

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: P1305418

Luminaire Tested: P3SQASS02R259024DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305418
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQASS02R259024DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

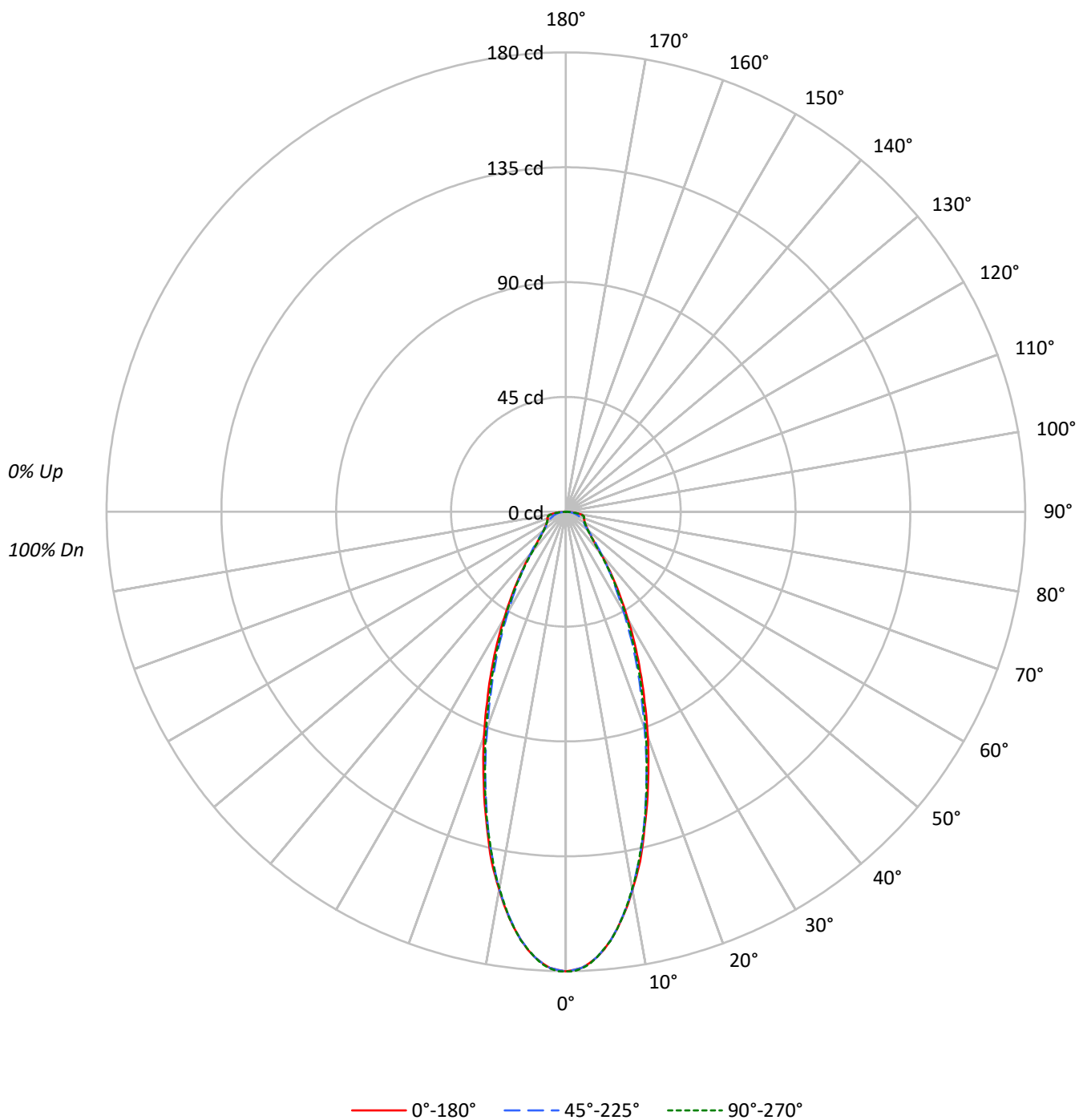
Lumens per Lamp: N/A
Luminaire Lumens: 136.0 lumens
Efficiency: N/A
Efficacy: 37.8 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	107	104	101	109	105	102	99	101	99	96		97	95	93		94
2	104	98	92	88	102	96	91	87	93	89	85		89	86	83		87
3	98	90	83	78	95	88	82	78	85	80	76		83	79	75		80
4	92	83	76	71	90	81	75	70	79	74	69		77	72	69		75
5	87	77	70	65	85	76	69	64	74	68	64		72	67	63		70
6	82	72	65	60	80	71	64	59	69	63	59		68	62	59		66
7	78	67	60	55	76	66	60	55	65	59	55		64	58	55		62
8	74	63	56	52	72	62	56	52	61	55	51		60	55	51		59
9	70	60	53	49	69	59	53	48	58	52	48		57	52	48		56
10	67	56	50	46	66	56	50	46	55	49	46		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	31017	31017	31017
5°	29753	29718	29718
10°	26302	26267	26197
15°	21717	21414	21538
20°	17210	16495	16770
25°	13112	12409	12732
30°	9665	8969	9367
35°	6917	6602	6686
40°	4744	4834	4586
45°	3507	3726	3459
50°	3054	3054	3001
55°	2913	2762	2913
60°	2962	2756	2962
65°	3260	2812	3260
70°	3877	2820	3777
75°	4858	2994	4858
80°	6149	3174	5752
85°	5138	2964	5138

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 80°
Luminance: 6149 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.7	11.6
10°-20°	33.4	24.5
20°-30°	30.6	22.5
30°-40°	20.2	14.8
40°-50°	11.8	8.6
50°-60°	8.6	6.3
60°-70°	7.3	5.4
70°-80°	6.0	4.4
80°-90°	2.5	1.8
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°	79.7	58.6
0°-40°	99.9	73.4
0°-60°	120.2	88.4
0°-90°	136.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	136.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	180	180	180	180	180	
5°	172	172	172	172	172	16
15°	122	121	120	121	121	34
25°	69	67	65	66	67	32
35°	33	32	31	31	32	21
45°	14	15	15	14	14	12
55°	10	10	9	10	10	9
65°	8	7	7	7	8	8
75°	7	6	4	6	7	8
85°	3	3	2	3	3	3
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	180.1	180.1	180.1	180.1	180.1
1°	179.6	179.6	179.6	179.6	180.1
2°	178.8	178.6	178.8	178.8	179.0
3°	177.1	177.1	177.1	177.1	177.5
4°	174.9	174.9	174.9	174.9	174.9
5°	172.1	171.9	171.9	172.1	171.9
6°	168.7	168.7	168.7	168.7	168.9
7°	164.8	164.6	164.6	164.4	164.8
8°	160.3	160.3	160.1	159.9	160.3
9°	155.6	155.8	155.4	155.1	155.1
10°	150.4	150.2	150.2	150.2	149.8
11°	145.3	144.6	144.4	144.4	144.8
12°	140.1	139.0	138.6	138.6	138.6
13°	133.9	133.4	132.8	132.4	132.6
14°	127.6	127.6	126.6	126.6	127.0
15°	121.8	121.4	120.1	120.6	120.8
17.5°	107.4	106.6	105.1	105.1	105.3
20°	93.9	92.4	90.0	91.1	91.5
22.5°	80.6	79.1	76.7	77.8	78.2
25°	69.0	67.0	65.3	65.5	67.0
27.5°	58.4	56.3	54.6	55.2	56.1
30°	48.6	47.3	45.1	46.2	47.1
32.5°	40.2	39.1	37.6	38.2	39.1
35°	32.9	32.2	31.4	31.4	31.8
37.5°	26.6	26.4	26.0	25.8	25.6
40°	21.1	21.5	21.5	21.1	20.4
42.5°	17.2	17.6	18.1	17.2	16.5
45°	14.4	14.8	15.3	14.4	14.2
47.5°	12.7	12.9	13.1	12.7	12.5
50°	11.4	11.4	11.4	11.2	11.2
52.5°	10.5	10.3	10.1	10.3	10.3
55°	9.7	9.7	9.2	9.5	9.7
57.5°	9.0	8.8	8.6	8.8	9.0
60°	8.6	8.2	8.0	8.2	8.6
62.5°	8.2	7.7	7.3	7.7	8.2
65°	8.0	7.3	6.9	7.3	8.0
67.5°	7.7	6.9	6.2	6.9	7.7
70°	7.7	6.4	5.6	6.4	7.5
72.5°	7.5	6.0	5.2	6.0	7.5
75°	7.3	5.6	4.5	5.6	7.3
77.5°	7.1	5.2	3.9	5.2	6.9
80°	6.2	4.7	3.2	4.7	5.8
82.5°	4.5	3.9	2.6	3.9	4.3
85°	2.6	2.8	1.5	2.8	2.6
87.5°	0.4	0.6	0.4	1.1	0.9



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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)