

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: P1315170

Luminaire Tested: P3SQAS09R259740DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315170
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: P3SQAS09R259740DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

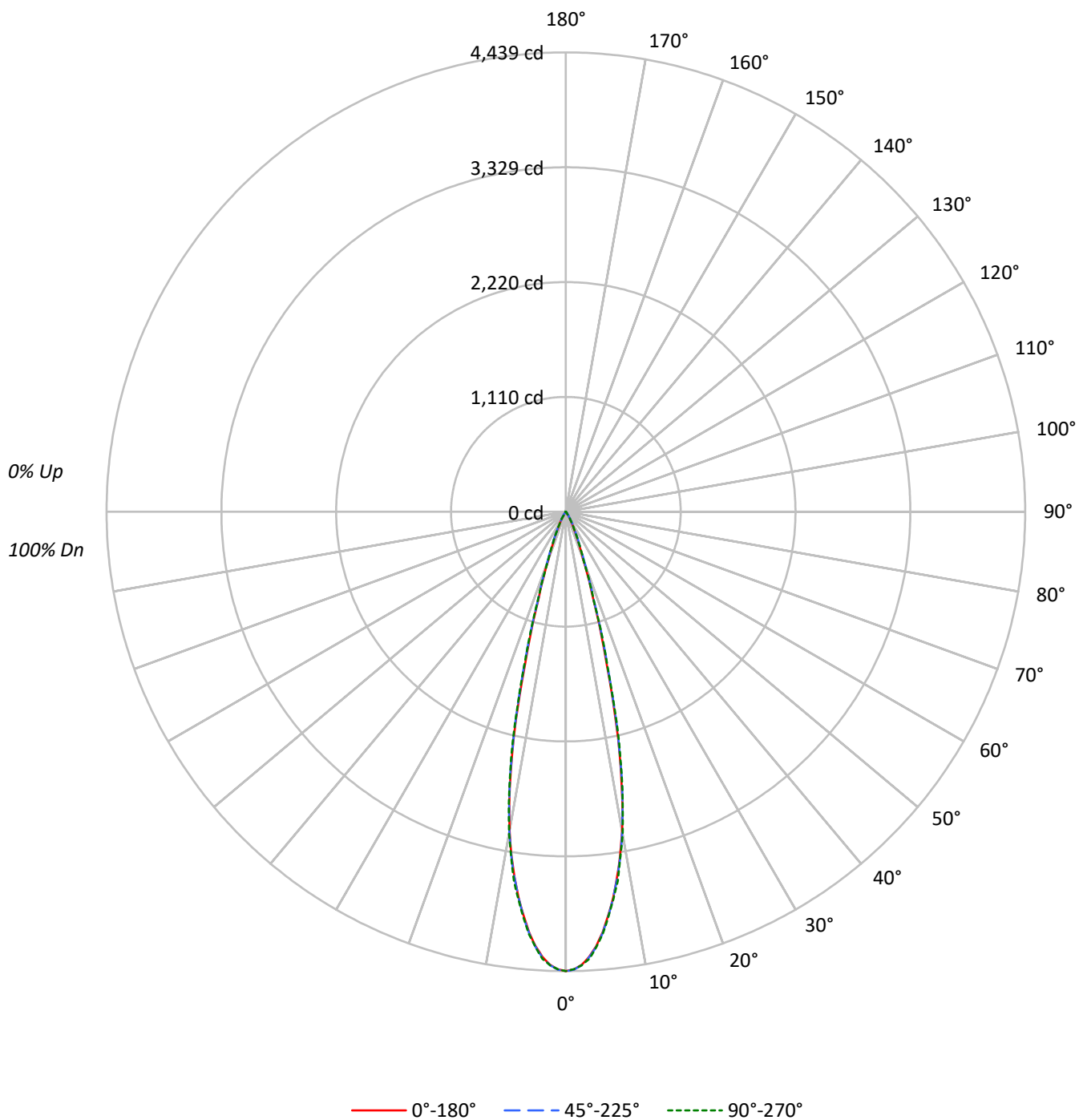
Lumens per Lamp: N/A
Luminaire Lumens: 924.0 lumens
Efficiency: N/A
Efficacy: 83.2 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	764496	764496	764496
5°	704920	706511	707980
10°	547320	549314	552287
15°	270478	281853	281978
20°	91070	97173	92902
25°	37720	41901	38803
30°	14796	18614	14935
35°	3869	7611	4016
40°	1439	3035	1439
45°	170	852	170
50°	0	188	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: 852 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	359.7	38.9
10°-20°	435.1	47.1
20°-30°	106.2	11.5
30°-40°	20.6	2.2
40°-50°	2.3	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°	901.0	97.5
0°-40°	921.6	99.7
0°-60°	924.0	100.0
0°-90°	924.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	924.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4439	4439	4439	4439	4439	
5°	4078	4083	4087	4104	4095	359
15°	1517	1553	1581	1596	1582	427
25°	198	209	220	211	204	101
35°	18	26	36	26	19	16
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°	4439.0	4439.0	4439.0	4439.0	4439.0
1°	4422.0	4424.9	4425.6	4429.8	4421.3
2°	4381.6	4382.3	4384.5	4393.0	4385.2
3°	4307.2	4312.2	4312.9	4324.2	4326.3
4°	4205.8	4208.7	4214.3	4233.5	4216.5
5°	4077.5	4083.2	4086.7	4104.5	4095.2
6°	3918.7	3920.1	3927.9	3948.5	3935.7
7°	3757.1	3756.4	3757.1	3773.4	3769.9
8°	3562.2	3558.6	3570.0	3589.8	3603.3
9°	3358.7	3363.7	3370.8	3389.9	3374.3
10°	3129.7	3143.2	3141.1	3142.5	3158.1
11°	2866.0	2870.3	2871.0	2885.9	2883.7
12°	2556.2	2556.2	2579.6	2603.7	2595.9
13°	2243.6	2265.6	2250.0	2255.0	2286.2
14°	1879.3	1896.3	1917.5	1937.4	1921.8
15°	1517.0	1553.2	1580.8	1596.4	1581.5
17.5°	869.1	881.1	904.5	907.4	898.2
20°	496.9	511.8	530.2	524.6	506.9
22.5°	312.6	316.9	335.3	326.1	321.8
25°	198.5	209.1	220.5	211.2	204.2
27.5°	123.3	130.4	142.5	132.6	124.8
30°	74.4	80.8	93.6	80.1	75.1
32.5°	39.0	48.2	58.8	48.9	39.0
35°	18.4	26.2	36.2	26.2	19.1
37.5°	11.3	14.2	22.0	14.2	11.3
40°	6.4	9.2	13.5	9.2	6.4
42.5°	2.8	5.0	6.4	5.0	3.5
45°	0.7	2.1	3.5	2.1	0.7
47.5°	0.0	0.0	2.1	0.7	0.0
50°	0.0	0.0	0.7	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)