

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: P1313172

Luminaire Tested: P3SQAS05R709730DE010 E3SQCLDWW1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313172
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: P3SQAS05R709730DE010 E3SQCLDWW1MB
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 97CRI , E3SQCLDWW1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

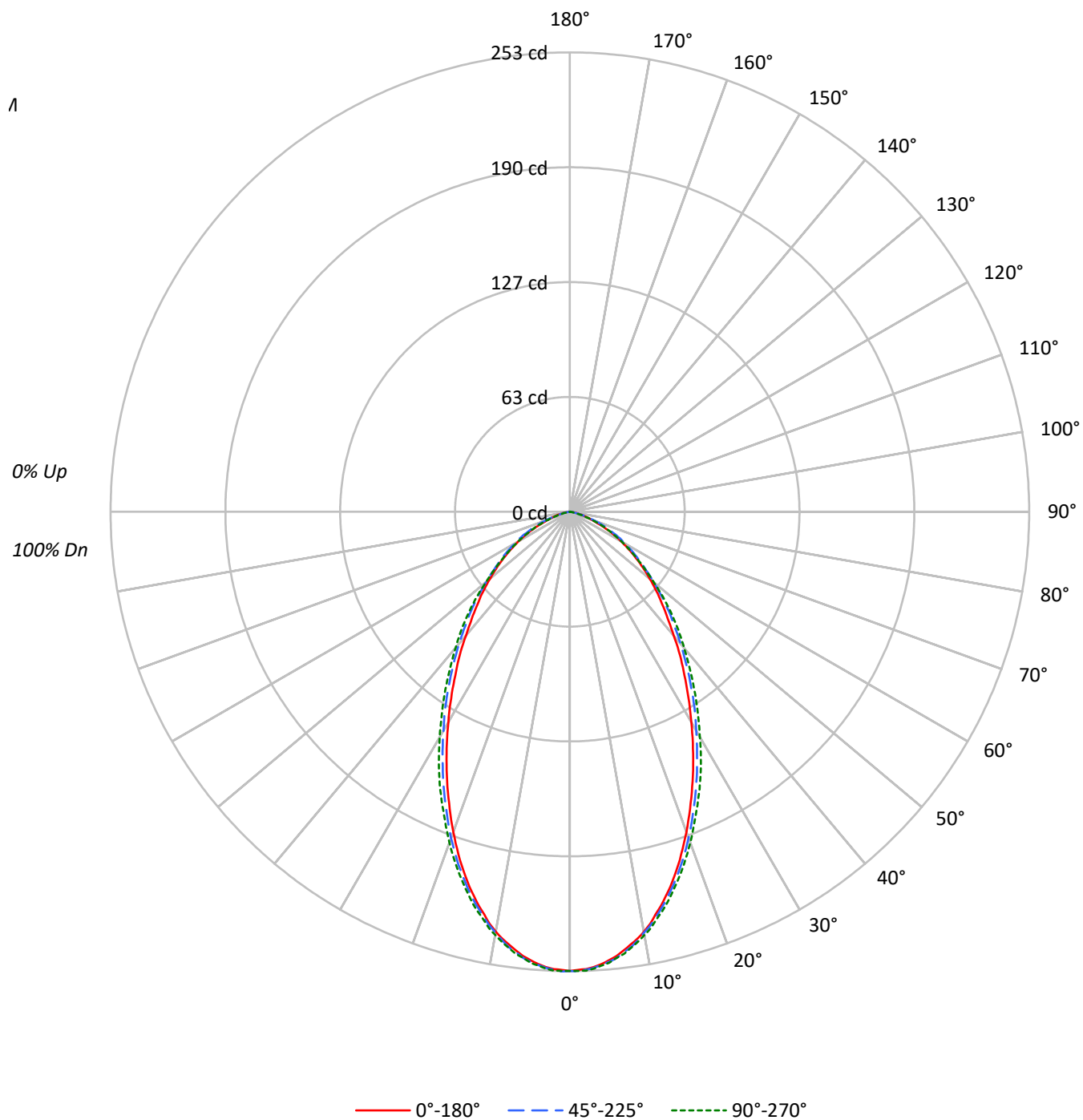
Lumens per Lamp: N/A
Luminaire Lumens: 362.0 lumens
Efficiency: N/A
Efficacy: 50.3 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 1
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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°	43555	43555	43555
5°	42857	43013	43099
10°	41079	41149	41394
15°	38120	38441	38762
20°	34401	35061	35555
25°	30461	31316	32096
30°	26608	27682	28497
35°	23127	24367	25124
40°	19987	21313	22010
45°	17512	18705	19241
50°	15406	16129	16129
55°	13362	14022	13632
60°	11298	12056	11436
65°	8802	10066	9169
70°	6345	7452	6345
75°	4791	4458	3593
80°	3075	2182	893
85°	790	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 19241 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.3	6.4
10°-20°	60.2	16.6
20°-30°	75.5	20.9
30°-40°	72.1	19.9
40°-50°	58.7	16.2
50°-60°	41.1	11.3
60°-70°	23.2	6.4
70°-80°	7.3	2.0
80°-90°	0.6	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°	159.0	43.9
0°-40°	231.2	63.9
0°-60°	330.9	91.4
0°-90°	362.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	362.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	253	253	253	253	253	
5°	248	248	249	248	249	23
15°	214	214	216	216	217	60
25°	160	162	165	168	169	74
35°	110	112	116	118	120	69
45°	72	74	77	78	79	56
55°	44	45	47	46	45	40
65°	22	23	25	23	22	22
75°	7	7	7	6	5	8
85°	0	0	0	0	0	1
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	252.9	252.9	252.9	252.9	252.9
1°	252.4	252.9	253.3	252.4	252.9
2°	252.0	252.4	252.4	252.0	252.9
3°	251.1	251.5	251.5	251.1	252.0
4°	249.7	250.2	250.2	249.7	250.6
5°	247.9	248.4	248.8	248.4	249.3
6°	246.1	246.6	247.0	246.6	247.0
7°	243.4	244.3	244.3	244.3	245.2
8°	240.7	241.6	242.1	241.6	242.5
9°	238.0	238.5	238.9	238.9	239.8
10°	234.9	235.3	235.3	235.8	236.7
11°	231.3	231.3	232.2	232.2	233.6
12°	226.8	227.3	228.2	228.6	229.5
13°	222.8	223.2	224.1	224.6	225.9
14°	218.3	219.2	220.1	220.5	221.9
15°	213.8	214.2	215.6	216.0	217.4
17.5°	201.2	201.7	203.9	204.8	206.2
20°	187.7	189.1	191.3	192.7	194.0
22.5°	173.8	175.2	177.9	180.1	181.0
25°	160.3	162.1	164.8	167.5	168.9
27.5°	146.9	148.7	151.8	154.5	156.3
30°	133.8	135.6	139.2	141.5	143.3
32.5°	121.7	123.5	127.6	129.8	131.1
35°	110.0	111.8	115.9	118.1	119.5
37.5°	99.7	101.5	105.1	107.3	108.2
40°	88.9	91.2	94.8	97.0	97.9
42.5°	79.9	81.7	85.3	87.1	88.5
45°	71.9	73.7	76.8	78.2	79.0
47.5°	64.7	65.6	68.3	68.7	69.6
50°	57.5	58.4	60.2	60.6	60.2
52.5°	50.8	51.7	53.0	52.5	52.5
55°	44.5	44.9	46.7	45.8	45.4
57.5°	38.2	39.1	40.9	39.5	39.1
60°	32.8	33.7	35.0	34.1	33.2
62.5°	27.4	27.8	30.1	28.3	27.4
65°	21.6	22.9	24.7	23.4	22.5
67.5°	16.2	18.4	20.2	18.4	17.5
70°	12.6	13.5	14.8	13.9	12.6
72.5°	9.4	9.9	10.3	9.4	8.5
75°	7.2	7.2	6.7	5.8	5.4
77.5°	4.9	4.9	4.0	2.7	2.7
80°	3.1	3.1	2.2	0.9	0.9
82.5°	1.3	1.3	0.9	0.4	0.4
85°	0.4	0.4	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)