

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: P1312264

Luminaire Tested: P3SQAS09R259727DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1312264
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: P3SQAS09R259727DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

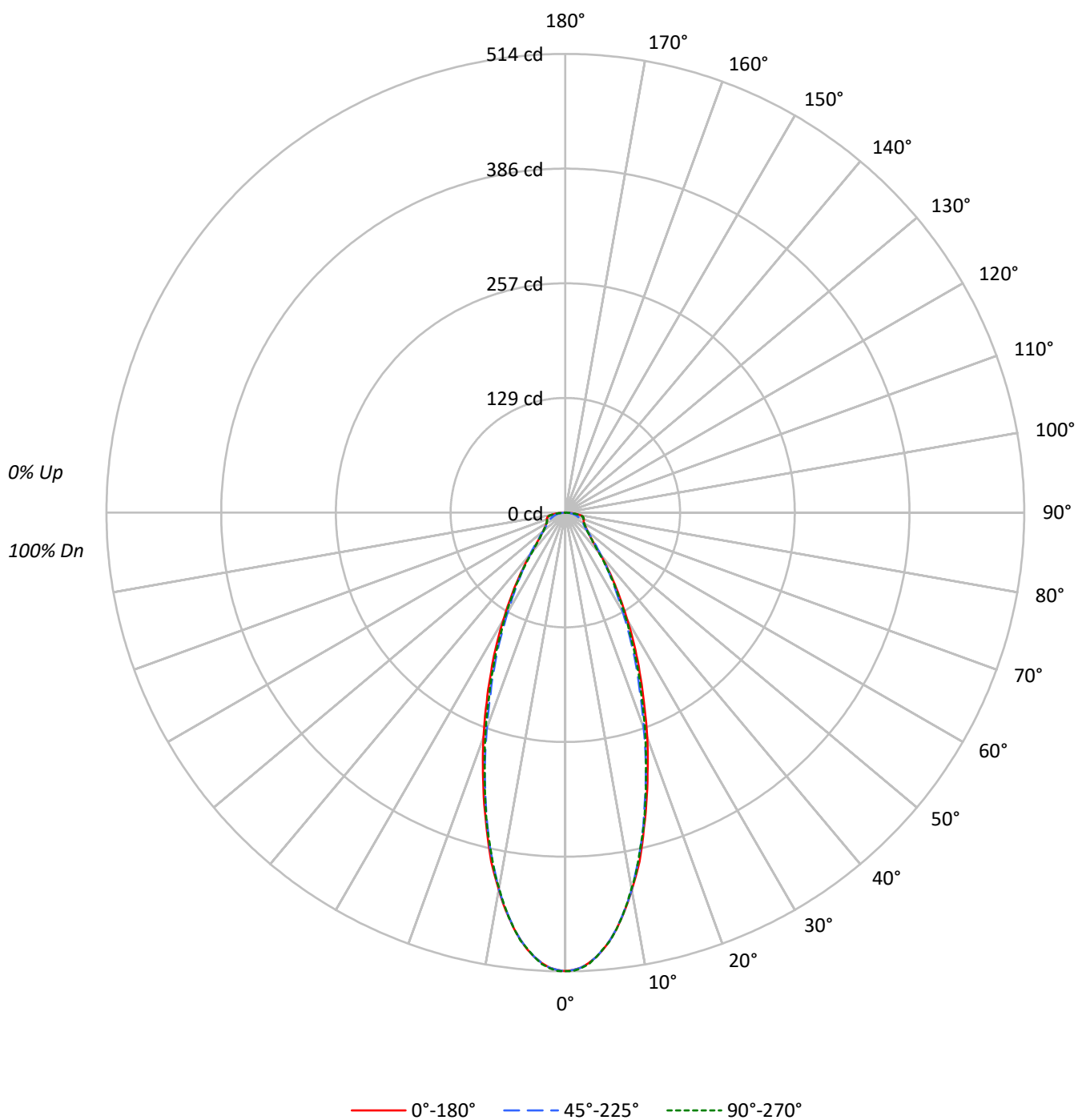
Lumens per Lamp: N/A
Luminaire Lumens: 388.0 lumens
Efficiency: N/A
Efficacy: 35.0 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	88471	88471	88471
5°	84902	84781	84781
10°	75041	74936	74726
15°	61976	61103	61424
20°	49100	47083	47872
25°	37397	35421	36352
30°	27563	25594	26708
35°	19721	18817	19069
40°	13512	13782	13085
45°	10010	10595	9864
50°	8708	8708	8547
55°	8287	7927	8287
60°	8439	7819	8439
65°	9251	7987	9251
70°	11128	8006	10826
75°	13841	8584	13841
80°	17654	9124	16464
85°	14623	8497	14623

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 17654 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.8	11.6
10°-20°	95.3	24.6
20°-30°	87.3	22.5
30°-40°	57.6	14.8
40°-50°	33.5	8.6
50°-60°	24.5	6.3
60°-70°	20.8	5.4
70°-80°	17.2	4.4
80°-90°	7.1	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°	227.4	58.6
0°-40°	285.0	73.4
0°-60°	342.9	88.4
0°-90°	388.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	388.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	514	514	514	514	514	
5°	491	490	490	491	490	45
15°	348	346	343	344	344	96
25°	197	191	186	187	191	90
35°	94	92	90	90	91	59
45°	41	42	44	41	40	33
55°	28	28	26	27	28	25
65°	23	21	20	21	23	23
75°	21	16	13	16	21	22
85°	7	8	4	8	7	8
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	513.7	513.7	513.7	513.7	513.7
1°	512.5	512.5	512.5	512.5	513.7
2°	510.1	509.4	510.1	510.1	510.7
3°	505.2	505.2	505.2	505.2	506.4
4°	499.0	499.0	499.0	499.0	499.0
5°	491.1	490.4	490.4	491.1	490.4
6°	481.2	481.2	481.2	481.2	481.9
7°	470.2	469.6	469.6	469.0	470.2
8°	457.3	457.3	456.7	456.1	457.3
9°	443.9	444.5	443.2	442.6	442.6
10°	429.1	428.5	428.5	428.5	427.3
11°	414.4	412.6	412.0	412.0	413.2
12°	399.7	396.6	395.4	395.4	395.4
13°	381.9	380.7	378.9	377.6	378.3
14°	364.2	364.2	361.1	361.1	362.3
15°	347.6	346.4	342.7	343.9	344.5
17.5°	306.5	304.1	299.8	299.8	300.4
20°	267.9	263.6	256.9	259.9	261.2
22.5°	229.9	225.6	218.9	221.9	223.2
25°	196.8	191.3	186.4	187.0	191.3
27.5°	166.8	160.6	155.7	157.6	160.0
30°	138.6	134.9	128.7	131.8	134.3
32.5°	114.6	111.6	107.3	109.1	111.6
35°	93.8	92.0	89.5	89.5	90.7
37.5°	76.0	75.4	74.2	73.6	73.0
40°	60.1	61.3	61.3	60.1	58.2
42.5°	49.0	50.3	51.5	49.0	47.2
45°	41.1	42.3	43.5	41.1	40.5
47.5°	36.2	36.8	37.4	36.2	35.6
50°	32.5	32.5	32.5	31.9	31.9
52.5°	30.0	29.4	28.8	29.4	29.4
55°	27.6	27.6	26.4	27.0	27.6
57.5°	25.7	25.1	24.5	25.1	25.7
60°	24.5	23.3	22.7	23.3	24.5
62.5°	23.3	22.1	20.8	22.1	23.3
65°	22.7	20.8	19.6	20.8	22.7
67.5°	22.1	19.6	17.8	19.6	22.1
70°	22.1	18.4	15.9	18.4	21.5
72.5°	21.5	17.2	14.7	17.2	21.5
75°	20.8	15.9	12.9	15.9	20.8
77.5°	20.2	14.7	11.0	14.7	19.6
80°	17.8	13.5	9.2	13.5	16.6
82.5°	12.9	11.0	7.4	11.0	12.3
85°	7.4	8.0	4.3	8.0	7.4
87.5°	1.2	1.8	1.2	3.1	2.5



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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)