

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: P1317643

Luminaire Tested: P3SQAS02R709835DE010 E3SQCLDWW1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317643
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: P3SQAS02R709835DE010 E3SQCLDWW1MMS
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 98CRI , E3SQCLDWW1MMS TR
Light Source: -
Ballast/Driver: -

Summary

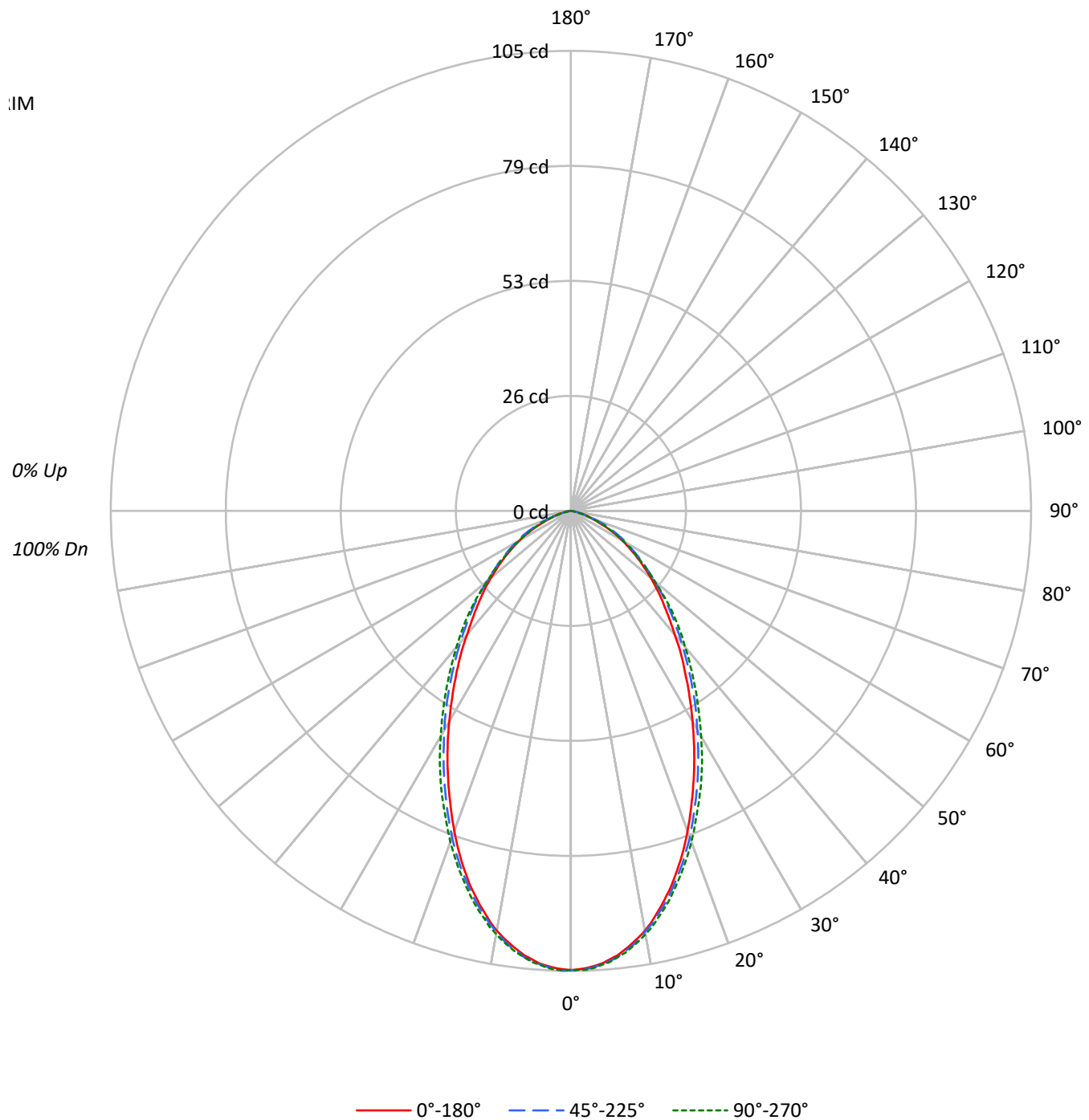
Lumens per Lamp: N/A
Luminaire Lumens: 150.0 lumens
Efficiency: N/A
Efficacy: 41.7 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 0.99
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	101	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°	18049	18049	18049
5°	17755	17824	17859
10°	17016	17051	17156
15°	15797	15922	16065
20°	14259	14534	14735
25°	12618	12979	13302
30°	11037	11475	11813
35°	9587	10092	10407
40°	8273	8835	9128
45°	7258	7745	7989
50°	6377	6671	6671
55°	5525	5825	5645
60°	4684	4994	4753
65°	3627	4157	3790
70°	2618	3072	2618
75°	1996	1863	1464
80°	1289	893	397
85°	395	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 7989 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.7	6.4
10°-20°	24.9	16.6
20°-30°	31.3	20.9
30°-40°	29.9	19.9
40°-50°	24.3	16.2
50°-60°	17.0	11.3
60°-70°	9.6	6.4
70°-80°	3.0	2.0
80°-90°	0.2	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°	65.9	43.9
0°-40°	95.8	63.9
0°-60°	137.1	91.4
0°-90°	150.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	150.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	105	105	105	105	105	
5°	103	103	103	103	103	10
15°	89	89	89	90	90	25
25°	66	67	68	69	70	30
35°	46	46	48	49	50	29
45°	30	30	32	32	33	23
55°	18	19	19	19	19	16
65°	9	10	10	10	9	9
75°	3	3	3	2	2	3
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°	104.8	104.8	104.8	104.8	104.8
1°	104.6	104.8	105.0	104.6	104.8
2°	104.4	104.6	104.6	104.4	104.8
3°	104.0	104.2	104.2	104.0	104.4
4°	103.5	103.7	103.7	103.5	103.8
5°	102.7	102.9	103.1	102.9	103.3
6°	102.0	102.2	102.4	102.2	102.4
7°	100.9	101.2	101.2	101.2	101.6
8°	99.8	100.1	100.3	100.1	100.5
9°	98.6	98.8	99.0	99.0	99.4
10°	97.3	97.5	97.5	97.7	98.1
11°	95.8	95.8	96.2	96.2	96.8
12°	94.0	94.2	94.5	94.7	95.1
13°	92.3	92.5	92.9	93.1	93.6
14°	90.4	90.8	91.2	91.4	91.9
15°	88.6	88.8	89.3	89.5	90.1
17.5°	83.4	83.6	84.5	84.9	85.4
20°	77.8	78.4	79.3	79.8	80.4
22.5°	72.0	72.6	73.7	74.6	75.0
25°	66.4	67.2	68.3	69.4	70.0
27.5°	60.9	61.6	62.9	64.0	64.8
30°	55.5	56.2	57.7	58.6	59.4
32.5°	50.4	51.2	52.9	53.8	54.3
35°	45.6	46.3	48.0	48.9	49.5
37.5°	41.3	42.1	43.5	44.5	44.9
40°	36.8	37.8	39.3	40.2	40.6
42.5°	33.1	33.9	35.4	36.1	36.7
45°	29.8	30.5	31.8	32.4	32.8
47.5°	26.8	27.2	28.3	28.5	28.8
50°	23.8	24.2	24.9	25.1	24.9
52.5°	21.0	21.4	22.0	21.8	21.8
55°	18.4	18.6	19.4	19.0	18.8
57.5°	15.8	16.2	16.9	16.4	16.2
60°	13.6	14.0	14.5	14.1	13.8
62.5°	11.4	11.5	12.5	11.7	11.4
65°	8.9	9.5	10.2	9.7	9.3
67.5°	6.7	7.6	8.4	7.6	7.3
70°	5.2	5.6	6.1	5.8	5.2
72.5°	3.9	4.1	4.3	3.9	3.5
75°	3.0	3.0	2.8	2.4	2.2
77.5°	2.0	2.0	1.7	1.1	1.1
80°	1.3	1.3	0.9	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)