULTIPLE
ST8	-	(1) 78W LED	COOPER LIGHTING SOLUTIONS 8APVTLD-SL3C3 MID POWER 4000K 120V	8' VAPORTITE STRIP LED	STANDARD	WALL	78	MULTIPLE
W	•	(1) 51.26W LED	Lithonia Lighting ARC2 LED P5 40K	ARC2 LED WITH P5 — PERFORMANCE PACKAGE, 4000K	STANDARD	WALL	51.2609	MULTIPLE



0 25,000 50,000 100,000 1 1.0 >0.96 >0.93 >0.88

**E0.1** 



be billed hourly to the contractor.

Legacy on Porter

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City of Maricopa, AZ

ARCHITECTS

1155 W. Rio Salado Parkway, Suite B-101 Tempe, AZ 85281 Ph 602.753.5222 www.upwardarchitects.com

**UPWARD**