

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: P1310710

Luminaire Tested: P3SQAS24R359040D010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310710
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS24R359040D010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

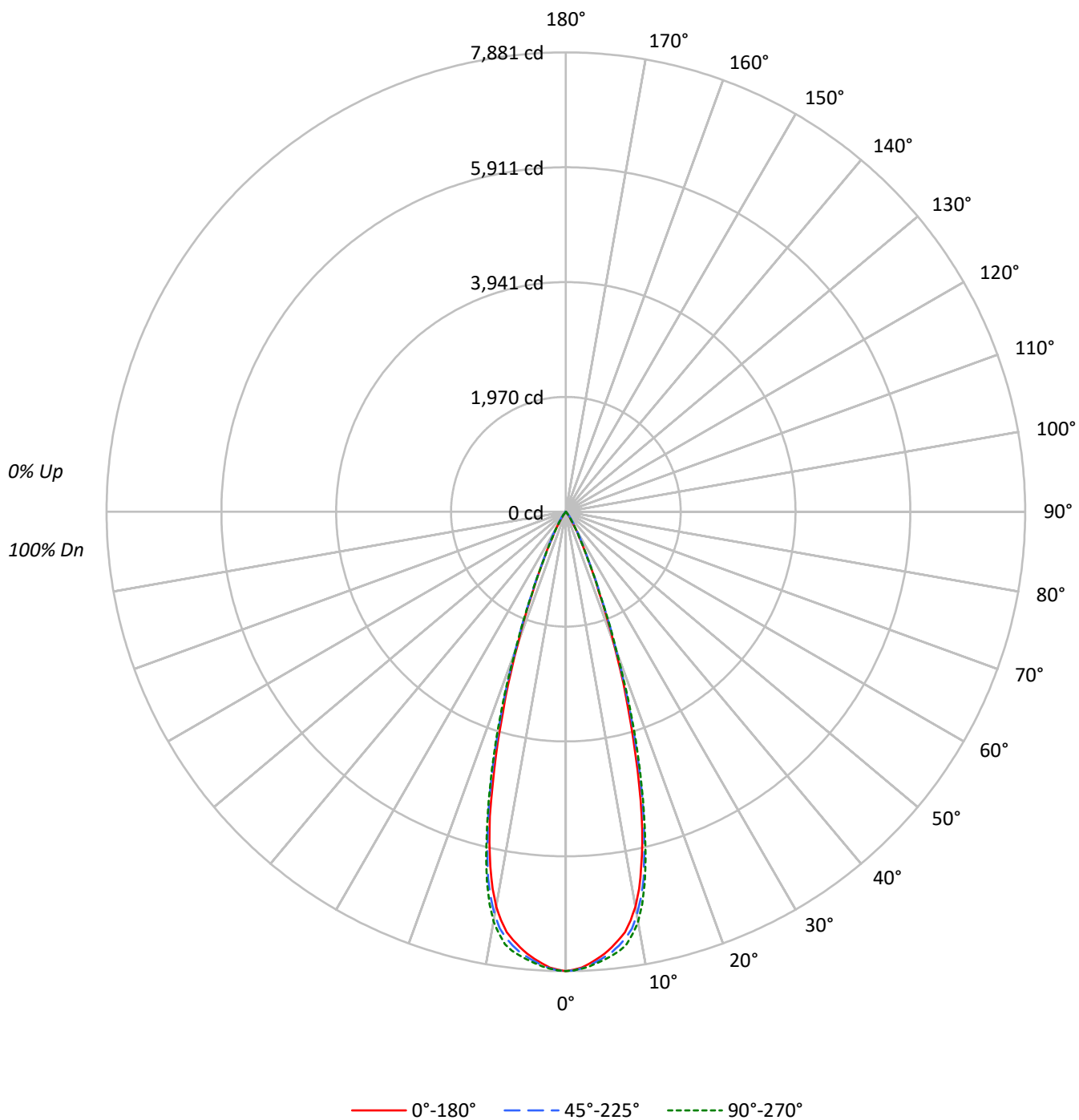
Lumens per Lamp: N/A
Luminaire Lumens: 2624.0 lumens
Efficiency: N/A
Efficacy: 91.1 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	95	94
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	92	91
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	88	87
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	85	84
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	82	81
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	79	78
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	77	76	75
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	74	73	72
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	71	70	69
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	69	67	66

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1357287	1357287	1357287
5°	1316122	1325458	1332649
10°	1202681	1228126	1249199
15°	864888	902687	910104
20°	440319	462422	463559
25°	167052	170606	165874
30°	64890	75231	63239
35°	22286	34964	20982
40°	7487	13557	7014
45°	511	4555	511
50°	0	563	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 4555 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	713.4	27.2
10°-20°	1329.2	50.7
20°-30°	477.7	18.2
30°-40°	93.3	3.6
40°-50°	10.4	0.4
50°-60°	0.1	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	2520.3	96.0
0°-40°	2613.6	99.6
0°-60°	2624.0	100.0
0°-90°	2624.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2624.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7881	7881	7881	7881	7881	
5°	7613	7634	7667	7702	7708	705
15°	4851	4932	5063	5098	5104	1289
25°	879	887	898	892	873	461
35°	106	120	166	123	100	79
45°	2	6	19	6	2	5
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	7881.0	7881.0	7881.0	7881.0	7881.0
1°	7858.1	7868.5	7870.6	7885.2	7868.5
2°	7824.9	7831.1	7839.4	7851.9	7843.6
3°	7760.5	7772.9	7791.6	7808.3	7808.3
4°	7691.9	7708.5	7731.4	7760.5	7758.4
5°	7612.9	7633.7	7666.9	7702.3	7708.5
6°	7513.1	7538.1	7592.1	7642.0	7650.3
7°	7407.1	7444.6	7496.5	7569.3	7588.0
8°	7282.4	7311.5	7386.4	7471.6	7492.4
9°	7099.6	7143.2	7238.8	7317.8	7330.2
10°	6877.2	6908.3	7022.7	7105.8	7143.2
11°	6590.4	6636.1	6748.3	6833.5	6858.5
12°	6224.6	6291.1	6422.0	6484.4	6505.2
13°	5829.7	5885.8	5987.6	6064.5	6081.2
14°	5384.9	5439.0	5545.0	5607.3	5592.8
15°	4850.8	4931.9	5062.8	5098.1	5104.4
17.5°	3583.0	3635.0	3751.4	3807.5	3847.0
20°	2402.5	2452.4	2523.1	2560.5	2529.3
22.5°	1461.1	1502.6	1540.0	1538.0	1527.6
25°	879.1	887.4	897.8	891.6	872.9
27.5°	513.3	536.2	567.4	546.6	515.4
30°	326.3	345.0	378.3	342.9	318.0
32.5°	172.5	218.2	253.6	205.8	180.8
35°	106.0	120.5	166.3	122.6	99.8
37.5°	64.4	74.8	103.9	72.7	58.2
40°	33.3	47.8	60.3	43.6	31.2
42.5°	10.4	22.9	33.3	20.8	10.4
45°	2.1	6.2	18.7	6.2	2.1
47.5°	0.0	0.0	8.3	2.1	0.0
50°	0.0	0.0	2.1	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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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)