

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: P1315340

Luminaire Tested: P3SQAS13R259740DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315340
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: P3SQAS13R259740DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

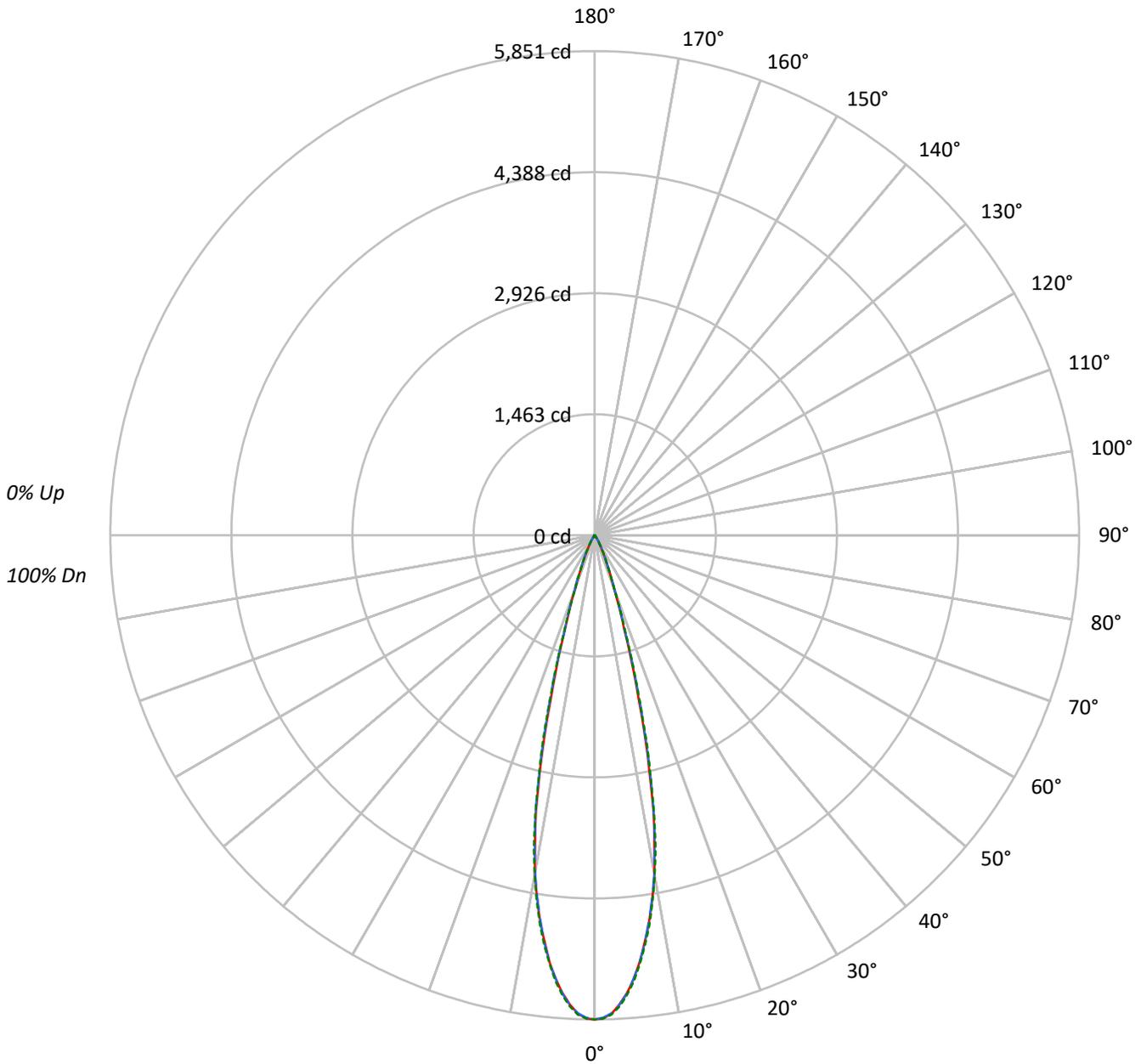
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1236.0 lumens
Efficiency: N/A
Efficacy: 84.7 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): 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	102	102	102	100
1	115	113	111	110	113	111	109	108	107	106	105	103	102	102	100	99	99	99	99	99	97
2	112	108	105	103	110	107	104	102	103	101	100	101	99	97	98	97	95	95	95	95	94
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93	93	93	93	91
4	105	100	96	93	104	99	96	93	97	94	92	95	93	91	94	92	90	90	90	90	89
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	91	89	87	87	87	87	86
6	100	94	90	87	98	93	89	87	92	88	86	90	88	86	89	87	85	85	85	85	84
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	83	83	83	82
8	95	88	84	82	94	88	84	82	87	84	81	86	83	81	85	83	81	81	81	81	80
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79	79	79	79	78
10	90	84	80	78	89	84	80	77	83	80	77	82	79	77	82	79	77	77	77	77	76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1007623	1007623	1007623
5°	930719	930391	935595
10°	727026	725050	729999
15°	365743	381023	380702
20°	125141	128604	126533
25°	50300	56552	52447
30°	20423	24341	19847
35°	5950	10701	5950
40°	2743	4654	2743
45°	926	1827	926
50°	509	750	509
55°	570	570	570
60°	654	654	654
65°	367	367	367
70°	453	453	453
75°	599	599	599
80°	0	893	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1827 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	474.7	38.4
10°-20°	581.0	47.0
20°-30°	141.9	11.5
30°-40°	29.3	2.4
40°-50°	5.1	0.4
50°-60°	1.7	0.1
60°-70°	1.3	0.1
70°-80°	0.9	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°	1197.6	96.9
0°-40°	1226.9	99.3
0°-60°	1233.8	99.8
0°-90°	1236.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1236.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5851	5851	5851	5851	5851	
5°	5384	5388	5382	5393	5412	474
15°	2051	2086	2137	2146	2135	573
25°	265	277	298	281	276	135
35°	28	40	51	39	28	24
45°	4	6	8	6	4	4
55°	2	2	2	2	2	2
65°	1	2	1	1	1	1
75°	1	1	1	1	1	1
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°	5850.7	5850.7	5850.7	5850.7	5850.7
1°	5839.4	5831.9	5830.0	5831.0	5840.4
2°	5786.7	5782.0	5781.0	5783.9	5797.1
3°	5679.3	5685.0	5686.9	5696.3	5702.9
4°	5547.5	5558.8	5554.1	5565.4	5572.9
5°	5383.6	5388.3	5381.7	5393.0	5411.8
6°	5192.4	5175.4	5191.4	5196.2	5209.3
7°	4954.1	4957.9	4963.5	4969.2	4989.0
8°	4719.6	4708.3	4705.5	4731.8	4747.8
9°	4445.5	4447.4	4437.0	4467.2	4471.9
10°	4157.3	4133.8	4146.0	4169.5	4174.3
11°	3776.8	3770.2	3788.1	3824.8	3854.0
12°	3419.8	3423.6	3442.4	3454.7	3448.1
13°	2948.0	2976.2	2999.8	3012.0	2996.0
14°	2521.3	2521.3	2551.5	2556.2	2613.6
15°	2051.3	2086.2	2137.0	2146.5	2135.2
17.5°	1184.8	1189.5	1214.0	1213.1	1231.0
20°	682.8	689.4	701.7	698.8	690.4
22.5°	410.6	424.8	454.0	430.4	423.8
25°	264.7	276.9	297.6	280.7	276.0
27.5°	165.8	174.2	190.3	175.2	167.6
30°	102.7	107.4	122.4	108.3	99.8
32.5°	55.6	67.8	80.1	67.8	55.6
35°	28.3	39.6	50.9	38.6	28.3
37.5°	18.8	22.6	33.0	21.7	18.8
40°	12.2	15.1	20.7	15.1	12.2
42.5°	6.6	9.4	11.3	10.4	6.6
45°	3.8	5.7	7.5	5.7	3.8
47.5°	2.8	2.8	4.7	2.8	1.9
50°	1.9	1.9	2.8	1.9	1.9
52.5°	1.9	1.9	1.9	1.9	1.9
55°	1.9	1.9	1.9	1.9	1.9
57.5°	1.9	1.9	1.9	1.9	1.9
60°	1.9	1.9	1.9	1.9	1.9
62.5°	1.9	1.9	1.9	1.9	1.9
65°	0.9	1.9	0.9	0.9	0.9
67.5°	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9
80°	0.0	0.0	0.9	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)