

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: P1311136

Luminaire Tested: P3SQAS09R259050DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311136
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: P3SQAS09R259050DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

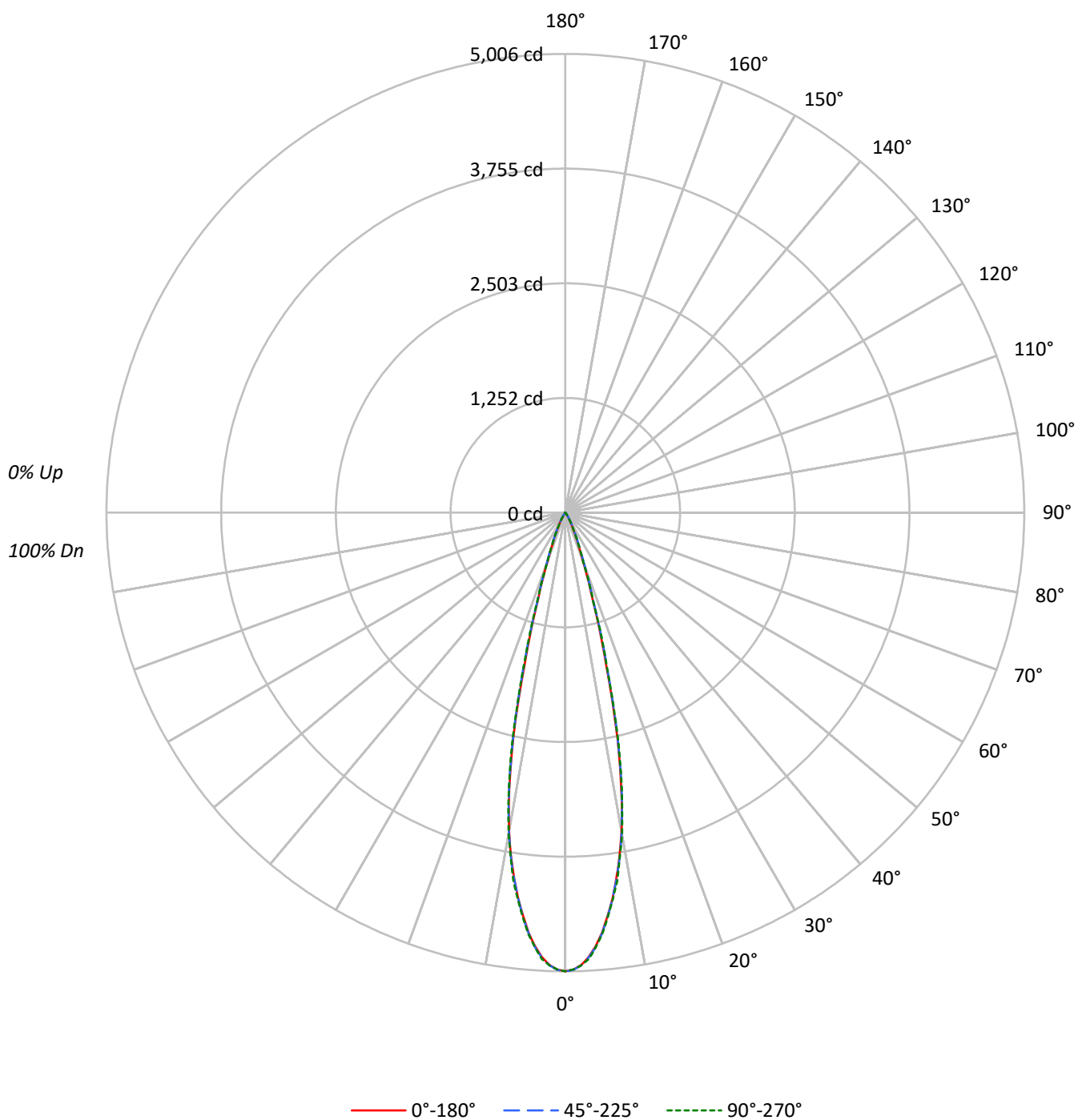
Lumens per Lamp: N/A
Luminaire Lumens: 1042.0 lumens
Efficiency: N/A
Efficacy: 93.9 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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°	862129	862129	862129
5°	794939	796737	798397
10°	617220	619458	622816
15°	305014	317852	317994
20°	102708	109599	104760
25°	42528	47241	43744
30°	16685	20980	16844
35°	4373	8578	4541
40°	1619	3417	1619
45°	195	974	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: 974 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	405.6	38.9
10°-20°	490.6	47.1
20°-30°	119.8	11.5
30°-40°	23.3	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°	1016.1	97.5
0°-40°	1039.3	99.7
0°-60°	1042.0	100.0
0°-90°	1042.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1042.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5006	5006	5006	5006	5006	
5°	4598	4605	4609	4629	4618	404
15°	1711	1752	1783	1800	1784	482
25°	224	236	249	238	230	114
35°	21	30	41	30	22	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	0

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	5005.9	5005.9	5005.9	5005.9	5005.9
1°	4986.8	4989.9	4990.7	4995.5	4986.0
2°	4941.2	4942.0	4944.4	4954.0	4945.2
3°	4857.2	4862.8	4863.6	4876.4	4878.8
4°	4742.9	4746.1	4752.5	4774.1	4754.9
5°	4598.2	4604.6	4608.6	4628.6	4618.2
6°	4419.2	4420.8	4429.6	4452.7	4438.4
7°	4236.9	4236.1	4236.9	4255.3	4251.3
8°	4017.1	4013.1	4025.9	4048.2	4063.4
9°	3787.6	3793.2	3801.2	3822.8	3805.2
10°	3529.4	3544.6	3542.2	3543.8	3561.4
11°	3232.0	3236.8	3237.6	3254.4	3252.0
12°	2882.7	2882.7	2909.1	2936.3	2927.5
13°	2530.1	2554.9	2537.3	2542.9	2578.1
14°	2119.2	2138.4	2162.4	2184.8	2167.2
15°	1710.7	1751.5	1782.7	1800.3	1783.5
17.5°	980.1	993.7	1020.1	1023.3	1012.9
20°	560.4	577.2	598.0	591.6	571.6
22.5°	352.5	357.3	378.1	367.7	362.9
25°	223.8	235.8	248.6	238.2	230.2
27.5°	139.1	147.1	160.7	149.5	140.7
30°	83.9	91.1	105.5	90.3	84.7
32.5°	44.0	54.4	66.4	55.2	44.0
35°	20.8	29.6	40.8	29.6	21.6
37.5°	12.8	16.0	24.8	16.0	12.8
40°	7.2	10.4	15.2	10.4	7.2
42.5°	3.2	5.6	7.2	5.6	4.0
45°	0.8	2.4	4.0	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)