

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: P1309911

Luminaire Tested: P3SQAS05R259040DE010 E3SQPHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309911
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R259040DE010 E3SQPHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3SQPHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

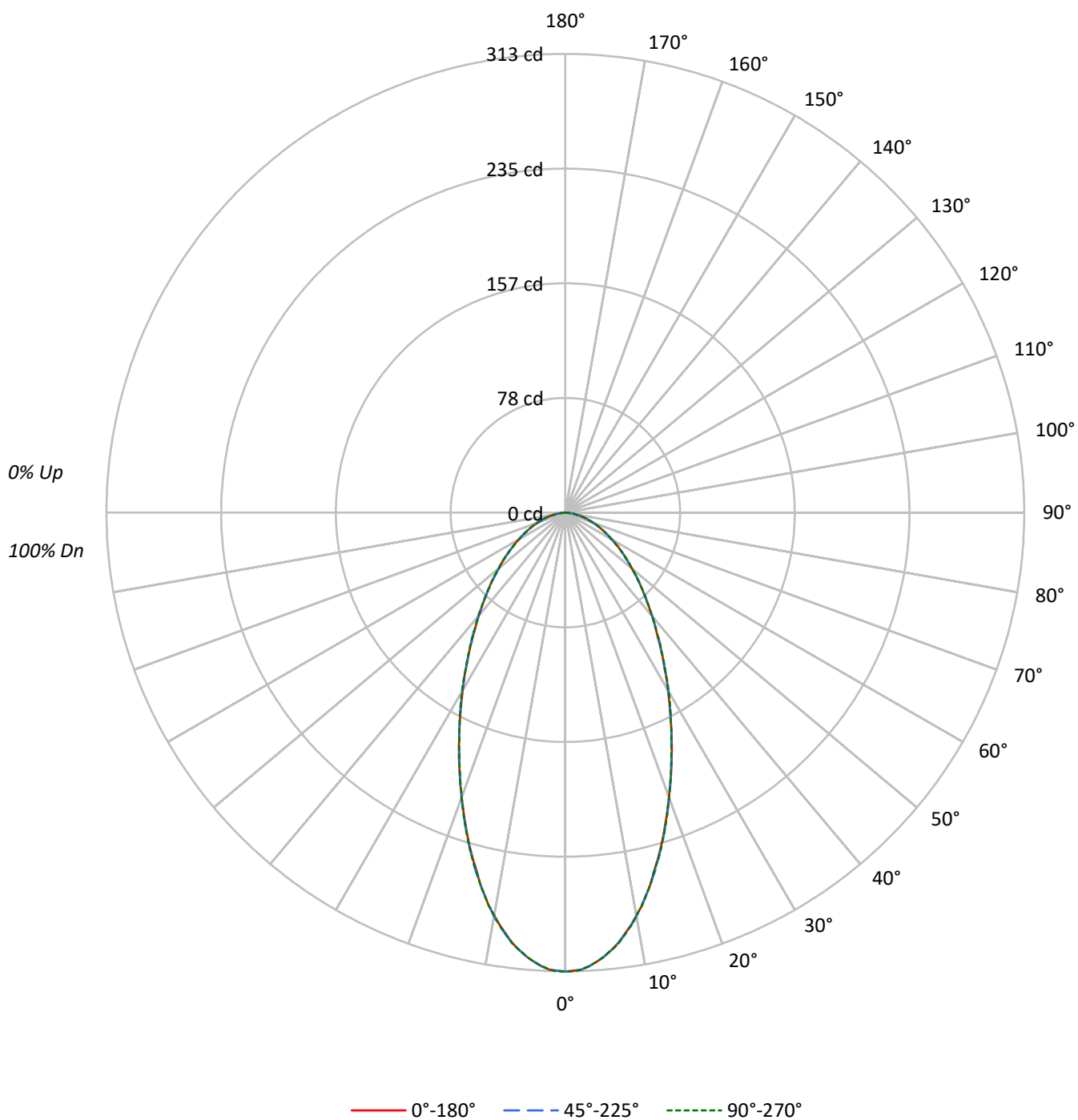
Lumens per Lamp: N/A
Luminaire Lumens: 392.0 lumens
Efficiency: N/A
Efficacy: 54.4 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	107	104	100	108	105	102	99	101	98	96		97	95	93		93
2	103	96	90	86	100	94	89	85	91	86	83		88	84	81		85
3	95	87	80	74	93	85	79	74	82	77	72		80	75	71		77
4	89	79	71	65	87	77	70	65	75	69	64		73	68	63		71
5	83	72	64	58	81	71	64	58	69	62	58		67	61	57		65
6	77	66	58	53	76	65	58	52	63	57	52		62	56	52		60
7	73	61	53	48	71	60	53	48	59	52	47		57	51	47		56
8	68	56	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	42	37		47	41	37		46

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	53923	53923	53923
5°	52556	52556	52556
10°	48826	48931	48826
15°	43540	43647	43647
20°	37865	37956	37865
25°	32609	32514	32514
30°	27821	27921	28040
35°	23863	23863	23989
40°	20684	20684	20684
45°	18072	18072	18072
50°	15862	15862	15995
55°	14202	14202	14202
60°	12607	12607	12607
65°	11410	11410	11410
70°	10272	10021	10272
75°	9316	8917	8917
80°	7438	7438	7438
85°	5335	5335	5335

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18072 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.2	7.2
10°-20°	68.1	17.4
20°-30°	78.8	20.1
30°-40°	71.4	18.2
40°-50°	57.5	14.7
50°-60°	42.4	10.8
60°-70°	27.9	7.1
70°-80°	14.4	3.7
80°-90°	3.2	0.8
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°	175.2	44.7
0°-40°	246.6	62.9
0°-60°	346.5	88.4
0°-90°	392.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	392.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	313	313	313	313	313	
5°	304	305	304	304	304	28
15°	244	245	245	244	245	68
25°	172	171	171	172	171	79
35°	114	114	114	114	114	71
45°	74	74	74	74	74	58
55°	47	47	47	47	47	43
65°	28	28	28	28	28	28
75°	14	13	13	13	13	15
85°	3	3	3	3	3	3
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	313.1	313.1	313.1	313.1	313.1
1°	312.6	313.6	312.6	312.6	313.1
2°	312.0	312.6	312.0	312.0	312.0
3°	309.9	311.0	309.9	309.9	309.9
4°	307.2	308.3	307.2	307.2	307.2
5°	304.0	305.0	304.0	304.0	304.0
6°	300.2	300.7	300.2	300.2	300.2
7°	295.9	296.4	295.9	295.9	296.4
8°	290.5	291.0	291.0	290.5	290.5
9°	285.1	285.7	285.7	285.1	285.7
10°	279.2	279.8	279.8	279.2	279.2
11°	273.3	273.8	272.8	272.8	273.3
12°	266.3	266.8	266.3	266.3	266.3
13°	259.3	259.3	259.3	259.3	259.3
14°	251.2	252.3	252.3	251.8	251.2
15°	244.2	244.8	244.8	244.2	244.8
17.5°	225.4	226.5	226.0	226.0	226.0
20°	206.6	207.1	207.1	206.6	206.6
22.5°	188.8	188.3	188.3	188.3	188.3
25°	171.6	171.1	171.1	171.6	171.1
27.5°	154.9	155.5	155.5	154.9	155.5
30°	139.9	139.9	140.4	139.9	141.0
32.5°	126.4	126.4	125.9	126.4	126.4
35°	113.5	113.5	113.5	113.5	114.1
37.5°	101.7	102.2	102.8	102.8	102.2
40°	92.0	92.0	92.0	92.0	92.0
42.5°	82.3	82.3	82.8	82.8	82.8
45°	74.2	74.2	74.2	74.2	74.2
47.5°	66.7	66.7	66.2	66.2	66.7
50°	59.2	59.7	59.2	59.2	59.7
52.5°	53.3	52.7	52.7	53.3	53.3
55°	47.3	47.3	47.3	46.8	47.3
57.5°	42.0	42.0	41.4	41.4	41.4
60°	36.6	36.6	36.6	36.6	36.6
62.5°	32.3	32.3	32.3	32.3	32.3
65°	28.0	28.0	28.0	28.0	28.0
67.5°	24.2	24.2	24.2	24.2	23.7
70°	20.4	20.4	19.9	19.9	20.4
72.5°	16.7	16.7	16.7	16.7	16.7
75°	14.0	13.4	13.4	13.4	13.4
77.5°	10.8	10.8	10.2	10.8	10.2
80°	7.5	7.5	7.5	7.5	7.5
82.5°	5.4	4.8	4.8	4.8	4.8
85°	2.7	2.7	2.7	2.7	2.7
87.5°	0.5	0.5	0.5	0.5	1.1



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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)