

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: P1315023

Luminaire Tested: P3SQAS05R259740DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315023
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: P3SQAS05R259740DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

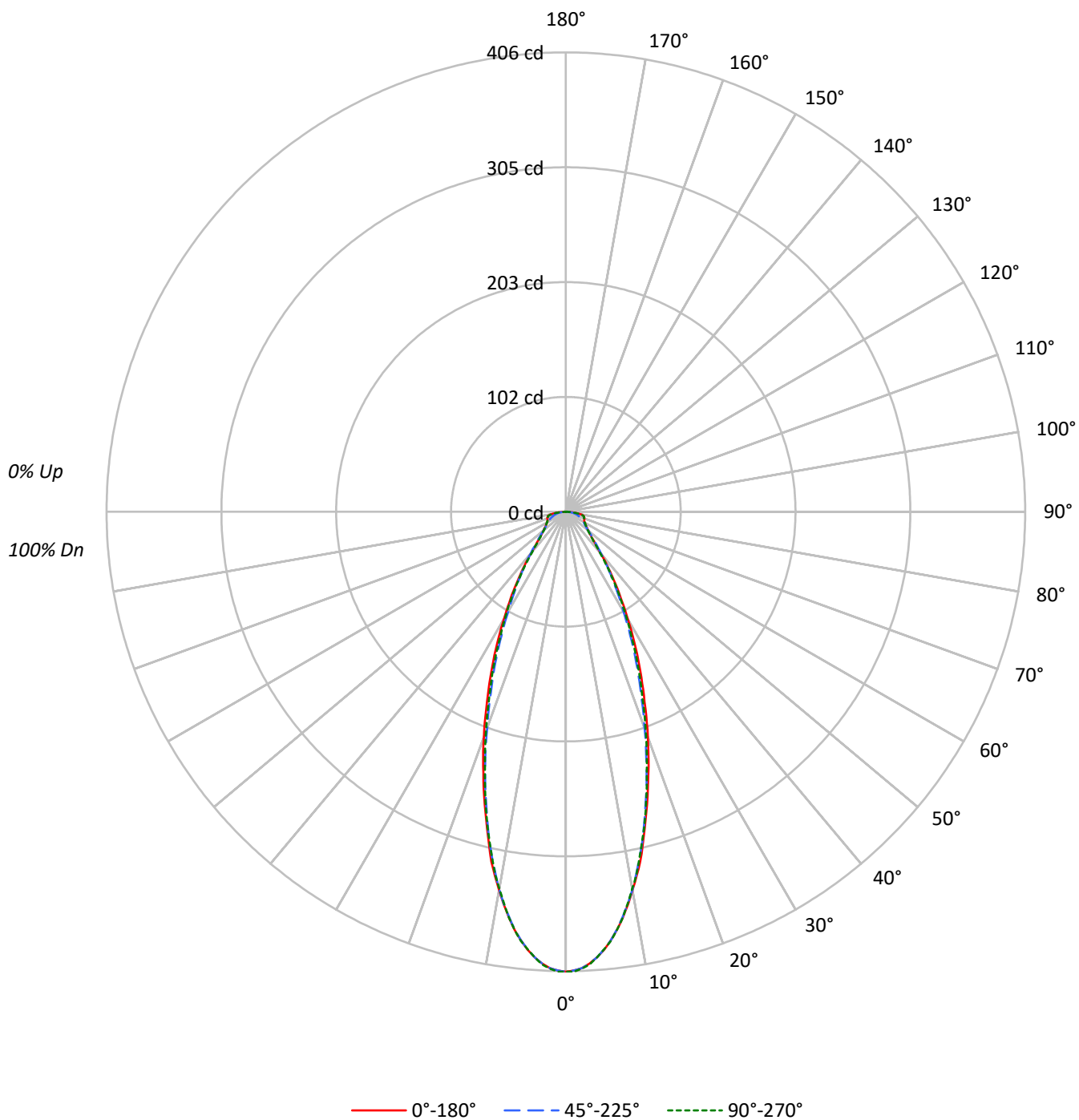
Lumens per Lamp: N/A
Luminaire Lumens: 307.0 lumens
Efficiency: N/A
Efficacy: 42.6 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	70009	70009	70009
5°	67164	67095	67095
10°	59389	59302	59127
15°	49032	48354	48604
20°	38854	37242	37865
25°	29587	28029	28751
30°	21796	20264	21120
35°	15600	14885	15096
40°	10679	10904	10364
45°	7916	8378	7794
50°	6886	6886	6752
55°	6546	6275	6546
60°	6682	6166	6682
65°	7294	6316	7294
70°	8812	6345	8560
75°	10979	6787	10979
80°	13984	7240	12992
85°	11461	6719	11461

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 13984 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.5	11.6
10°-20°	75.4	24.6
20°-30°	69.1	22.5
30°-40°	45.5	14.8
40°-50°	26.5	8.6
50°-60°	19.4	6.3
60°-70°	16.4	5.4
70°-80°	13.6	4.4
80°-90°	5.6	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°	179.9	58.6
0°-40°	225.5	73.4
0°-60°	271.3	88.4
0°-90°	307.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	307.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	406	406	406	406	406	
5°	388	388	388	388	388	36
15°	275	274	271	272	273	76
25°	156	151	148	148	151	72
35°	74	73	71	71	72	47
45°	32	34	34	32	32	26
55°	22	22	21	21	22	20
65°	18	16	16	16	18	18
75°	16	13	10	13	16	17
85°	6	6	3	6	6	7
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	406.5	406.5	406.5	406.5	406.5
1°	405.5	405.5	405.5	405.5	406.5
2°	403.6	403.1	403.6	403.6	404.1
3°	399.7	399.7	399.7	399.7	400.7
4°	394.8	394.8	394.8	394.8	394.8
5°	388.5	388.1	388.1	388.5	388.1
6°	380.8	380.8	380.8	380.8	381.3
7°	372.1	371.6	371.6	371.1	372.1
8°	361.9	361.9	361.4	360.9	361.9
9°	351.2	351.7	350.7	350.2	350.2
10°	339.6	339.1	339.1	339.1	338.1
11°	327.9	326.5	326.0	326.0	326.9
12°	316.3	313.8	312.9	312.9	312.9
13°	302.2	301.2	299.8	298.8	299.3
14°	288.1	288.1	285.7	285.7	286.7
15°	275.0	274.1	271.2	272.1	272.6
17.5°	242.5	240.6	237.2	237.2	237.7
20°	212.0	208.6	203.2	205.7	206.6
22.5°	181.9	178.5	173.2	175.6	176.6
25°	155.7	151.3	147.5	147.9	151.3
27.5°	131.9	127.1	123.2	124.7	126.6
30°	109.6	106.7	101.9	104.3	106.2
32.5°	90.7	88.3	84.9	86.3	88.3
35°	74.2	72.8	70.8	70.8	71.8
37.5°	60.1	59.7	58.7	58.2	57.7
40°	47.5	48.5	48.5	47.5	46.1
42.5°	38.8	39.8	40.7	38.8	37.4
45°	32.5	33.5	34.4	32.5	32.0
47.5°	28.6	29.1	29.6	28.6	28.1
50°	25.7	25.7	25.7	25.2	25.2
52.5°	23.8	23.3	22.8	23.3	23.3
55°	21.8	21.8	20.9	21.3	21.8
57.5°	20.4	19.9	19.4	19.9	20.4
60°	19.4	18.4	17.9	18.4	19.4
62.5°	18.4	17.5	16.5	17.5	18.4
65°	17.9	16.5	15.5	16.5	17.9
67.5°	17.5	15.5	14.1	15.5	17.5
70°	17.5	14.6	12.6	14.6	17.0
72.5°	17.0	13.6	11.6	13.6	17.0
75°	16.5	12.6	10.2	12.6	16.5
77.5°	16.0	11.6	8.7	11.6	15.5
80°	14.1	10.7	7.3	10.7	13.1
82.5°	10.2	8.7	5.8	8.7	9.7
85°	5.8	6.3	3.4	6.3	5.8
87.5°	1.0	1.5	1.0	2.4	1.9



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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)