Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: IRiS

Report Number: P1308449

Luminaire Tested: P3SQAS24R259030D010 E3SQPHLD1MW

Issue Date: 1/29/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1308449
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-18)
Test Lab:	INNOVATION CENTER
Issue Date:	1/29/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3SQAS24R259030D010 E3SQPHLD1MW
Description:	3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3SQPHLD1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1392.0 lumens
Efficiency:	N/A
Efficacy:	48.3 lumens/watt
Spacing Criteria (0/90/45):	0.79 / 0.79 / 0.89
Luminous Opening:	Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	28.8
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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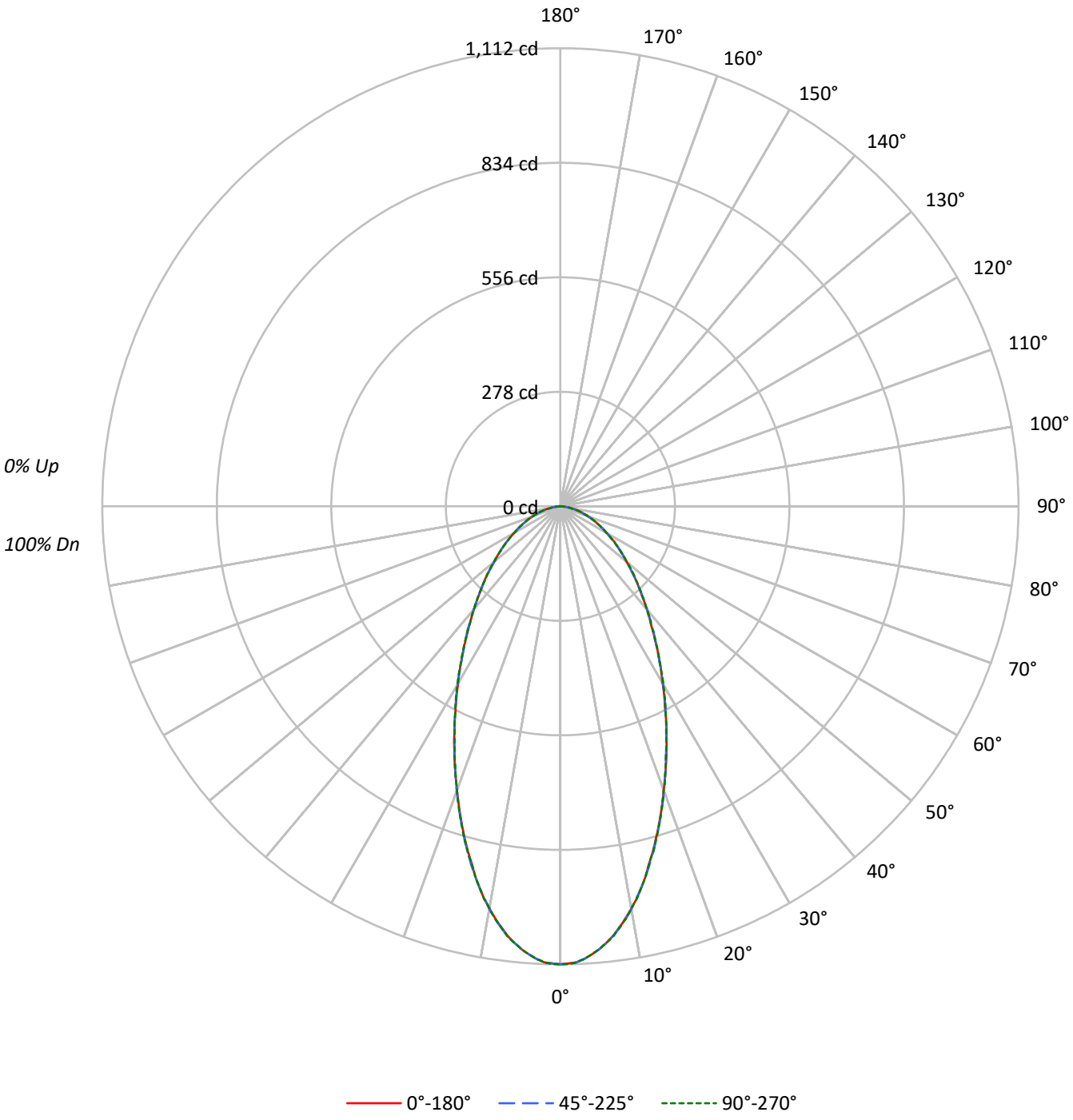
Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20			20			20			20
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	77
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	68
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	61
5	83	72	64	58	81	71	64	58	69	62	58	67	61	57	65	60	56	55
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	49
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	45
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	38
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	191477	191477	191477
5°	186607	186607	186607
10°	173393	173725	173393
15°	154638	154977	154977
20°	134451	134799	134451
25°	115802	115441	115441
30°	98777	99154	99532
35°	84750	84750	85149
40°	73449	73449	73449
45°	64202	64202	64202
50°	56292	56292	56828
55°	50474	50474	50474
60°	44743	44743	44743
65°	40466	40466	40466
70°	36557	35601	36557
75°	33071	31807	31807
80°	26481	26481	26481
85°	18970	18970	18970

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 64202 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.3	7.2
10°-20°	242.0	17.4
20°-30°	279.7	20.1
30°-40°	253.5	18.2
40°-50°	204.4	14.7
50°-60°	150.5	10.8
60°-70°	99.0	7.1
70°-80°	51.1	3.7
80°-90°	11.6	0.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	621.9	44.7
0°-40°	875.5	62.9
0°-60°	1230.3	88.4
0°-90°	1392.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1392.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1112	1112	1112	1112	1112	
5°	1079	1083	1079	1079	1079	100
15°	867	869	869	867	869	242
25°	609	608	608	609	608	280
35°	403	403	403	403	405	253
45°	264	264	264	264	264	204
55°	168	168	168	166	168	151
65°	99	99	99	99	99	99
75°	50	48	48	48	48	52
85°	10	10	10	10	10	12
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1111.8	*1111.8*	1111.8	1111.8	1111.8
1°	*1109.9*	*1113.8*	*1109.9*	*1109.9*	*1111.8*
2°	1108.0	*1109.9*	1108.0	1108.0	1108.0
3°	1100.4	*1104.2*	1100.4	1100.4	1100.4
4°	1090.8	*1094.6*	1090.8	1090.8	1090.8
5°	1079.4	*1083.2*	1079.4	1079.4	1079.4
6°	1066.0	*1067.9*	1066.0	1066.0	1066.0
7°	1050.7	*1052.6*	1050.7	1050.7	1052.6
8°	1031.6	*1033.5*	1033.5	1031.6	1031.6
9°	1012.5	*1014.4*	1014.4	1012.5	1014.4
10°	991.5	*993.4*	993.4	991.5	991.5
11°	970.5	*972.4*	968.6	968.6	970.5
12°	945.6	*947.6*	945.6	945.6	945.6
13°	920.8	*920.8*	920.8	920.8	920.8
14°	892.1	*896.0*	896.0	894.1	892.1
15°	867.3	*869.2*	869.2	867.3	869.2
17.5°	800.5	*804.3*	802.4	802.4	802.4
20°	733.6	*735.5*	735.5	733.6	733.6
22.5°	670.5	*668.6*	668.6	668.6	668.6
25°	609.4	*607.5*	607.5	609.4	607.5
27.5°	550.2	*552.1*	552.1	550.2	552.1
30°	496.7	*496.7*	498.6	496.7	500.5
32.5°	448.9	*448.9*	447.0	448.9	448.9
35°	403.1	*403.1*	403.1	403.1	405.0
37.5°	361.1	*363.0*	364.9	364.9	363.0
40°	326.7	*326.7*	326.7	326.7	326.7
42.5°	292.3	*292.3*	294.2	294.2	294.2
45°	263.6	*263.6*	263.6	263.6	263.6
47.5°	236.9	*236.9*	235.0	235.0	236.9
50°	210.1	*212.1*	210.1	210.1	212.1
52.5°	189.1	*187.2*	187.2	189.1	189.1
55°	168.1	*168.1*	168.1	166.2	168.1
57.5°	149.0	*149.0*	147.1	147.1	147.1
60°	129.9	*129.9*	129.9	129.9	129.9
62.5°	114.6	*114.6*	114.6	114.6	114.6
65°	99.3	*99.3*	99.3	99.3	99.3
67.5°	86.0	*86.0*	86.0	86.0	84.1
70°	72.6	*72.6*	70.7	70.7	72.6
72.5°	59.2	*59.2*	59.2	59.2	59.2
75°	49.7	*47.8*	47.8	47.8	47.8
77.5°	38.2	*38.2*	36.3	38.2	36.3
80°	26.7	*26.7*	26.7	26.7	26.7
82.5°	19.1	*17.2*	17.2	17.2	17.2
85°	9.6	*9.6*	9.6	9.6	9.6
87.5°	1.9	*1.9*	1.9	1.9	3.8

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	*0.0*	0.0	0.0	0.0

(END OF REPORT)