

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: P1310061

Luminaire Tested: P3SQAS09R259040DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310061
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: P3SQAS09R259040DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

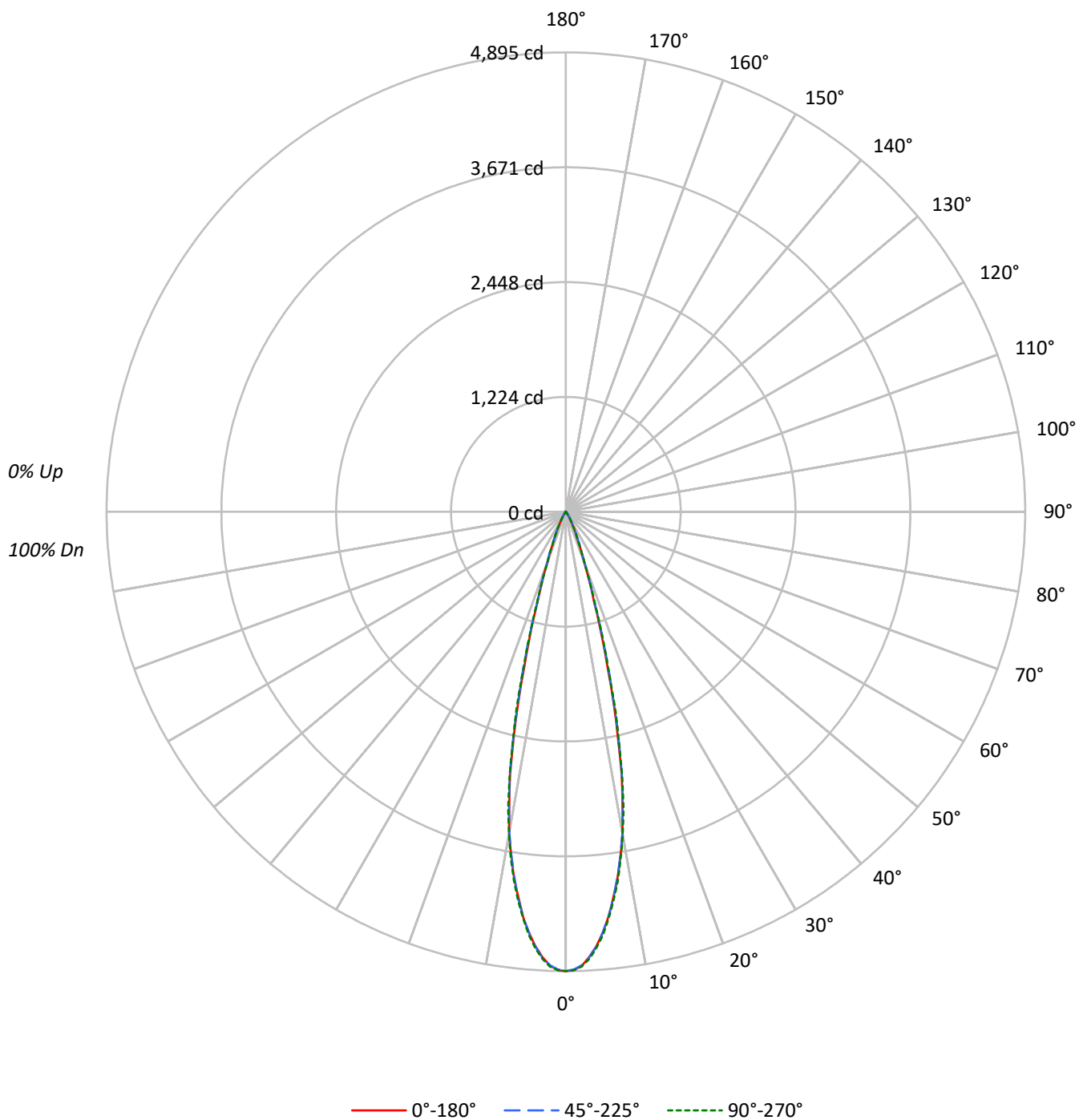
Lumens per Lamp: N/A
Luminaire Lumens: 1034.1 lumens
Efficiency: N/A
Efficacy: 93.2 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
Input Voltage (V): NR
Input Current (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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	115	113	111	110	113	111	109	108	107	106	105		103	102	102		100
2	112	108	105	103	110	107	104	102	103	101	100		101	99	97		98
3	108	104	100	98	107	103	99	97	100	98	95		98	96	94		96
4	105	100	96	93	104	99	96	93	97	94	92		95	93	91		94
5	102	97	93	90	101	96	92	90	94	91	89		93	90	88		91
6	100	94	90	87	98	93	89	87	92	88	86		90	88	86		89
7	97	91	87	84	96	90	87	84	89	86	84		88	85	83		87
8	95	88	84	82	94	88	84	82	87	84	81		86	83	81		85
9	92	86	82	80	91	86	82	79	85	82	79		84	81	79		83
10	90	84	80	78	89	84	80	77	83	80	77		82	79	77		82

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	842961	842961	842961
5°	778602	778343	782699
10°	608213	606552	610697
15°	305977	318761	318476
20°	104687	107583	105842
25°	42072	47317	43877
30°	17083	20364	16605
35°	4962	8935	4962
40°	2293	3889	2293
45°	779	1534	779
50°	429	643	429
55°	480	480	480
60°	551	551	551
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: 1534 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	397.1	38.4
10°-20°	486.0	47.0
20°-30°	118.7	11.5
30°-40°	24.5	2.4
40°-50°	4.3	0.4
50°-60°	1.5	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°	1001.8	96.9
0°-40°	1026.4	99.3
0°-60°	1032.1	99.8
0°-90°	1034.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1034.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4895	4895	4895	4895	4895	
5°	4504	4508	4502	4512	4527	397
15°	1716	1745	1788	1796	1786	479
25°	221	232	249	235	231	113
35°	24	33	42	32	24	20
45°	3	5	6	5	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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4894.6	4894.6	4894.6	4894.6	4894.6
1°	4885.1	4878.8	4877.2	4878.0	4885.9
2°	4841.0	4837.0	4836.2	4838.6	4849.6
3°	4751.1	4755.9	4757.5	4765.3	4770.8
4°	4640.8	4650.3	4646.4	4655.8	4662.1
5°	4503.7	4507.7	4502.2	4511.6	4527.4
6°	4343.8	4329.6	4343.0	4346.9	4358.0
7°	4144.5	4147.6	4152.3	4157.1	4173.6
8°	3948.3	3938.8	3936.4	3958.5	3971.9
9°	3719.0	3720.6	3711.9	3737.1	3741.0
10°	3477.9	3458.2	3468.4	3488.1	3492.1
11°	3159.6	3154.0	3169.0	3199.7	3224.2
12°	2860.9	2864.1	2879.8	2890.1	2884.6
13°	2466.2	2489.8	2509.5	2519.8	2506.4
14°	2109.3	2109.3	2134.5	2138.4	2186.5
15°	1716.1	1745.2	1787.8	1795.7	1786.2
17.5°	991.2	995.1	1015.6	1014.8	1029.8
20°	571.2	576.8	587.0	584.6	577.5
22.5°	343.5	355.4	379.8	360.1	354.6
25°	221.4	231.6	249.0	234.8	230.9
27.5°	138.7	145.8	159.2	146.6	140.2
30°	85.9	89.8	102.4	90.6	83.5
32.5°	46.5	56.7	67.0	56.7	46.5
35°	23.6	33.1	42.5	32.3	23.6
37.5°	15.8	18.9	27.6	18.1	15.8
40°	10.2	12.6	17.3	12.6	10.2
42.5°	5.5	7.9	9.5	8.7	5.5
45°	3.2	4.7	6.3	4.7	3.2
47.5°	2.4	2.4	3.9	2.4	1.6
50°	1.6	1.6	2.4	1.6	1.6
52.5°	1.6	1.6	1.6	1.6	1.6
55°	1.6	1.6	1.6	1.6	1.6
57.5°	1.6	1.6	1.6	1.6	1.6
60°	1.6	1.6	1.6	1.6	1.6
62.5°	1.6	1.6	1.6	1.6	1.6
65°	0.8	1.6	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)