

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: P1313270

Luminaire Tested: P3SQAS09R359730DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313270
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: P3SQAS09R359730DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

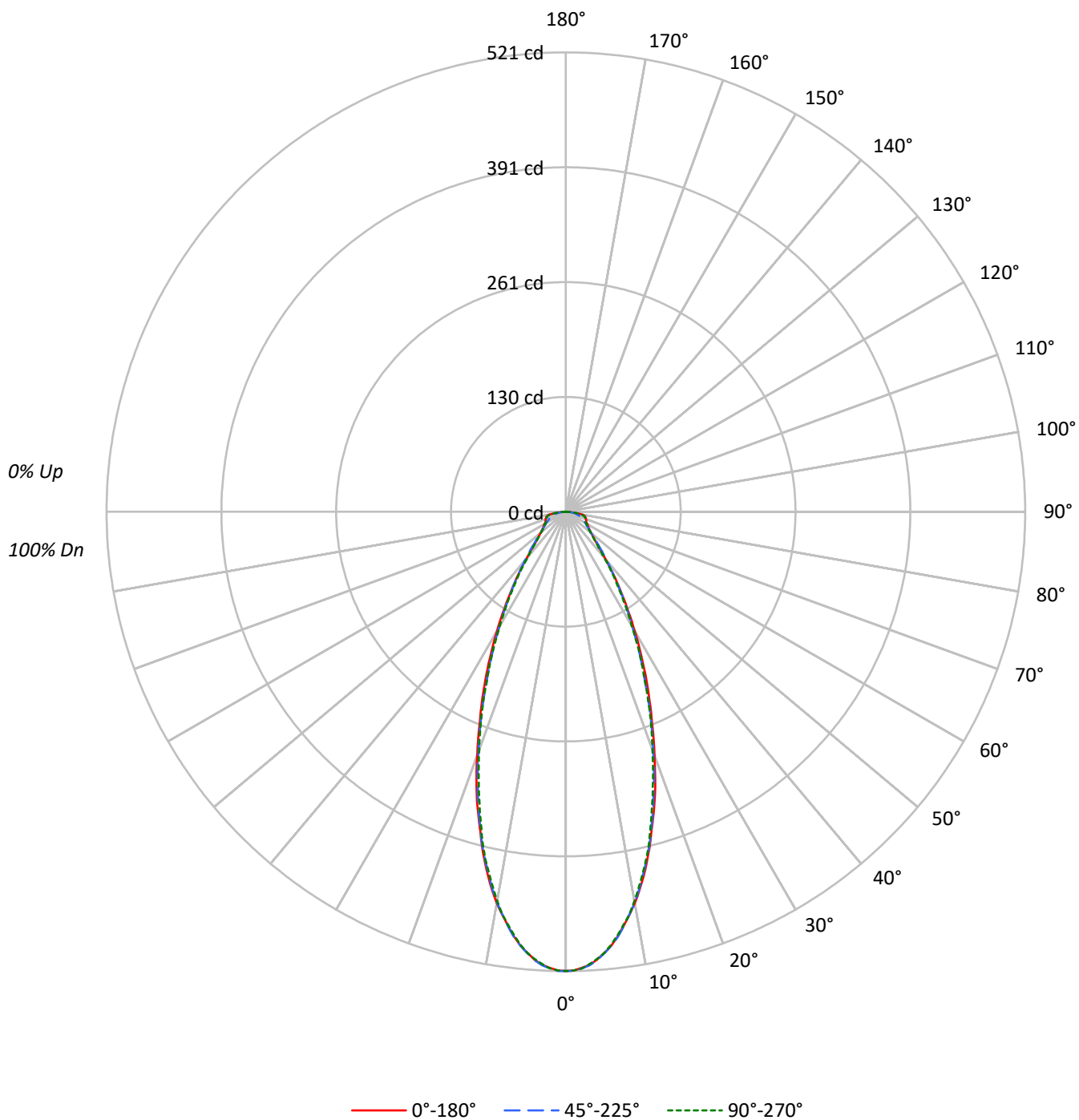
Lumens per Lamp: N/A
Luminaire Lumens: 431.0 lumens
Efficiency: N/A
Efficacy: 38.8 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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°	89711	89711	89711
5°	86769	86890	86769
10°	78818	78713	78363
15°	66915	66683	66095
20°	53865	53150	52673
25°	41635	40400	40400
30°	31043	30009	29750
35°	22349	22076	21508
40°	15625	16075	15041
45°	11667	12300	11350
50°	10021	10021	9833
55°	9458	9068	9248
60°	9713	8818	9266
65°	10432	8843	10147
70°	12236	9265	11884
75°	15305	9582	14839
80°	19538	10414	17555
85°	15611	10275	15611

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 19538 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.3	10.7
10°-20°	103.3	24.0
20°-30°	98.6	22.9
30°-40°	66.2	15.4
40°-50°	38.9	9.0
50°-60°	27.8	6.5
60°-70°	23.2	5.4
70°-80°	19.0	4.4
80°-90°	7.8	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°	248.1	57.6
0°-40°	314.4	72.9
0°-60°	381.0	88.4
0°-90°	431.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	431.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	521	521	521	521	521	
5°	502	503	503	502	502	46
15°	375	376	374	371	371	104
25°	219	216	213	213	213	101
35°	106	106	105	103	102	67
45°	48	49	50	48	47	38
55°	32	31	30	30	31	29
65°	26	23	22	23	25	26
75°	23	18	14	18	22	24
85°	8	8	5	8	8	9
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	520.9	520.9	520.9	520.9	520.9
1°	520.3	520.9	520.9	520.3	520.3
2°	517.6	519.0	518.3	517.6	518.3
3°	514.4	515.7	515.0	514.4	513.7
4°	509.1	510.4	509.8	508.5	508.5
5°	501.9	503.2	502.6	501.9	501.9
6°	494.7	496.0	494.7	493.4	493.4
7°	484.8	486.8	485.5	484.2	483.5
8°	473.7	475.7	474.3	473.7	472.4
9°	462.5	463.8	461.9	461.9	461.9
10°	450.7	451.4	450.1	448.1	448.1
11°	437.6	436.9	436.3	435.0	433.7
12°	423.2	423.2	421.2	419.9	419.2
13°	408.1	407.4	406.1	404.8	404.8
14°	392.3	392.3	391.0	388.4	389.1
15°	375.3	375.9	374.0	371.3	370.7
17.5°	336.6	335.3	332.0	330.0	328.0
20°	293.9	293.3	290.0	288.0	287.4
22.5°	254.6	253.9	250.6	248.7	250.0
25°	219.1	216.5	212.6	212.6	212.6
27.5°	186.3	183.0	180.4	179.1	180.4
30°	156.1	153.5	150.9	150.2	149.6
32.5°	129.2	127.9	126.6	124.7	124.7
35°	106.3	106.3	105.0	103.0	102.3
37.5°	86.6	87.3	86.6	84.6	84.0
40°	69.5	70.9	71.5	69.5	66.9
42.5°	57.1	59.0	60.4	57.1	55.1
45°	47.9	49.2	50.5	47.9	46.6
47.5°	42.0	42.6	43.3	41.3	40.7
50°	37.4	37.4	37.4	36.7	36.7
52.5°	34.1	34.1	33.5	32.8	32.8
55°	31.5	30.8	30.2	30.2	30.8
57.5°	29.5	28.9	27.6	28.2	28.9
60°	28.2	26.9	25.6	26.2	26.9
62.5°	26.2	24.9	23.6	24.3	25.6
65°	25.6	23.0	21.7	23.0	24.9
67.5°	24.9	21.7	19.7	21.7	24.3
70°	24.3	20.3	18.4	20.3	23.6
72.5°	23.6	19.0	16.4	19.0	23.0
75°	23.0	17.7	14.4	17.7	22.3
77.5°	21.7	16.4	12.5	16.4	20.3
80°	19.7	15.1	10.5	14.4	17.7
82.5°	14.4	12.5	8.5	12.5	13.1
85°	7.9	8.5	5.2	8.5	7.9
87.5°	0.7	1.3	1.3	3.9	2.6



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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)