

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: P1311973

Luminaire Tested: P3SQAS02R359727DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311973
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: P3SQAS02R359727DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

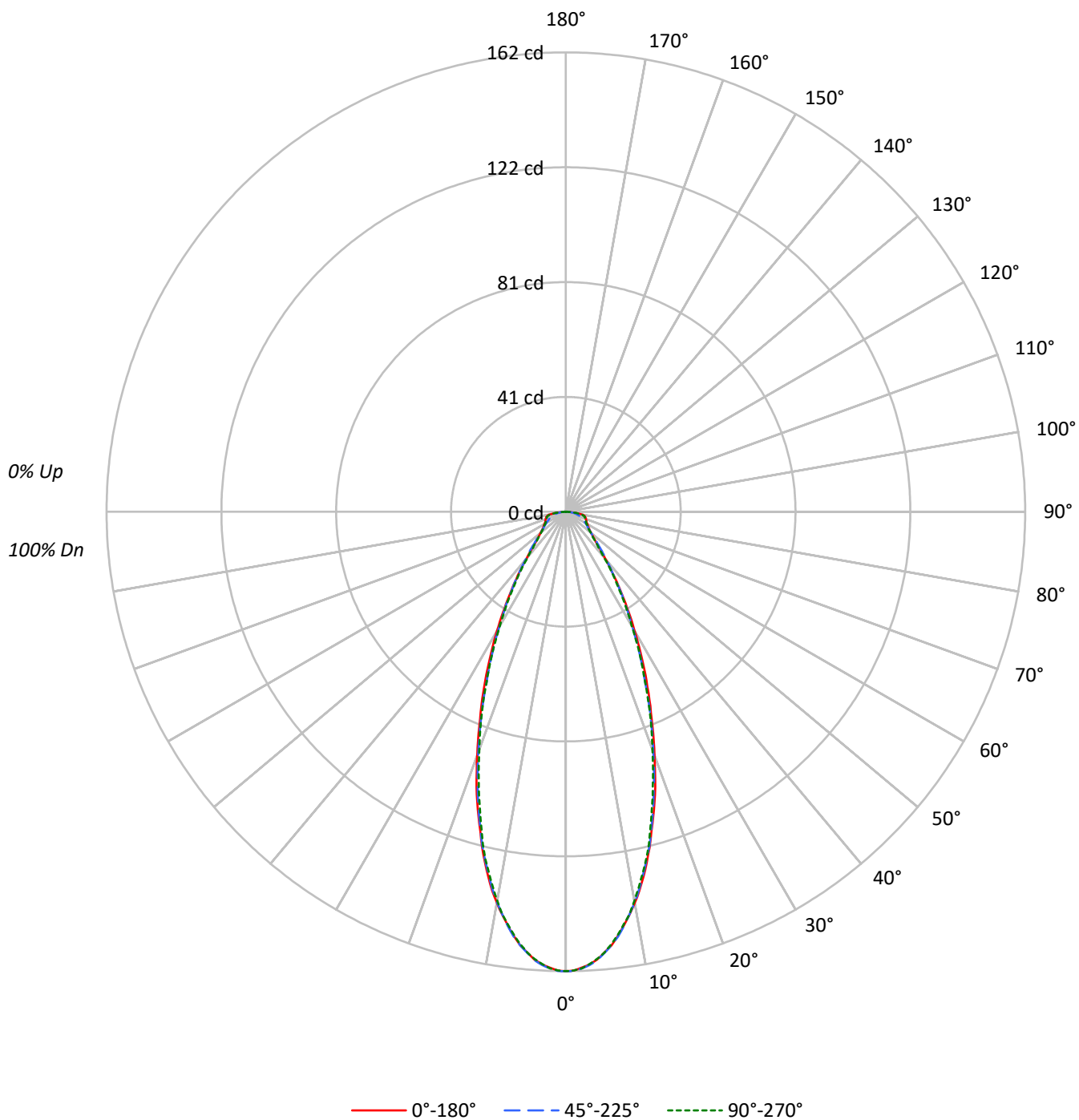
Lumens per Lamp: N/A
Luminaire Lumens: 134.0 lumens
Efficiency: N/A
Efficacy: 37.2 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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°	27900	27900	27900
5°	26969	27004	26969
10°	24501	24466	24361
15°	20807	20736	20540
20°	16751	16531	16367
25°	12941	12561	12561
30°	9645	9327	9247
35°	6938	6854	6686
40°	4856	4991	4676
45°	3629	3824	3532
50°	3108	3108	3054
55°	2943	2822	2883
60°	3031	2756	2893
65°	3260	2730	3179
70°	3777	2870	3676
75°	4724	2994	4591
80°	6050	3273	5455
85°	4742	3162	4742

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 80°
Luminance: 6050 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.4	10.7
10°-20°	32.1	24.0
20°-30°	30.7	22.9
30°-40°	20.6	15.4
40°-50°	12.1	9.0
50°-60°	8.7	6.5
60°-70°	7.2	5.4
70°-80°	5.9	4.4
80°-90°	2.4	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°	77.1	57.6
0°-40°	97.7	72.9
0°-60°	118.5	88.4
0°-90°	134.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	134.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	162	162	162	162	162	
5°	156	156	156	156	156	14
15°	117	117	116	116	115	32
25°	68	67	66	66	66	31
35°	33	33	33	32	32	21
45°	15	15	16	15	14	12
55°	10	10	9	9	10	9
65°	8	7	7	7	8	8
75°	7	6	4	6	7	7
85°	2	3	2	3	2	3
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	162.0	162.0	162.0	162.0	162.0
1°	161.8	162.0	162.0	161.8	161.8
2°	160.9	161.3	161.1	160.9	161.1
3°	159.9	160.3	160.1	159.9	159.7
4°	158.3	158.7	158.5	158.1	158.1
5°	156.0	156.5	156.2	156.0	156.0
6°	153.8	154.2	153.8	153.4	153.4
7°	150.7	151.4	150.9	150.5	150.3
8°	147.3	147.9	147.5	147.3	146.9
9°	143.8	144.2	143.6	143.6	143.6
10°	140.1	140.3	139.9	139.3	139.3
11°	136.1	135.8	135.6	135.2	134.8
12°	131.6	131.6	131.0	130.5	130.3
13°	126.9	126.7	126.3	125.9	125.9
14°	122.0	122.0	121.6	120.8	121.0
15°	116.7	116.9	116.3	115.5	115.2
17.5°	104.6	104.2	103.2	102.6	102.0
20°	91.4	91.2	90.2	89.5	89.3
22.5°	79.1	78.9	77.9	77.3	77.7
25°	68.1	67.3	66.1	66.1	66.1
27.5°	57.9	56.9	56.1	55.7	56.1
30°	48.5	47.7	46.9	46.7	46.5
32.5°	40.2	39.8	39.4	38.8	38.8
35°	33.0	33.0	32.6	32.0	31.8
37.5°	26.9	27.1	26.9	26.3	26.1
40°	21.6	22.0	22.2	21.6	20.8
42.5°	17.7	18.4	18.8	17.7	17.1
45°	14.9	15.3	15.7	14.9	14.5
47.5°	13.1	13.3	13.5	12.9	12.6
50°	11.6	11.6	11.6	11.4	11.4
52.5°	10.6	10.6	10.4	10.2	10.2
55°	9.8	9.6	9.4	9.4	9.6
57.5°	9.2	9.0	8.6	8.8	9.0
60°	8.8	8.4	8.0	8.2	8.4
62.5°	8.2	7.8	7.3	7.5	8.0
65°	8.0	7.1	6.7	7.1	7.8
67.5°	7.8	6.7	6.1	6.7	7.5
70°	7.5	6.3	5.7	6.3	7.3
72.5°	7.3	5.9	5.1	5.9	7.1
75°	7.1	5.5	4.5	5.5	6.9
77.5°	6.7	5.1	3.9	5.1	6.3
80°	6.1	4.7	3.3	4.5	5.5
82.5°	4.5	3.9	2.7	3.9	4.1
85°	2.4	2.7	1.6	2.7	2.4
87.5°	0.2	0.4	0.4	1.2	0.8



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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)