

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: P1308828

Luminaire Tested: P3SQAS05R359035DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308828
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R359035DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

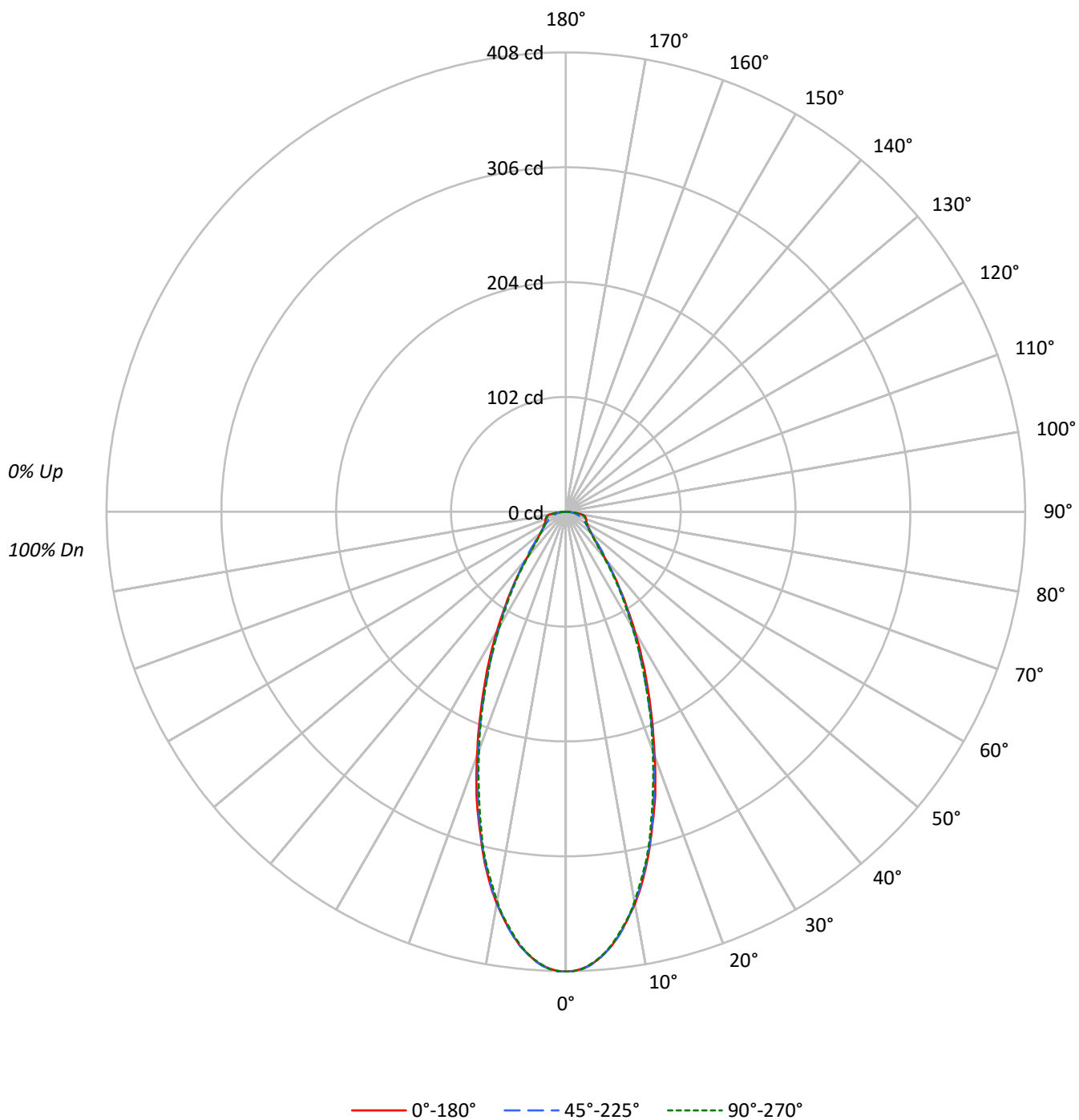
Lumens per Lamp: N/A
Luminaire Lumens: 338.0 lumens
Efficiency: N/A
Efficacy: 46.9 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	101	96	91	87	92	88	85		89	86	83		86
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	69	64	73	68	63		72	67	63		70
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	60	55	76	66	59	54	64	58	54		63	58	54		62
8	73	62	56	51	72	62	55	51	61	55	51		60	54	50		59
9	70	59	52	48	68	58	52	48	57	52	47		56	51	47		55
10	66	56	49	45	65	55	49	45	54	49	45		53	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	70353	70353	70353
5°	68046	68132	68046
10°	61820	61732	61453
15°	52473	52295	51831
20°	42245	41677	41310
25°	32647	31677	31677
30°	24361	23526	23327
35°	17534	17303	16883
40°	12253	12612	11803
45°	9158	9645	8890
50°	7850	7850	7716
55°	7416	7116	7266
60°	7612	6923	7268
65°	8191	6928	7987
70°	9567	7251	9316
75°	11978	7519	11645
80°	15274	8133	13786
85°	12251	8102	12251

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 15274 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.3	10.7
10°-20°	81.0	24.0
20°-30°	77.3	22.9
30°-40°	51.9	15.4
40°-50°	30.5	9.0
50°-60°	21.8	6.5
60°-70°	18.2	5.4
70°-80°	14.9	4.4
80°-90°	6.1	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°	194.6	57.6
0°-40°	246.5	72.9
0°-60°	298.8	88.4
0°-90°	338.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	338.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	408	408	408	408	408	
5°	394	395	394	394	394	36
15°	294	295	293	291	291	82
25°	172	170	167	167	167	79
35°	83	83	82	81	80	53
45°	38	39	40	38	36	30
55°	25	24	24	24	24	22
65°	20	18	17	18	20	20
75°	18	14	11	14	18	19
85°	6	7	4	7	6	7
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	408.5	408.5	408.5	408.5	408.5
1°	408.0	408.5	408.5	408.0	408.0
2°	406.0	407.0	406.5	406.0	406.5
3°	403.4	404.4	403.9	403.4	402.9
4°	399.3	400.3	399.8	398.7	398.7
5°	393.6	394.6	394.1	393.6	393.6
6°	387.9	389.0	387.9	386.9	386.9
7°	380.2	381.8	380.7	379.7	379.2
8°	371.5	373.0	372.0	371.5	370.4
9°	362.7	363.8	362.2	362.2	362.2
10°	353.5	354.0	353.0	351.4	351.4
11°	343.2	342.7	342.2	341.1	340.1
12°	331.9	331.9	330.3	329.3	328.8
13°	320.0	319.5	318.5	317.5	317.5
14°	307.7	307.7	306.6	304.6	305.1
15°	294.3	294.8	293.3	291.2	290.7
17.5°	263.9	262.9	260.3	258.8	257.3
20°	230.5	230.0	227.4	225.9	225.4
22.5°	199.6	199.1	196.5	195.0	196.0
25°	171.8	169.8	166.7	166.7	166.7
27.5°	146.1	143.5	141.5	140.5	141.5
30°	122.5	120.4	118.3	117.8	117.3
32.5°	101.4	100.3	99.3	97.8	97.8
35°	83.4	83.4	82.3	80.8	80.3
37.5°	67.9	68.4	67.9	66.4	65.9
40°	54.5	55.6	56.1	54.5	52.5
42.5°	44.8	46.3	47.3	44.8	43.2
45°	37.6	38.6	39.6	37.6	36.5
47.5°	32.9	33.4	34.0	32.4	31.9
50°	29.3	29.3	29.3	28.8	28.8
52.5°	26.8	26.8	26.2	25.7	25.7
55°	24.7	24.2	23.7	23.7	24.2
57.5°	23.2	22.6	21.6	22.1	22.6
60°	22.1	21.1	20.1	20.6	21.1
62.5°	20.6	19.6	18.5	19.0	20.1
65°	20.1	18.0	17.0	18.0	19.6
67.5°	19.6	17.0	15.4	17.0	19.0
70°	19.0	15.9	14.4	15.9	18.5
72.5°	18.5	14.9	12.9	14.9	18.0
75°	18.0	13.9	11.3	13.9	17.5
77.5°	17.0	12.9	9.8	12.9	15.9
80°	15.4	11.8	8.2	11.3	13.9
82.5°	11.3	9.8	6.7	9.8	10.3
85°	6.2	6.7	4.1	6.7	6.2
87.5°	0.5	1.0	1.0	3.1	2.1



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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)