















LUMINAIRE LOCATION SUMMARY		
LUM NO.	LABEL	MTG. HT.
1	A21	18
2	A3	18
3-6	A3B	18
7	A4B	18
8-31	CAN1	15.5
32-42	L1	12
43-45	L2	12
46	L3	12
47-53	SF	20.5
54-58	SF	22
59-62	SF	20.5
63-65	SF	22
66-72	SF	18.5
73-77	SF	22
78-80	SF	18.5
81-84	SF	20.5
85-87	SF02	22
88-91	SF02	20.5
92-94	SF04	18.5
95	SF04	22
96-103	SF04	20.5
104-105	SF04	18.5
106-110	SF04	20.5
111-124	SF12	18.5
125-129	SF12	22
130-131	SF12	20.5
132-135	WP1	14.5
136-140	WP2	14.5

LUMINAIRE SCHEDULE										
SYMBOL	QTY	LABEL	ARRANGEMENT	LUMENS	LLF	DIMMING LUMEN MULTIPLIER	BUG RATING	WATTS/LUMINAIRE	TOTAL WATTS	CATALOG LOGIC
	1	A21	Single	5384	1.020	0.610	B1-U0-G1	27.7236	27.724	RSX1 LED P1 50K R2 MVOLT SPA HS FAO (SETTING 4)
	1	A3	Single	17202	1.020	1.000	B3-U0-G3	114.07	114.07	RSX2 LED P2 50K R3 MVOLT SPA FAO
	4	A3B	Single	12072	1.020	1.000	B1-U0-G2	114.07	456.28	RSX2 LED P2 50K R3 MVOLT SPA HS FAO
	1	A4B	Single	4724	1.000	1.000	B1-U0-G1	51.34	51.34	RSX1 LED P1 50K R4 HS
	24	CAN1	Single	15758	1.020	1.000	B3-U0-G1	89.4982	2147.957	RCNY LED ALO2 50K 80CRI SYMC MVOLT (SW. POS. 5)
	11	L1	SINGLE	2238	1.020	1.000	N.A.	25.15	276.65	LBR6 ALO2 20LM SWW1 (4000K) AR LSS MWD 90CRI WL
	3	L2	Single	4570	1.000	1.000	N.A.	54.9	164.7	M-SX024-40 (15 FT)
	1	L3	Single	3656	1.000	1.000	N.A.	43.92	43.92	M-SX024-40 (12 FT)
	38	SF	Single	110	1.000	1.000	N.A.	1.04	39.52	PL-OP2-PD324-P-NW
	7	SF02	SF 2FT	110	1.000	1.000	N.A.	1.04	58.24	PL-OP2-PD324-P-NW
	19	SF04	SF 4FT	110	1.000	1.000	N.A.	1.04	276.64	PL-OP2-PD324-P-NW
	21	SF12	SF 12FT_1	110	1.000	1.000	N.A.	1.04	960.96	PL-OP2-PD324-P-NW
	4	WP1	Single	6614	1.020	1.000	B1-U0-G1	51.2609	205.044	ARC2 LED P5 40K MVOLT
	5	WP2	Single	1587	1.020	1.000	B0-U0-G1	10.6112	53.056	ARC2 LED P1 40K MVOLT

REV.	BY	DATE	DESCRIPTION
R1	CIS	3/12/25	UPDATED SITE PLAN
R2	FNW	6/11/25	REVISED PER UPDATED SITE PLAN
R3	FNW	6/17/25	REVISED PER UPDATED SITE PLAN
R4	JSC	6/26/25	REVISED PER UPDATED SITE PLAN

REV.	BY	DATE	DESCRIPTION
R5	FNW	10/2/25	REVISED PER UPDATED SITE PLAN
R6	FNW	10/10/25	REVISED PER UPDATED SITE PLAN

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SCALE:  
1" = 30'  
DWG SIZE:  
D

LAYOUT BY:  
FNW  
DATE:  
3/3/2025

PROJECT NAME:  
**CIRCLE K**  
**MESA, AZ**  
DRAWING NUMBER:  
**RL-10076-S1-R6**





ADDITIONAL FIXTURE INFO 



Technical drawing of a rectangular metal mesh. The drawing shows a perspective view of the mesh with dimensions L (length), W (width), and H (height). The mesh is composed of horizontal and vertical bars forming a grid pattern.

design select


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ADDITIONAL FIXTURE INFO 



design select


by a shaded background qualify for the Design Select program and ship in 15  
To learn more about Design Select, visit [www.acuitybrands.com/designselect](http://www.acuitybrands.com/designselect).  
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### ADDITIONAL FIXTURE INFO



luminaires. With over 100,000 hour life expectancy (12+ years of 24/7 continuous operation), the RCNY LED luminaire provides significant maintenance savings over traditional luminaires. Class 1 Division 2 also available. Wet location junction box available upon request.

 **LITHONIA  
LIGHTING** One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • [www.lithonia.com](http://www.lithonia.com) **ICNY LED**  
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ADDITIONAL FIXTURE INFO 




• RESED TO CURRENT ICS AND NEMA STANDARDS UNDER STABILIZED LABORATORY CONDITIONS.  
• CR: 80 TYPICAL

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DOWNLIGHTING (8/85)



Section length	Max. length/ 96 W P S	W/max. length	SKU



**SLOAN** We Speak Sign Language

[illegible]

# RSX PILE DRILLING

Template #

# RSX2 - Luminaire EPI

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Asymmetric Clear Lens										RCV LED AL02 S0K			
Performance Ratio	Series	Order	S01		S02		S03		S04		S05	S06	
			1000W, 75°C	1000W, 75°C	1000W, 75°C	1000W, 75°C	1000W, 75°C	1000W, 75°C					
A001	1	26	1.076	1.076	1.431	1.431	1.589	1.57	2.678	1	5		
A002	2	45	1.626	1.57	4.072	4.072	4.896	1.5	4.70	3	5		
A003	3	63	2.672	1.57	6.618	6.618	8.415	1.5	5.552	5	5		
A004	4	79	3.612	1.58	10.04	10.04	12.98	1.5	2.54	5	5		
A005	5	86	4.261	1.58	11.57	11.57	14.50	1.5	3.5	5	5		
A006	6	14	14.89	1.54	15.05	15.05	15.34	1.5	16.40	10	5		
A007	7	12	15.88	1.59	15.84	15.88	17.18	1.5	17.15	10	5		
A008	8	141	16.29	1.59	16.83	16.88	18.29	1.5	18.05	10	5		
A009	9	34	1.587	1.55	1.886	1.92	1.579	1.52	1.52	10	5		
A010	10	25	2.796	1.52	3.288	3.288	3.408	1.52	3.408	10	5		
A011	1	31	1.877	1.55	4.242	4.14	4.199	1.52	2.688	10	5		
A012	2	40	1.587	1.55	5.880	5.880	5.880	1.52	5.716	10	5		
A013	3	47	6.032	1.55	1.551	1.602	1.602	1.52	4.507	10	5		
A014	4	53	7.893	1.52	7.483	7.483	7.567	1.52	5.726	10	5		
A015	5	60	7.886	1.52	8.422	8.422	8.429	1.52	5.675	10	5		


[illegible]

### Types of Feed

The figure displays four different types of feed configurations for a mechanical part, arranged in a 2x2 grid. Each image shows a white plastic component with a red feed tube. The top-left image shows the 'Bottom feed' from a 'Top view', where the feed tube enters from the bottom. The top-right image shows the 'Bottom feed' from a 'Front view', showing the feed tube entering from the bottom. The bottom-left image shows the 'End feed' from a 'Top view', where the feed tube enters from the side. The bottom-right image shows the 'End feed' from a 'Front view', showing the feed tube entering from the side.

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RCNY LED  
Rev. 02/20/25

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QTY	LABEL	DESCRIPTION
38	SF	PL-OP2-PD324-P-NW
7	SF02	PL-OP2-PD324-P-NW
19	SF04	PL-OP2-PD324-P-NW
21	SF12	PL-OP2-PD324-P-NW



## POD 3-24V™ M-SFPT3-XX-24



POD 3 OPTIONS				
CCT / WAVELENGTH	SKU	Efficacy (TYP)	Intensity	UL Part Number
5000K	M-SFPT3-50-24	100 LM/W	110 LM/mod (30% LM/ft.)	PL-OP2-PD324-P-NW
6800K	M-SFPT3-68-24	100 LM/W	110 LM/mod (30% LM/ft.)	PL-OP2-PD324-P-SW



### SPECIFICATIONS

Beam Angle	30° x 15°	Packaging	Per Bag	88 Mods (24.58ft.)
Certifications	UL & cUL Recognized (SAM Manual), CE, RoHS		Per Case	968 mods (12.465ft.)
Dimensions	0.91"W x 1.73"L x 0.46"H	Bag Color		Green/Green & White
Mounting Options	Peel & Stick, Mechanical Screw Hole	Power		1.04 W/mod (3.58ft.)
Input	24V	Max Mods per Power Supply		88
Operating Temp	-25° to +65°C	Power Supply		PLED 24V
Wire Color	+ White Stripe & - White/Black Stripe	Mods per Foot		3.58
Max Mods in Series	44 mods	Module on Center Spacing		3.35"



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QTY	LABEL	DESCRIPTION
4	WP1	ARC2 LED P5 40K MVOLT
5	WP2	ARC2 LED P1 40K MVOLT



### ADDITIONAL FIXTURE INFO

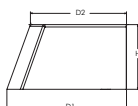


## ARC2 LED Architectural Wall Luminaire



### Specifications

**Depth (D1):** 9.25"  
**Depth (D2):** 7.5"  
**Height:** 5"  
**Width:** 14"  
**Weight:** 11 lbs  
 (without options)



### 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.

ARC LED Family Overview							
Luminaire	Standard EM, 0°C	600 IM, -30°C	Approximate Lumens (1000K)				
			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							
EXAMPLE: ARC2 LED P2 40K MVOLT PE DOBBX							
Series	Package	Cold Temperature	Voltage	Options	Finish		
ARC2 LED	P1 1,500 Lumens	30K -300K	MVOLT	EMW Emergency battery backup, CE compliant (8W, 0°C min) <sup>1</sup>	DOBB	Dark bronze	
	P2 2,000 Lumens	40K -400K	347 <sup>1</sup>	EPWC Emergency battery backup, CE compliant (8W, -30°C min) <sup>1</sup>	DBLP	Black	
	P3 3,000 Lumens	50K -500K		FE Battery type selected for data or data not operation	DBNP	Natural aluminum	
	P4 4,000 Lumens			DMG 0-10V dimming via push-button or remote control with an external control, wired or wireless <sup>2</sup>	DBNP	White	
	P5 6,500 Lumens			SPW0V 0-10V dimming via push-button or remote control, wired or wireless <sup>2</sup>	DBNP	Dark bronze	
				FAO Field adjustable light output device. Allows for easy adjustment to the desired light level, from 20% to 100% <sup>1</sup>	DBNP	Dark bronze	
				LD018 18" Double head	DBNP	Natural aluminum	
					DBNP	Dark bronze	
					DBNP	Dark bronze	
					DBNP	Dark bronze	

Accessories		NOTES
WDSM DB001	Surface-mounted backbox (sightly bulk)	

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### Performance Data

Lumen Output																
Lumen 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 configuration not shown here.																
Performance Package	System Watts	30K (1000K, 40 CRI)					40K (4000K, 40 CRI)					50K (5000K, 40 CRI)				
		Lumens	LPW	U	Q	C	Lumens	LPW	U	Q	C	Lumens	LPW	U	Q	C
P1	11W	1,500	142	0	0	1	1,500	120	0	0	1	1,500	120	0	0	1
P2	16W	2,000	140	0	0	1	2,000	147	0	0	1	2,000	148	0	0	1
P3	24W	3,000	135	0	0	1	3,000	143	0	0	1	3,000	144	0	0	1
P4	30W	3,900	128	1	0	1	4,124	136	1	0	1	4,152	136	1	0	1
P5	37W	6,500	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	0.099	0.055	0.046	0.046	0.046
P2	16W	0.141	0.081	0.072	0.064	0.069
P3	24W	0.202	0.117	0.103	0.091	0.079
P4	30W	0.260	0.152	0.144	0.128	0.095
P5	37W	0.411	0.252	0.229	0.212	0.158

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

Options	Lumens
EMW	493
EPWC	1,413

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0°C to 35°C (32°F to 95°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

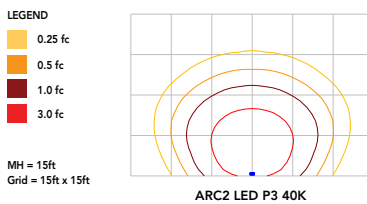
### Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platform noted in a 20°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 LM, 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.



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