

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: P1310059

Luminaire Tested: P3SQAS09R259040DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310059
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS09R259040DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

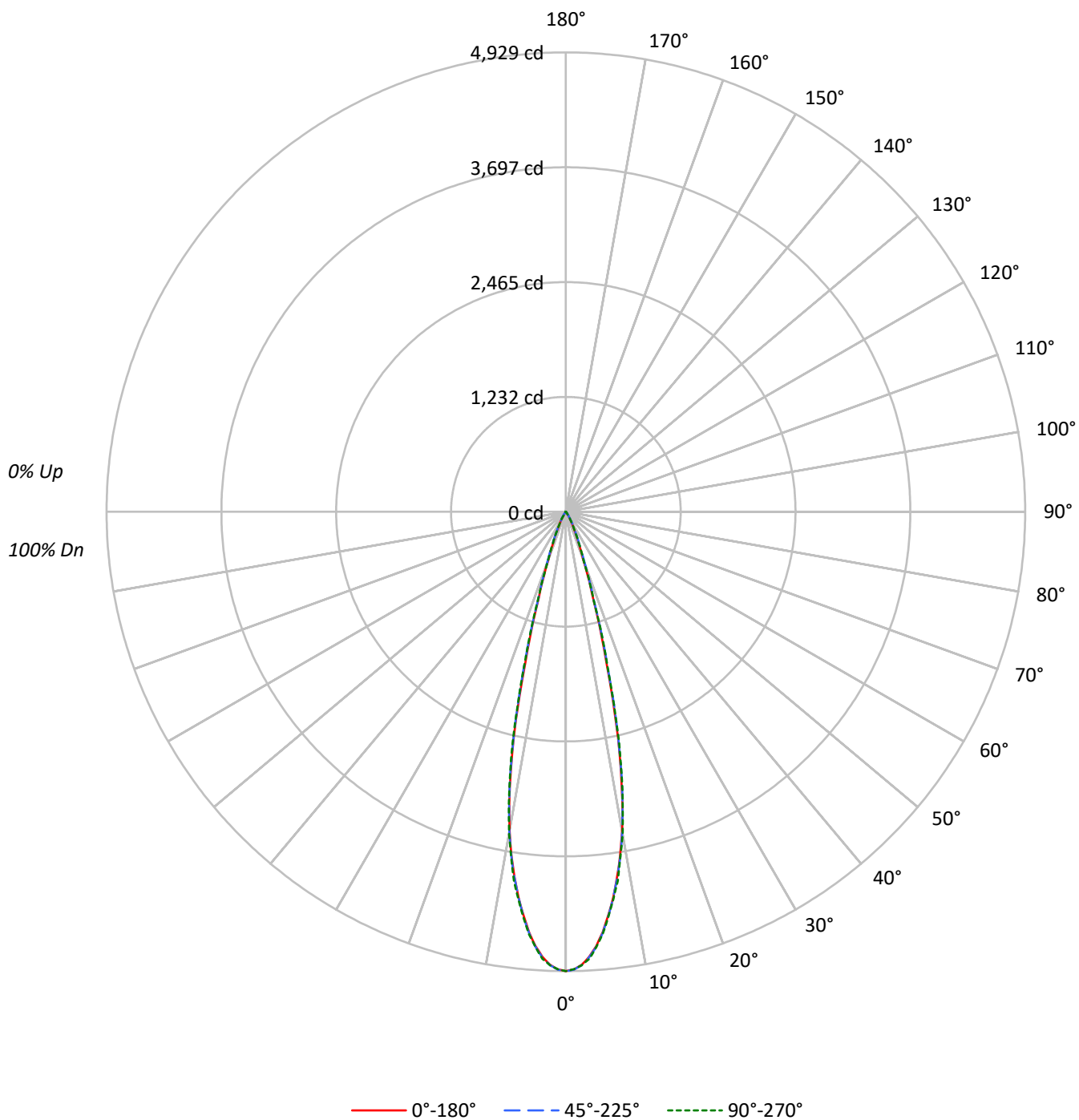
Lumens per Lamp: N/A
Luminaire Lumens: 1026.0 lumens
Efficiency: N/A
Efficacy: 92.4 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	97	96	96
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	93	93
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	91	91
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	88	88
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	86	86
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	84	83	83
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	82	81	81
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	80	79	79
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	78	77	77
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	76	75	75

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	848903	848903	848903
5°	782734	784514	786140
10°	607741	609945	613250
15°	300343	312966	313109
20°	101131	107913	103147
25°	41882	46519	43079
30°	16426	20662	16585
35°	4310	8431	4478
40°	1596	3372	1596
45°	195	950	195
50°	0	214	0
55°	0	0	0
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: 45°

Vertical Angle: 45°

Luminance: 950 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	399.4	38.9
10°-20°	483.1	47.1
20°-30°	118.0	11.5
30°-40°	22.9	2.2
40°-50°	2.6	0.3
50°-60°	0.0	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°	1000.5	97.5
0°-40°	1023.4	99.7
0°-60°	1026.0	100.0
0°-90°	1026.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1026.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4929	4929	4929	4929	4929	
5°	4528	4534	4538	4558	4547	398
15°	1684	1725	1755	1773	1756	474
25°	220	232	245	235	227	112
35°	20	29	40	29	21	18
45°	1	2	4	2	1	1
55°	0	0	0	0	0	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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4929.1	4929.1	4929.1	4929.1	4929.1
1°	4910.2	4913.3	4914.1	4918.8	4909.4
2°	4865.3	4866.1	4868.5	4877.9	4869.2
3°	4782.7	4788.2	4789.0	4801.6	4803.9
4°	4670.1	4673.3	4679.5	4700.8	4681.9
5°	4527.6	4533.9	4537.9	4557.5	4547.3
6°	4351.3	4352.9	4361.5	4384.4	4370.2
7°	4171.8	4171.1	4171.8	4189.9	4186.0
8°	3955.4	3951.4	3964.0	3986.1	4001.0
9°	3729.5	3735.0	3742.9	3764.1	3746.8
10°	3475.2	3490.2	3487.8	3489.4	3506.7
11°	3182.4	3187.1	3187.9	3204.4	3202.1
12°	2838.4	2838.4	2864.4	2891.2	2882.5
13°	2491.3	2515.7	2498.4	2503.9	2538.5
14°	2086.7	2105.6	2129.2	2151.3	2133.9
15°	1684.5	1724.6	1755.3	1772.6	1756.1
17.5°	965.0	978.4	1004.4	1007.5	997.3
20°	551.8	568.3	588.8	582.5	562.8
22.5°	347.1	351.9	372.3	362.1	357.4
25°	220.4	232.2	244.8	234.6	226.7
27.5°	137.0	144.8	158.2	147.2	138.5
30°	82.6	89.7	103.9	88.9	83.4
32.5°	43.3	53.5	65.3	54.3	43.3
35°	20.5	29.1	40.1	29.1	21.3
37.5°	12.6	15.7	24.4	15.7	12.6
40°	7.1	10.2	15.0	10.2	7.1
42.5°	3.1	5.5	7.1	5.5	3.9
45°	0.8	2.4	3.9	2.4	0.8
47.5°	0.0	0.0	2.4	0.8	0.0
50°	0.0	0.0	0.8	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
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)