

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: P1313430

Luminaire Tested: P3SQAS13R359730DE010 E3SQCD1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1313430  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3SQAS13R359730DE010 E3SQCD1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3SQCD1MW TRIM  
Light Source: -  
Ballast/Driver: -

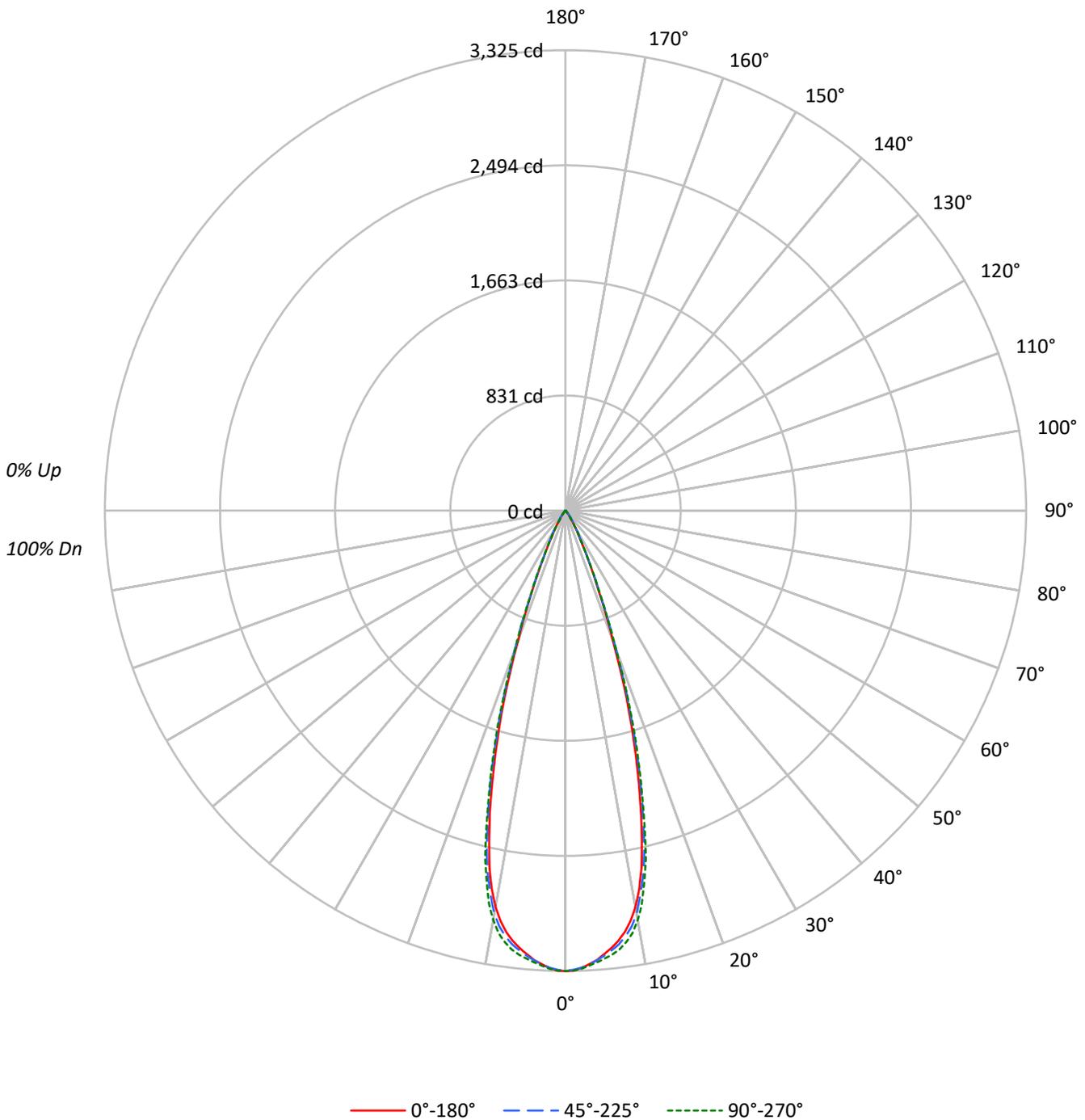
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1117.0 lumens  
Efficiency: N/A  
Efficacy: 76.5 lumens/watt  
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 14.6  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	98	98	98	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	94	94	94	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	94	92	90	89
4	103	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	91	89	87	86
5	100	94	90	86	99	93	89	86	91	88	85	90	87	85	89	86	84	89	86	84	83
6	97	90	86	83	96	90	86	83	88	85	82	87	84	82	86	83	81	86	83	81	80
7	94	87	83	80	93	87	82	79	85	82	79	84	81	79	83	81	78	83	81	78	77
8	91	84	80	77	90	84	79	77	83	79	76	82	78	76	81	78	76	81	78	76	75
9	88	81	77	74	88	81	77	74	80	76	74	79	76	74	79	76	73	79	76	73	72
10	86	79	75	72	85	78	74	72	78	74	71	77	74	71	76	73	71	76	73	71	70

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	572692	572692	572692
5°	555742	557713	561464
10°	508357	517206	525128
15°	364905	378277	382164
20°	183550	194254	194730
25°	69569	71716	72058
30°	28259	32415	27742
35°	10260	15579	9903
40°	4317	6655	4114
45°	1072	2752	1072
50°	697	1179	697
55°	781	781	781
60°	896	896	896
65°	693	693	693
70°	453	453	453
75°	599	599	599
80°	893	893	893
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 2752 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	300.6	26.9
10°-20°	560.1	50.1
20°-30°	201.4	18.0
30°-40°	42.3	3.8
40°-50°	7.3	0.7
50°-60°	2.4	0.2
60°-70°	1.7	0.2
70°-80°	1.0	0.1
80°-90°	0.2	0.0
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°	1062.2	95.1
0°-40°	1104.5	98.9
0°-60°	1114.2	99.7
0°-90°	1117.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1117.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3325	3325	3325	3325	3325	
5°	3215	3221	3226	3248	3248	298
15°	2047	2082	2122	2144	2143	545
25°	366	371	377	381	379	195
35°	49	58	74	57	47	37
45°	4	7	11	7	4	5
55°	3	3	3	3	3	2
65°	2	2	2	2	2	2
75°	1	1	1	1	1	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	3325.3	3325.3	3325.3	3325.3	3325.3
1°	3323.6	3323.6	3316.6	3324.5	3321.8
2°	3305.3	3307.0	3302.7	3312.2	3311.4
3°	3280.0	3284.4	3280.9	3294.8	3290.5
4°	3253.0	3256.5	3254.7	3272.2	3270.4
5°	3214.6	3220.7	3226.0	3247.7	3247.7
6°	3175.4	3181.5	3192.8	3216.4	3224.2
7°	3130.1	3137.9	3156.2	3187.6	3192.8
8°	3072.5	3081.3	3106.5	3140.5	3147.5
9°	3001.1	3014.1	3042.9	3083.9	3088.2
10°	2906.9	2917.4	2957.5	2991.5	3002.8
11°	2784.9	2793.6	2829.4	2884.3	2891.2
12°	2636.7	2647.2	2693.4	2729.1	2736.1
13°	2449.3	2469.4	2525.2	2560.0	2579.2
14°	2256.7	2283.7	2323.8	2373.5	2361.3
15°	2046.6	2082.4	2121.6	2144.2	2143.4
17.5°	1531.5	1552.4	1587.3	1600.3	1617.8
20°	1001.5	1028.5	1059.9	1072.1	1062.5
22.5°	621.5	628.5	638.0	643.3	641.5
25°	366.1	371.3	377.4	380.9	379.2
27.5°	220.5	232.7	241.4	231.0	224.9
30°	142.1	147.3	163.0	149.1	139.5
32.5°	84.5	96.8	109.8	93.3	81.1
35°	48.8	57.5	74.1	56.7	47.1
37.5°	31.4	35.7	47.9	34.9	30.5
40°	19.2	24.4	29.6	22.7	18.3
42.5°	9.6	14.8	17.4	13.1	9.6
45°	4.4	7.0	11.3	7.0	4.4
47.5°	2.6	3.5	7.0	3.5	2.6
50°	2.6	2.6	4.4	2.6	2.6
52.5°	2.6	2.6	2.6	2.6	2.6
55°	2.6	2.6	2.6	2.6	2.6
57.5°	2.6	2.6	2.6	2.6	2.6
60°	2.6	2.6	2.6	2.6	2.6
62.5°	1.7	1.7	1.7	1.7	1.7
65°	1.7	1.7	1.7	1.7	1.7
67.5°	1.7	1.7	1.7	1.7	1.7
70°	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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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)