

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: P1314051

Luminaire Tested: P3SQAS05R259735DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314051
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: P3SQAS05R259735DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

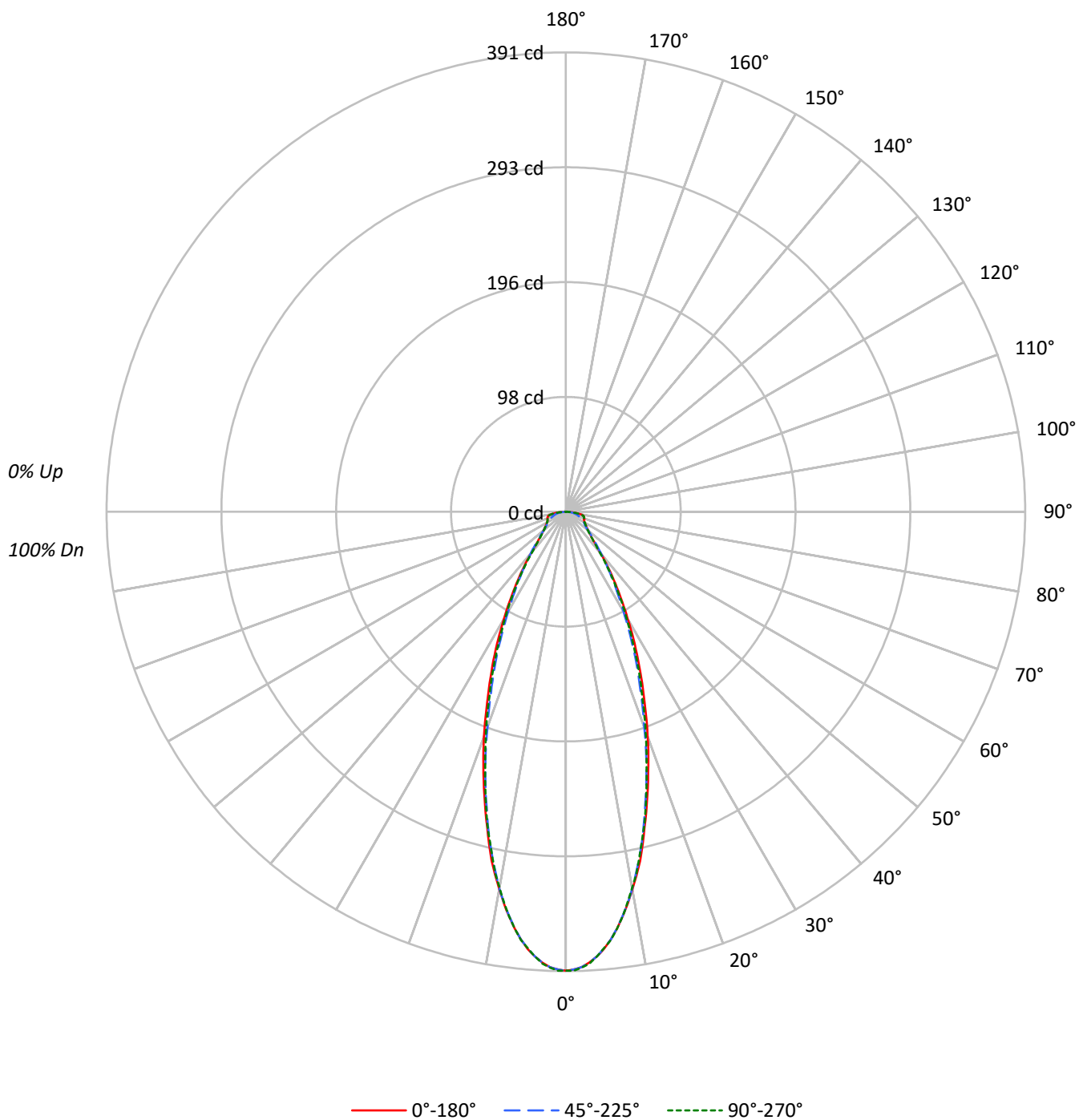
Lumens per Lamp: N/A
Luminaire Lumens: 295.0 lumens
Efficiency: N/A
Efficacy: 41.0 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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°	67270	67270	67270
5°	64554	64467	64467
10°	57063	56976	56818
15°	47124	46464	46714
20°	37333	35794	36399
25°	28428	26927	27630
30°	20941	19469	20304
35°	14990	14318	14507
40°	10274	10477	9960
45°	7599	8062	7502
50°	6618	6618	6484
55°	6305	6005	6305
60°	6407	5924	6407
65°	7009	6072	7009
70°	8460	6093	8208
75°	10514	6521	10514
80°	13389	6943	12497
85°	11066	6521	11066

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 13389 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.1	11.6
10°-20°	72.4	24.6
20°-30°	66.4	22.5
30°-40°	43.8	14.8
40°-50°	25.5	8.6
50°-60°	18.6	6.3
60°-70°	15.8	5.4
70°-80°	13.1	4.4
80°-90°	5.4	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°	172.9	58.6
0°-40°	216.6	73.4
0°-60°	260.7	88.4
0°-90°	295.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	295.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	391	391	391	391	391	
5°	373	373	373	373	373	34
15°	264	263	261	262	262	73
25°	150	145	142	142	145	69
35°	71	70	68	68	69	45
45°	31	32	33	31	31	25
55°	21	21	20	20	21	19
65°	17	16	15	16	17	17
75°	16	12	10	12	16	17
85°	6	6	3	6	6	6
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	390.6	390.6	390.6	390.6	390.6
1°	389.7	389.7	389.7	389.7	390.6
2°	387.8	387.3	387.8	387.8	388.3
3°	384.1	384.1	384.1	384.1	385.0
4°	379.4	379.4	379.4	379.4	379.4
5°	373.4	372.9	372.9	373.4	372.9
6°	365.9	365.9	365.9	365.9	366.4
7°	357.5	357.0	357.0	356.6	357.5
8°	347.7	347.7	347.3	346.8	347.7
9°	337.5	337.9	337.0	336.5	336.5
10°	326.3	325.8	325.8	325.8	324.9
11°	315.1	313.7	313.2	313.2	314.2
12°	303.9	301.6	300.6	300.6	300.6
13°	290.4	289.5	288.1	287.1	287.6
14°	276.9	276.9	274.5	274.5	275.5
15°	264.3	263.4	260.6	261.5	262.0
17.5°	233.1	231.2	227.9	227.9	228.4
20°	203.7	200.4	195.3	197.6	198.6
22.5°	174.8	171.5	166.4	168.7	169.7
25°	149.6	145.4	141.7	142.2	145.4
27.5°	126.8	122.1	118.4	119.8	121.7
30°	105.3	102.5	97.9	100.2	102.1
32.5°	87.2	84.8	81.6	83.0	84.8
35°	71.3	69.9	68.1	68.1	69.0
37.5°	57.8	57.3	56.4	55.9	55.5
40°	45.7	46.6	46.6	45.7	44.3
42.5°	37.3	38.2	39.2	37.3	35.9
45°	31.2	32.2	33.1	31.2	30.8
47.5°	27.5	28.0	28.4	27.5	27.0
50°	24.7	24.7	24.7	24.2	24.2
52.5°	22.8	22.4	21.9	22.4	22.4
55°	21.0	21.0	20.0	20.5	21.0
57.5°	19.6	19.1	18.6	19.1	19.6
60°	18.6	17.7	17.2	17.7	18.6
62.5°	17.7	16.8	15.8	16.8	17.7
65°	17.2	15.8	14.9	15.8	17.2
67.5°	16.8	14.9	13.5	14.9	16.8
70°	16.8	14.0	12.1	14.0	16.3
72.5°	16.3	13.1	11.2	13.1	16.3
75°	15.8	12.1	9.8	12.1	15.8
77.5°	15.4	11.2	8.4	11.2	14.9
80°	13.5	10.3	7.0	10.3	12.6
82.5°	9.8	8.4	5.6	8.4	9.3
85°	5.6	6.1	3.3	6.1	5.6
87.5°	0.9	1.4	0.9	2.3	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)