

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: P1311753

Luminaire Tested: P3SQAS24R259050D010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311753
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS24R259050D010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

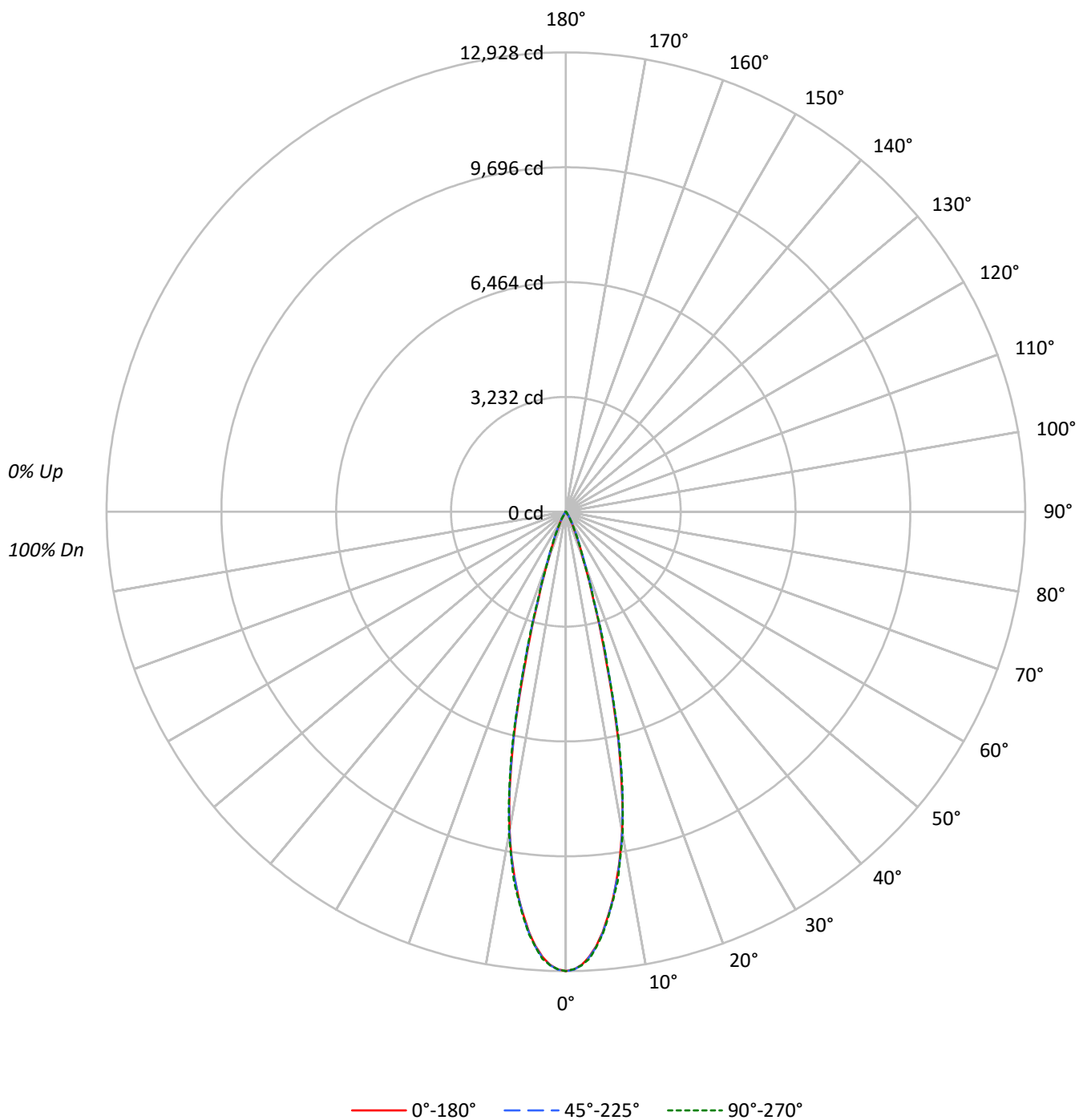
Lumens per Lamp: N/A
Luminaire Lumens: 2691.0 lumens
Efficiency: N/A
Efficacy: 93.4 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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			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	115	113	111	110	113	111	110	108	107	106	105		103	103	102		100	99	99	97
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		98	97	96	94
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96	94	93	92
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		94	92	90	89
5	103	97	93	90	101	96	93	90	95	92	89		93	91	89		92	90	88	87
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		90	87	85	84
7	97	91	87	85	96	91	87	84	90	86	84		89	86	84		88	85	83	82
8	95	89	85	82	94	88	85	82	87	84	82		87	84	82		86	83	81	80
9	93	86	83	80	92	86	82	80	85	82	80		85	82	80		84	81	79	78
10	91	84	81	78	90	84	80	78	83	80	78		83	80	78		82	79	77	77

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2226494	2226494	2226494
5°	2052973	2057606	2061894
10°	1593991	1599780	1608436
15°	787738	820866	821223
20°	265236	283032	270533
25°	109854	122016	112990
30°	43114	54191	43512
35°	11290	22139	11711
40°	4182	8813	4182
45°	511	2509	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: 2509 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1047.6	38.9
10°-20°	1267.1	47.1
20°-30°	309.4	11.5
30°-40°	60.1	2.2
40°-50°	6.8	0.3
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°	2624.0	97.5
0°-40°	2684.1	99.7
0°-60°	2691.0	100.0
0°-90°	2691.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2691.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	12928	12928	12928	12928	12928	
5°	11875	11892	11902	11954	11927	1044
15°	4418	4523	4604	4649	4606	1244
25°	578	609	642	615	595	294
35°	54	76	105	76	56	48
45°	2	6	10	6	2	4
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°	12928.0	12928.0	12928.0	12928.0	12928.0
1°	12878.5	12886.7	12888.8	12901.2	12876.4
2°	12760.8	12762.8	12769.0	12793.8	12771.1
3°	12544.0	12558.5	12560.5	12593.6	12599.7
4°	12248.8	12257.0	12273.6	12329.3	12279.7
5°	11875.1	11891.6	11901.9	11953.6	11926.7
6°	11412.6	11416.8	11439.5	11499.4	11462.2
7°	10941.9	10939.9	10941.9	10989.4	10979.1
8°	10374.2	10363.9	10396.9	10454.7	10493.9
9°	9781.7	9796.1	9816.8	9872.5	9827.1
10°	9114.8	9154.1	9147.9	9152.0	9197.4
11°	8346.8	8359.2	8361.3	8404.6	8398.5
12°	7444.6	7444.6	7512.8	7583.0	7560.3
13°	6534.2	6598.2	6552.8	6567.2	6658.1
14°	5473.0	5522.6	5584.5	5642.3	5596.9
15°	4418.1	4523.4	4603.9	4649.3	4605.9
17.5°	2531.1	2566.2	2634.3	2642.6	2615.7
20°	1447.2	1490.6	1544.3	1527.7	1476.1
22.5°	910.5	922.8	976.5	949.7	937.3
25°	578.1	609.0	642.1	615.2	594.6
27.5°	359.2	379.9	415.0	386.1	363.4
30°	216.8	235.4	272.5	233.3	218.8
32.5°	113.5	140.4	171.4	142.5	113.5
35°	53.7	76.4	105.3	76.4	55.7
37.5°	33.0	41.3	64.0	41.3	33.0
40°	18.6	26.8	39.2	26.8	18.6
42.5°	8.3	14.5	18.6	14.5	10.3
45°	2.1	6.2	10.3	6.2	2.1
47.5°	0.0	0.0	6.2	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)