

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: P1308943

Luminaire Tested: P3SQAS09R259035DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308943
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: P3SQAS09R259035DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

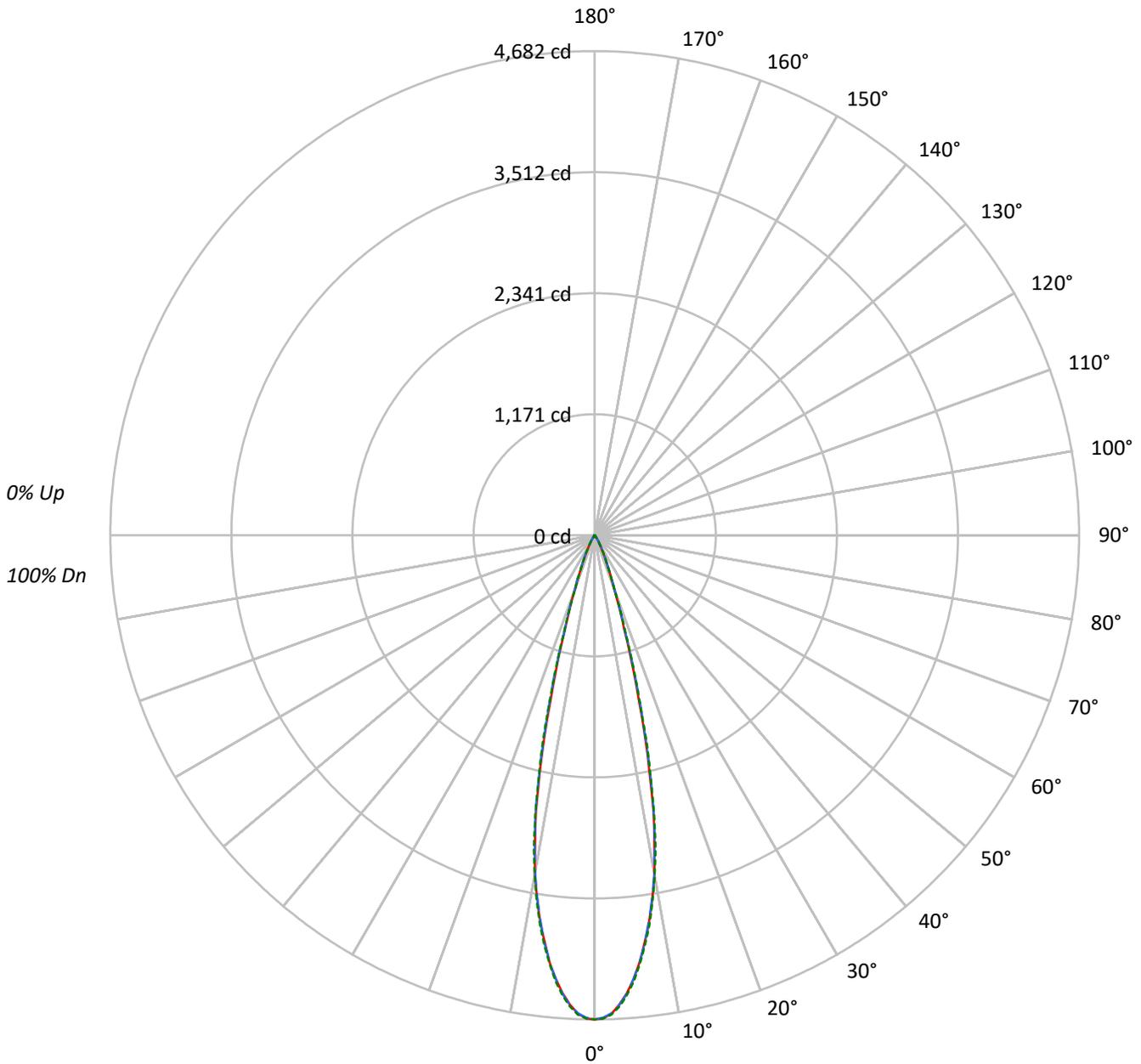
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 989.1 lumens
Efficiency: N/A
Efficacy: 89.1 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): 11.1
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	106	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	83	80	77	83	80	77	82	79	77	82	79	77	77	77	77	76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	806260	806260	806260
5°	744717	744458	748624
10°	581736	580163	584115
15°	292658	304890	304622
20°	100142	102909	101241
25°	40248	45245	41958
30°	16327	19489	15889
35°	4752	8557	4752
40°	2203	3732	2203
45°	731	1461	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: 1461 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	379.8	38.4
10°-20°	464.9	47.0
20°-30°	113.6	11.5
30°-40°	23.5	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°	958.2	96.9
0°-40°	981.7	99.3
0°-60°	987.2	99.8
0°-90°	989.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	989.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4682	4682	4682	4682	4682	
5°	4308	4312	4306	4315	4330	379
15°	1641	1669	1710	1718	1708	458
25°	212	222	238	225	221	108
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°	4681.5	4681.5	4681.5	4681.5	4681.5
1°	4672.5	4666.5	4665.0	4665.7	4673.2
2°	4630.3	4626.5	4625.8	4628.0	4638.6
3°	4544.4	4548.9	4550.4	4557.9	4563.2
4°	4438.9	4447.9	4444.1	4453.2	4459.2
5°	4307.7	4311.5	4306.2	4315.3	4330.3
6°	4154.8	4141.2	4154.0	4157.8	4168.3
7°	3964.1	3967.1	3971.6	3976.1	3992.0
8°	3776.4	3767.4	3765.1	3786.2	3799.0
9°	3557.1	3558.6	3550.3	3574.5	3578.2
10°	3326.5	3307.7	3317.5	3336.3	3340.1
11°	3022.0	3016.8	3031.1	3060.5	3083.8
12°	2736.4	2739.4	2754.5	2764.3	2759.0
13°	2358.9	2381.5	2400.3	2410.1	2397.3
14°	2017.5	2017.5	2041.6	2045.3	2091.3
15°	1641.4	1669.3	1710.0	1717.5	1708.5
17.5°	948.1	951.8	971.4	970.7	985.0
20°	546.4	551.7	561.5	559.2	552.4
22.5°	328.6	339.9	363.2	344.4	339.1
25°	211.8	221.6	238.1	224.6	220.8
27.5°	132.6	139.4	152.2	140.2	134.1
30°	82.1	85.9	98.0	86.7	79.9
32.5°	44.5	54.3	64.1	54.3	44.5
35°	22.6	31.7	40.7	30.9	22.6
37.5°	15.1	18.1	26.4	17.3	15.1
40°	9.8	12.1	16.6	12.1	9.8
42.5°	5.3	7.5	9.0	8.3	5.3
45°	3.0	4.5	6.0	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)