

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: P1315015

Luminaire Tested: P3SQAS05R259740DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315015
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R259740DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

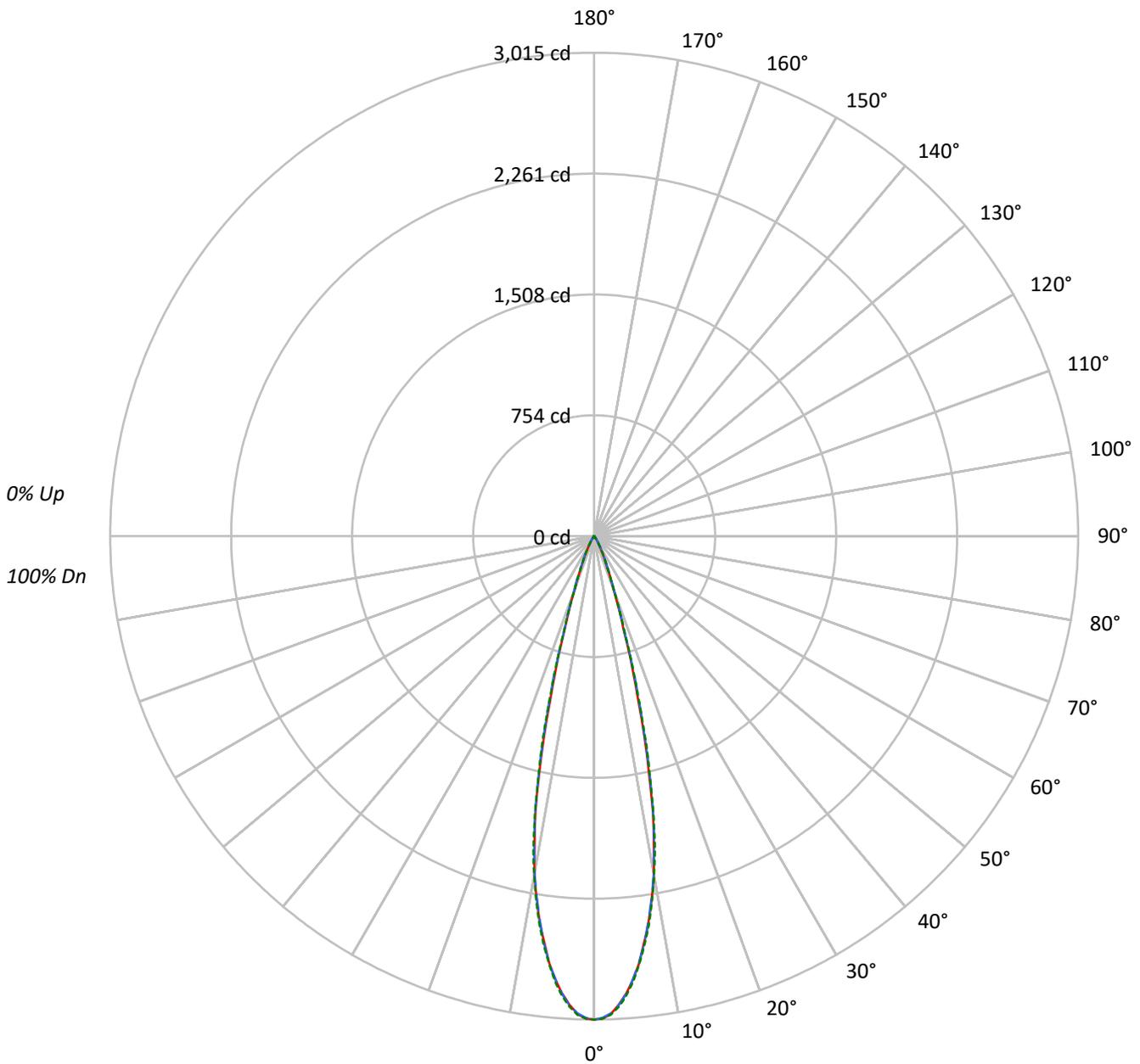
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 637.1 lumens
Efficiency: N/A
Efficacy: 88.5 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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



— 0°-180° - - 45°-225° - · - · 90°-270°



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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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	115	113	111	110	113	111	109	108	107	106	105	103	102	102	100	99	99	97	97	97	97
2	112	108	105	103	110	106	104	102	103	101	100	101	99	97	98	97	95	94	94	94	94
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93	91	91	91	91
4	105	100	96	93	104	99	96	93	97	94	92	95	93	91	94	92	90	89	89	89	89
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	91	89	87	86	86	86	86
6	100	94	90	87	98	93	89	87	92	88	86	90	88	86	89	87	85	84	84	84	84
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	82	82	82	82
8	95	88	84	82	94	88	84	82	87	84	81	86	83	81	85	83	81	80	80	80	80
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79	78	78	78	78
10	90	84	80	78	89	83	80	77	83	80	77	82	79	77	82	79	77	76	76	76	76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	519303	519303	519303
5°	479657	479501	482181
10°	374697	373665	376218
15°	188497	196377	196199
20°	64495	66272	65209
25°	25920	29150	27022
30°	10520	12548	10242
35°	3070	5508	3070
40°	1416	2406	1416
45°	463	950	463
50°	268	402	268
55°	300	300	300
60°	344	344	344
65°	204	204	204
70°	252	252	252
75°	333	333	333
80°	0	496	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 950 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	244.6	38.4
10°-20°	299.4	47.0
20°-30°	73.1	11.5
30°-40°	15.1	2.4
40°-50°	2.6	0.4
50°-60°	0.9	0.1
60°-70°	0.7	0.1
70°-80°	0.5	0.1
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°	617.2	96.9
0°-40°	632.3	99.3
0°-60°	635.9	99.8
0°-90°	637.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	637.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3015	3015	3015	3015	3015	
5°	2774	2777	2774	2779	2789	244
15°	1057	1075	1101	1106	1100	295
25°	136	143	153	145	142	70
35°	15	20	26	20	15	12
45°	2	3	4	3	2	2
55°	1	1	1	1	1	1
65°	0	1	0	0	0	1
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3015.3	3015.3	3015.3	3015.3	3015.3
1°	3009.5	3005.6	3004.6	3005.1	3010.0
2°	2982.3	2979.9	2979.4	2980.8	2987.6
3°	2927.0	2929.9	2930.8	2935.7	2939.1
4°	2859.0	2864.8	2862.4	2868.2	2872.1
5°	2774.5	2777.0	2773.6	2779.4	2789.1
6°	2676.0	2667.3	2675.5	2678.0	2684.8
7°	2553.2	2555.1	2558.1	2561.0	2571.2
8°	2432.3	2426.5	2425.1	2438.7	2446.9
9°	2291.1	2292.1	2286.7	2302.3	2304.7
10°	2142.6	2130.4	2136.7	2148.9	2151.3
11°	1946.5	1943.1	1952.3	1971.2	1986.3
12°	1762.5	1764.4	1774.1	1780.4	1777.1
13°	1519.3	1533.9	1546.0	1552.3	1544.1
14°	1299.4	1299.4	1315.0	1317.4	1347.0
15°	1057.2	1075.2	1101.4	1106.2	1100.4
17.5°	610.6	613.1	625.7	625.2	634.4
20°	351.9	355.3	361.6	360.2	355.8
22.5°	211.6	218.9	234.0	221.8	218.4
25°	136.4	142.7	153.4	144.6	142.2
27.5°	85.4	89.8	98.1	90.3	86.4
30°	52.9	55.3	63.1	55.8	51.5
32.5°	28.6	34.9	41.3	34.9	28.6
35°	14.6	20.4	26.2	19.9	14.6
37.5°	9.7	11.6	17.0	11.2	9.7
40°	6.3	7.8	10.7	7.8	6.3
42.5°	3.4	4.9	5.8	5.3	3.4
45°	1.9	2.9	3.9	2.9	1.9
47.5°	1.5	1.5	2.4	1.5	1.0
50°	1.0	1.0	1.5	1.0	1.0
52.5°	1.0	1.0	1.0	1.0	1.0
55°	1.0	1.0	1.0	1.0	1.0
57.5°	1.0	1.0	1.0	1.0	1.0
60°	1.0	1.0	1.0	1.0	1.0
62.5°	1.0	1.0	1.0	1.0	1.0
65°	0.5	1.0	0.5	0.5	0.5
67.5°	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5
80°	0.0	0.0	0.5	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)