

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: P1305511

Luminaire Tested: P3SQAS02R709024DE010 E3SQCLDWW1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305511
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-46)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS02R709024DE010 E3SQCLDWW1MB
Description: 3in Adjustable LED luminaire with, R70 optic, 2400K CCT AND, 90CRI , E3SQCLDWW1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

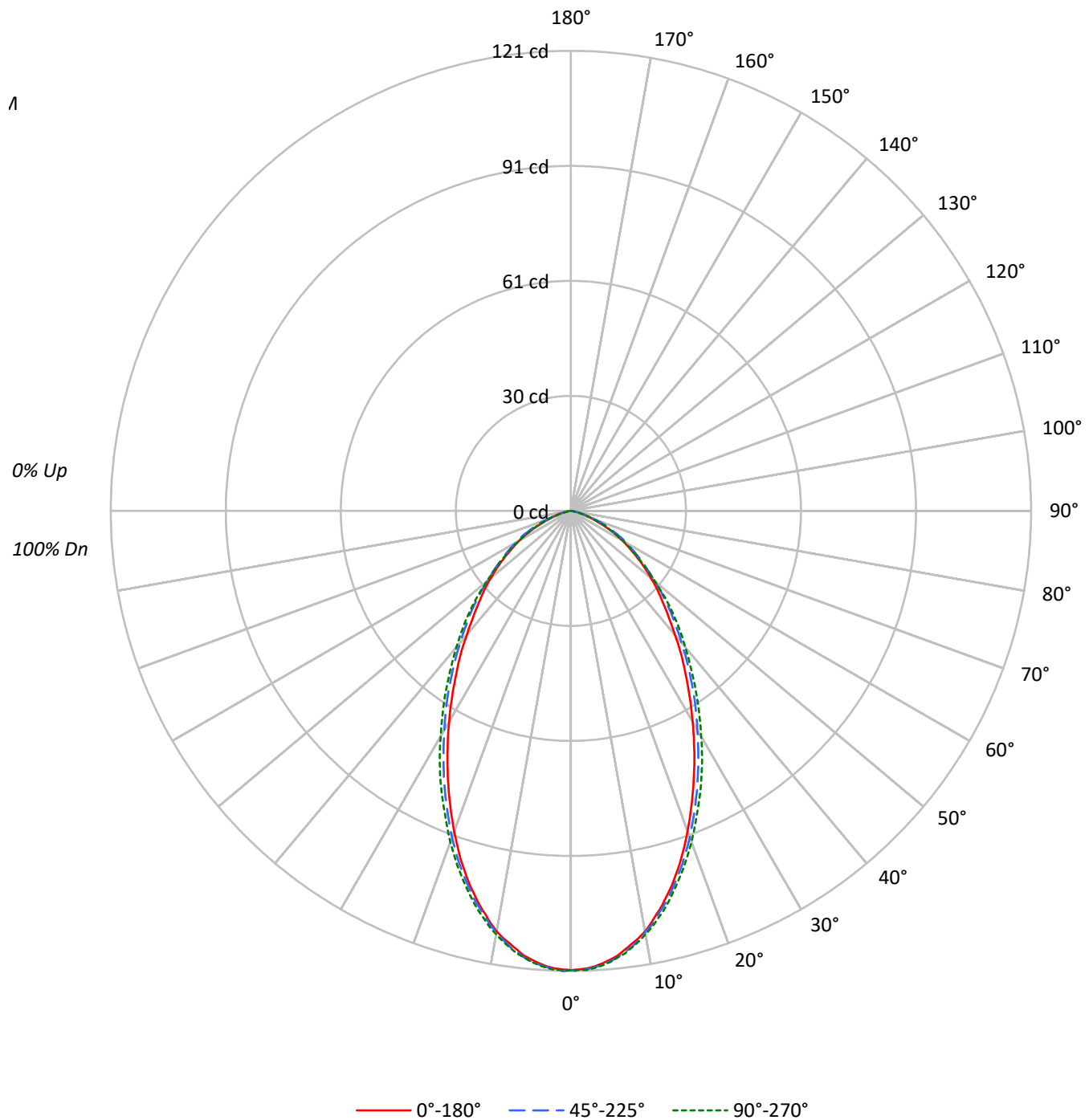
Lumens per Lamp: N/A
Luminaire Lumens: 173.0 lumens
Efficiency: N/A
Efficacy: 48.1 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 1
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	111	108	104	102	109	106	103	100	101	99	97		98	96	94		94
2	103	97	92	87	101	95	90	86	92	88	84		89	85	82		86
3	96	87	81	76	94	86	80	75	83	78	74		81	76	72		78
4	89	79	72	66	87	78	71	66	76	70	65		74	69	64		72
5	83	72	65	59	81	71	64	59	69	63	58		67	62	58		66
6	78	66	59	53	76	65	58	53	64	57	53		62	56	52		61
7	73	61	53	48	71	60	53	48	59	52	48		58	52	47		56
8	68	57	49	44	67	56	49	44	55	48	44		53	48	43		52
9	64	53	45	40	63	52	45	40	51	45	40		50	44	40		49
10	61	49	42	37	60	49	42	37	48	41	37		47	41	37		46

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	20804	20804	20804
5°	20486	20555	20590
10°	19639	19674	19779
15°	18222	18365	18525
20°	16440	16751	16990
25°	14556	14974	15335
30°	12727	13225	13622
35°	11059	11648	12005
40°	9555	10184	10522
45°	8354	8939	9207
50°	7368	7716	7716
55°	6366	6696	6516
60°	5408	5752	5477
65°	4197	4809	4360
70°	3021	3575	3021
75°	2262	2129	1730
80°	1488	1091	397
85°	395	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 9207 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.1	6.4
10°-20°	28.8	16.6
20°-30°	36.1	20.9
30°-40°	34.5	19.9
40°-50°	28.0	16.2
50°-60°	19.6	11.3
60°-70°	11.1	6.4
70°-80°	3.5	2.0
80°-90°	0.3	0.2
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°	76.0	43.9
0°-40°	110.5	63.9
0°-60°	158.1	91.4
0°-90°	173.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	173.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	121	121	121	121	121	
5°	118	119	119	119	119	11
15°	102	102	103	103	104	29
25°	77	78	79	80	81	35
35°	53	53	55	56	57	33
45°	34	35	37	37	38	27
55°	21	22	22	22	22	19
65°	10	11	12	11	11	10
75°	3	3	3	3	3	4
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°	120.8	120.8	120.8	120.8	120.8
1°	120.6	120.8	121.1	120.6	120.8
2°	120.4	120.6	120.6	120.4	120.8
3°	120.0	120.2	120.2	120.0	120.4
4°	119.3	119.6	119.6	119.3	119.8
5°	118.5	118.7	118.9	118.7	119.1
6°	117.6	117.8	118.1	117.8	118.1
7°	116.3	116.8	116.8	116.8	117.2
8°	115.0	115.5	115.7	115.5	115.9
9°	113.8	114.0	114.2	114.2	114.6
10°	112.3	112.5	112.5	112.7	113.1
11°	110.5	110.5	111.0	111.0	111.6
12°	108.4	108.6	109.0	109.3	109.7
13°	106.5	106.7	107.1	107.3	108.0
14°	104.3	104.7	105.2	105.4	106.0
15°	102.2	102.4	103.0	103.2	103.9
17.5°	96.2	96.4	97.4	97.9	98.5
20°	89.7	90.4	91.4	92.1	92.7
22.5°	83.1	83.7	85.0	86.1	86.5
25°	76.6	77.5	78.8	80.1	80.7
27.5°	70.2	71.0	72.5	73.8	74.7
30°	64.0	64.8	66.5	67.6	68.5
32.5°	58.2	59.0	61.0	62.0	62.7
35°	52.6	53.4	55.4	56.5	57.1
37.5°	47.7	48.5	50.2	51.3	51.7
40°	42.5	43.6	45.3	46.4	46.8
42.5°	38.2	39.1	40.8	41.6	42.3
45°	34.3	35.2	36.7	37.3	37.8
47.5°	30.9	31.3	32.6	32.8	33.3
50°	27.5	27.9	28.8	29.0	28.8
52.5°	24.3	24.7	25.3	25.1	25.1
55°	21.2	21.5	22.3	21.9	21.7
57.5°	18.2	18.7	19.5	18.9	18.7
60°	15.7	16.1	16.7	16.3	15.9
62.5°	13.1	13.3	14.4	13.5	13.1
65°	10.3	10.9	11.8	11.2	10.7
67.5°	7.7	8.8	9.7	8.8	8.4
70°	6.0	6.4	7.1	6.7	6.0
72.5°	4.5	4.7	4.9	4.5	4.1
75°	3.4	3.4	3.2	2.8	2.6
77.5°	2.4	2.4	1.9	1.3	1.3
80°	1.5	1.5	1.1	0.4	0.4
82.5°	0.6	0.6	0.4	0.2	0.2
85°	0.2	0.2	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)