

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: P1315343

Luminaire Tested: P3SQAS13R259740DE010 E3SQPH1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315343
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS13R259740DE010 E3SQPH1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3SQPH1MW TRIM
Light Source: -
Ballast/Driver: -

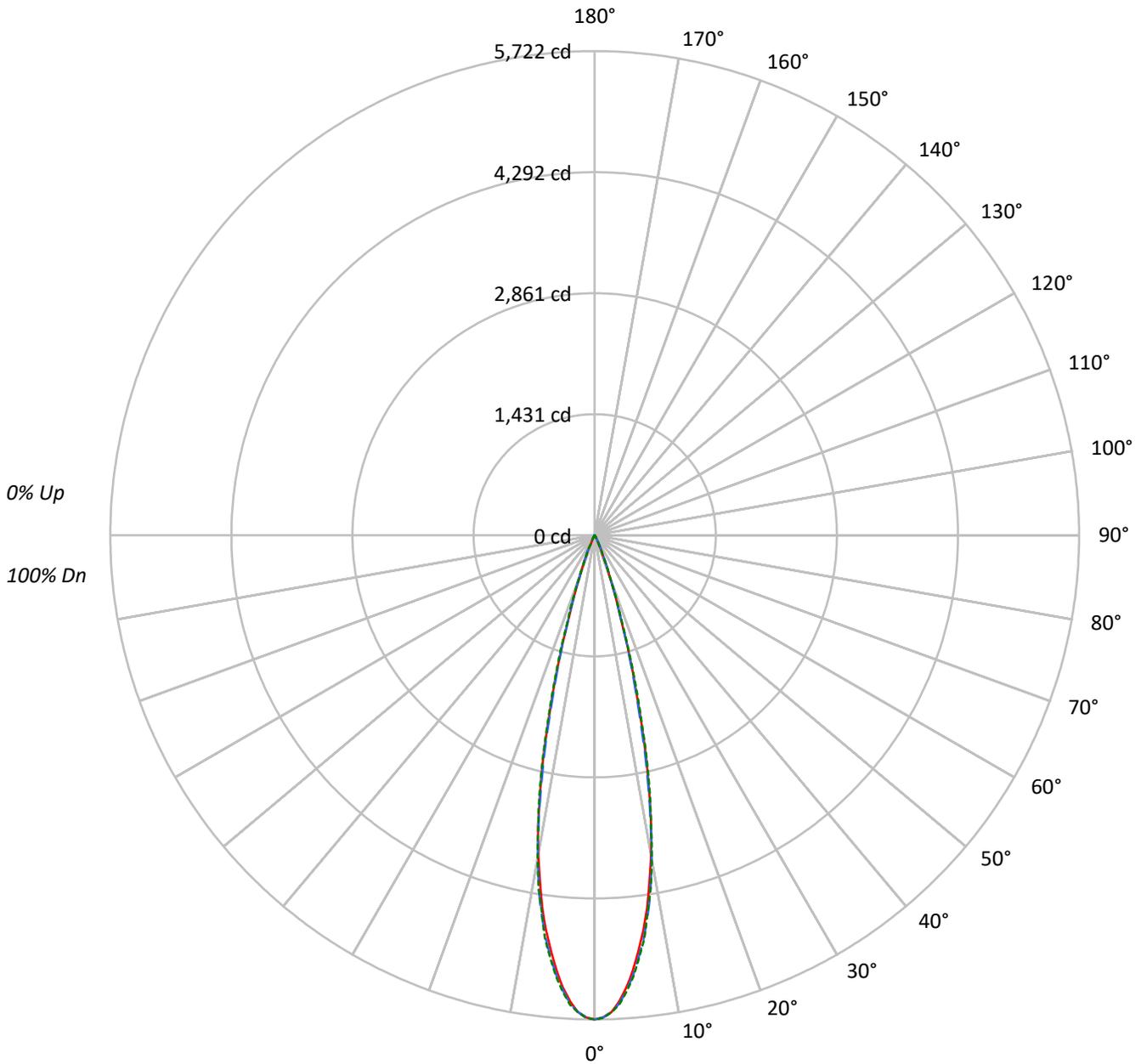
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1056.0 lumens
Efficiency: N/A
Efficacy: 72.3 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
Input Voltage (V): NR
Input Current (A_{in}): 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	99	97
1	115	113	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97	97	96	95
2	112	109	106	104	110	107	105	103	104	102	101	101	100	98	99	97	96	95	94	94	93
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	93	92	92	91
4	106	101	98	95	105	100	97	95	99	96	94	97	94	93	95	93	92	91	91	89	88
5	104	98	95	92	102	98	94	92	96	93	91	95	92	90	93	91	89	88	87	86	85
6	101	96	92	89	100	95	92	89	94	91	89	93	90	88	91	89	87	86	85	84	83
7	99	93	89	87	98	93	89	87	92	89	86	91	88	86	90	87	86	85	84	83	82
8	97	91	87	85	96	90	87	85	90	86	84	89	86	84	88	86	84	83	82	81	80
9	95	89	85	83	94	88	85	83	88	85	82	87	84	82	86	84	82	81	80	79	78
10	93	87	83	81	92	86	83	81	86	83	81	85	82	80	85	82	80	79	78	77	76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	985458	985458	985458
5°	893014	901157	905548
10°	671327	676101	679232
15°	332401	322505	343990
20°	93874	95432	96458
25°	16285	30784	19326
30°	6364	6563	6742
35°	1976	2187	2187
40°	629	854	629
45°	463	219	463
50°	241	0	241
55°	270	0	270
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: 0°
 Vertical Angle: 45°
 Luminance: 463 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	454.6	43.0
10°-20°	512.6	48.5
20°-30°	79.5	7.5
30°-40°	8.1	0.8
40°-50°	1.1	0.1
50°-60°	0.2	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°	1046.7	99.1
0°-40°	1054.7	99.9
0°-60°	1056.0	100.0
0°-90°	1056.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1056.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5722	5722	5722	5722	5722	
5°	5166	5175	5213	5233	5238	450
15°	1864	1851	1809	1890	1929	511
25°	86	127	162	123	102	72
35°	9	10	10	11	10	8
45°	2	1	1	1	2	1
55°	1	0	0	0	1	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	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	5722.0	5722.0	5722.0	5722.0	5722.0
1°	5698.4	5706.0	5697.5	5706.9	5706.0
2°	5639.1	5646.6	5636.3	5641.9	5641.9
3°	5517.6	5533.6	5543.1	5549.6	5555.3
4°	5357.6	5375.5	5389.6	5406.5	5406.5
5°	5165.5	5174.9	5212.6	5233.3	5238.0
6°	4936.7	4974.3	5002.6	5044.0	5018.6
7°	4707.9	4739.0	4778.5	4785.1	4803.0
8°	4448.0	4481.0	4517.7	4511.1	4496.0
9°	4131.6	4179.7	4223.0	4208.8	4227.7
10°	3838.8	3868.0	3866.1	3852.0	3884.0
11°	3498.9	3505.5	3468.8	3526.2	3491.4
12°	3095.9	3101.6	3054.5	3111.0	3146.7
13°	2709.9	2696.7	2631.7	2706.1	2751.3
14°	2265.4	2270.1	2187.3	2331.3	2320.0
15°	1864.3	1851.1	1808.8	1889.7	1929.3
17.5°	993.4	1001.8	991.5	1032.0	1057.4
20°	512.2	526.3	520.7	537.6	526.3
22.5°	265.5	285.3	290.9	277.8	242.0
25°	85.7	127.1	162.0	123.3	101.7
27.5°	51.8	50.8	79.1	54.6	55.6
30°	32.0	31.1	33.0	33.0	33.9
32.5°	17.9	18.8	17.9	19.8	18.8
35°	9.4	10.4	10.4	11.3	10.4
37.5°	5.6	6.6	6.6	6.6	5.6
40°	2.8	3.8	3.8	2.8	2.8
42.5°	1.9	1.9	1.9	1.9	1.9
45°	1.9	0.9	0.9	0.9	1.9
47.5°	0.9	0.9	0.0	0.9	0.9
50°	0.9	0.9	0.0	0.9	0.9
52.5°	0.9	0.0	0.0	0.0	0.9
55°	0.9	0.0	0.0	0.0	0.9
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)