

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: P1317979

Luminaire Tested: P3SQAS13R259835DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317979
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: P3SQAS13R259835DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

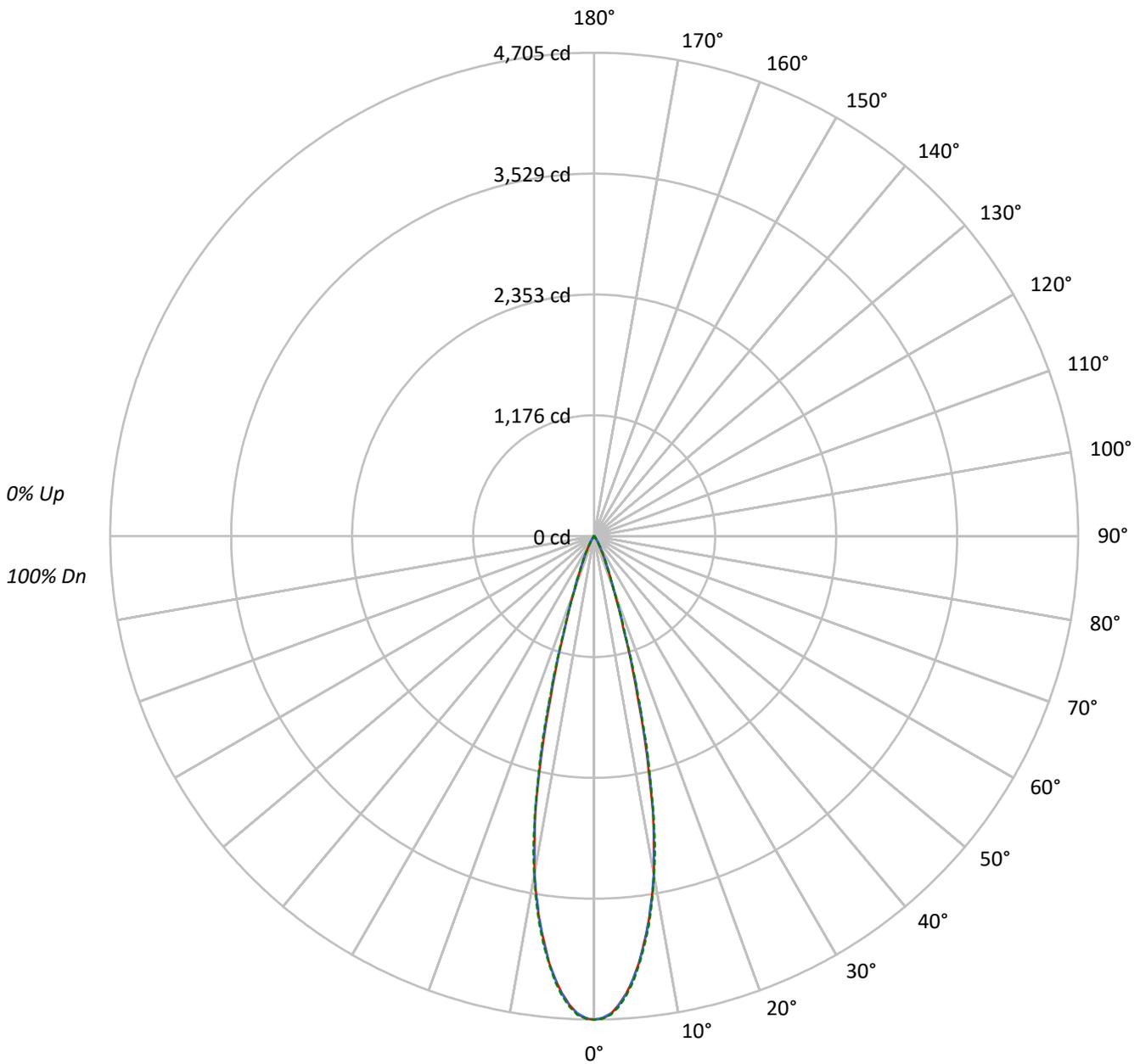
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 994.0 lumens
Efficiency: N/A
Efficacy: 68.6 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): 14.5
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	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	107	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	84	80	77	83	80	77	82	79	77	82	79	77	76	76	76	76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	810342	810342	810342
5°	748486	748227	752411
10°	584674	583083	587070
15°	294138	306423	306155
20°	100637	103422	101755
25°	40438	45492	42167
30°	16426	19588	15969
35°	4773	8599	4773
40°	2203	3755	2203
45°	731	1486	731
50°	402	616	402
55°	450	450	450
60°	517	517	517
65°	326	326	326
70°	403	403	403
75°	532	532	532
80°	0	793	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1486 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	381.7	38.4
10°-20°	467.2	47.0
20°-30°	114.1	11.5
30°-40°	23.6	2.4
40°-50°	4.1	0.4
50°-60°	1.4	0.1
60°-70°	1.1	0.1
70°-80°	0.8	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°	963.1	96.9
0°-40°	986.7	99.3
0°-60°	992.2	99.8
0°-90°	994.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	994.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4705	4705	4705	4705	4705	
5°	4330	4333	4328	4337	4352	381
15°	1650	1678	1719	1726	1717	461
25°	213	223	239	226	222	109
35°	23	32	41	31	23	19
45°	3	4	6	4	3	3
55°	2	2	2	2	2	1
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°	4705.2	4705.2	4705.2	4705.2	4705.2
1°	4696.1	4690.1	4688.5	4689.3	4696.9
2°	4653.7	4649.9	4649.2	4651.4	4662.0
3°	4567.4	4571.9	4573.4	4581.0	4586.3
4°	4461.3	4470.4	4466.6	4475.7	4481.8
5°	4329.5	4333.3	4328.0	4337.1	4352.2
6°	4175.8	4162.1	4175.0	4178.8	4189.4
7°	3984.1	3987.2	3991.7	3996.2	4012.2
8°	3795.5	3786.4	3784.2	3805.4	3818.2
9°	3575.1	3576.6	3568.3	3592.5	3596.3
10°	3343.3	3324.4	3334.2	3353.2	3357.0
11°	3037.3	3032.0	3046.4	3076.0	3099.4
12°	2750.3	2753.3	2768.4	2778.3	2773.0
13°	2370.8	2393.5	2412.4	2422.3	2409.4
14°	2027.7	2027.7	2051.9	2055.7	2101.9
15°	1649.7	1677.7	1718.6	1726.2	1717.1
17.5°	952.9	956.6	976.3	975.6	990.0
20°	549.1	554.4	564.3	562.0	555.2
22.5°	330.2	341.6	365.1	346.1	340.8
25°	212.8	222.7	239.4	225.7	221.9
27.5°	133.3	140.1	153.0	140.9	134.8
30°	82.6	86.3	98.5	87.1	80.3
32.5°	44.7	54.5	64.4	54.5	44.7
35°	22.7	31.8	40.9	31.1	22.7
37.5°	15.1	18.2	26.5	17.4	15.1
40°	9.8	12.1	16.7	12.1	9.8
42.5°	5.3	7.6	9.1	8.3	5.3
45°	3.0	4.5	6.1	4.5	3.0
47.5°	2.3	2.3	3.8	2.3	1.5
50°	1.5	1.5	2.3	1.5	1.5
52.5°	1.5	1.5	1.5	1.5	1.5
55°	1.5	1.5	1.5	1.5	1.5
57.5°	1.5	1.5	1.5	1.5	1.5
60°	1.5	1.5	1.5	1.5	1.5
62.5°	1.5	1.5	1.5	1.5	1.5
65°	0.8	1.5	0.8	0.8	0.8
67.5°	0.8	0.8	0.8	0.8	0.8
70°	0.8	0.8	0.8	0.8	0.8
72.5°	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8
80°	0.0	0.0	0.8	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)