

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: P1313396

Luminaire Tested: P3SQAS13R259730DE010 E3SQCD1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1313396  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3SQAS13R259730DE010 E3SQCD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3SQCD1MW TRIM  
Light Source: -  
Ballast/Driver: -

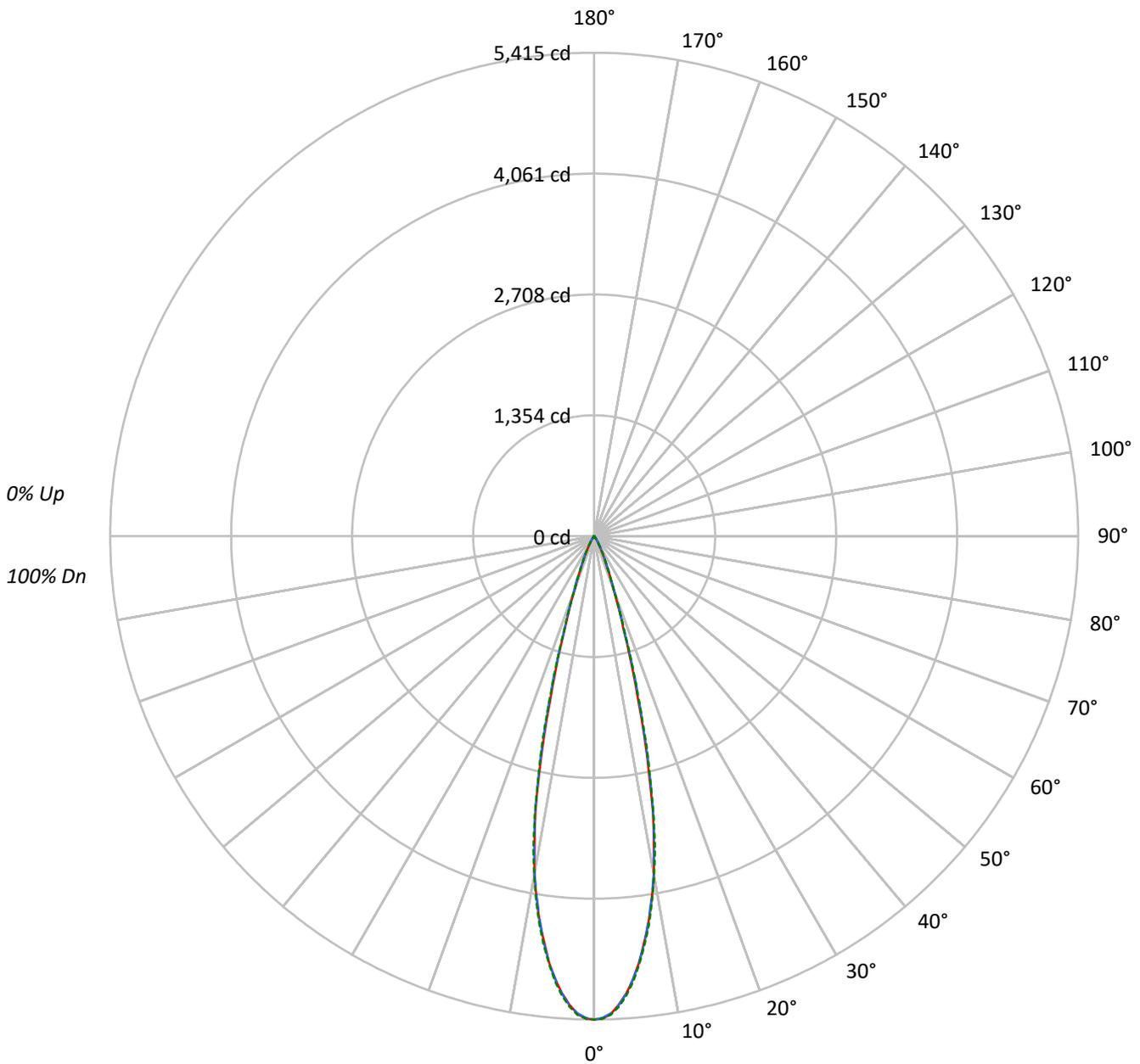
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1144.0 lumens  
Efficiency: N/A  
Efficacy: 78.4 lumens/watt  
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41  
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



— 0°-180°    - - 45°-225°    - · - · 90°-270°



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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	110	113	111	109	108	107	106	105	103	102	102	100	99	99	99	99	99	97
2	112	108	105	103	110	107	104	102	103	101	100	101	99	97	98	97	95	95	95	95	94
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93	93	93	93	91
4	105	100	96	93	104	99	96	93	97	94	92	95	93	91	94	92	90	90	90	90	89
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	91	89	87	87	87	87	86
6	100	94	90	87	98	93	89	87	92	88	86	90	88	86	89	87	85	85	85	85	84
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	83	83	83	82
8	95	88	84	82	94	88	84	82	87	84	81	86	83	81	85	83	81	81	81	81	80
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79	79	79	79	78
10	90	84	80	78	89	84	80	77	83	80	77	82	79	77	82	79	77	77	77	77	76

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

	0°	45°	90°
0°	932620	932620	932620
5°	861446	861135	865958
10°	672919	671082	675664
15°	338517	352673	352353
20°	115830	119019	117113
25°	46557	52352	48533
30°	18892	22531	18375
35°	5508	9903	5508
40°	2540	4317	2540
45°	852	1705	852
50°	455	697	455
55°	510	510	510
60°	586	586	586
65°	367	367	367
70°	453	453	453
75°	599	599	599
80°	0	893	0
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 1705 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	439.3	38.4
10°-20°	537.7	47.0
20°-30°	131.4	11.5
30°-40°	27.2	2.4
40°-50°	4.7	0.4
50°-60°	1.5	0.1
60°-70°	1.2	0.1
70°-80°	0.9	0.1
80°-90°	0.0	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°	1108.4	96.9
0°-40°	1135.6	99.3
0°-60°	1141.9	99.8
0°-90°	1144.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1144.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	5415	5415	5415	5415	5415	
5°	4983	4987	4981	4992	5009	439
15°	1899	1931	1978	1987	1976	530
25°	245	256	276	260	255	125
35°	26	37	47	36	26	22
45°	4	5	7	5	4	4
55°	2	2	2	2	2	2
65°	1	2	1	1	1	1
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°	5415.2	5415.2	5415.2	5415.2	5415.2
1°	5404.8	5397.8	5396.1	5396.9	5405.7
2°	5356.0	5351.6	5350.7	5353.4	5365.6
3°	5256.6	5261.8	5263.6	5272.3	5278.4
4°	5134.5	5145.0	5140.6	5151.1	5158.1
5°	4982.9	4987.2	4981.1	4991.6	5009.0
6°	4805.9	4790.2	4805.0	4809.4	4821.6
7°	4585.4	4588.8	4594.1	4599.3	4617.6
8°	4368.3	4357.8	4355.2	4379.6	4394.4
9°	4114.6	4116.4	4106.8	4134.7	4139.0
10°	3847.9	3826.1	3837.4	3859.2	3863.6
11°	3495.7	3489.6	3506.1	3540.1	3567.2
12°	3165.3	3168.8	3186.2	3197.5	3191.4
13°	2728.5	2754.7	2776.5	2787.8	2773.0
14°	2333.6	2333.6	2361.5	2365.9	2419.1
15°	1898.6	1930.9	1978.0	1986.7	1976.2
17.5°	1096.6	1101.0	1123.7	1122.8	1139.4
20°	632.0	638.1	649.4	646.8	639.0
22.5°	380.1	393.2	420.2	398.4	392.3
25°	245.0	256.3	275.5	259.8	255.4
27.5°	153.4	161.3	176.1	162.1	155.2
30°	95.0	99.4	113.3	100.3	92.4
32.5°	51.4	62.8	74.1	62.8	51.4
35°	26.2	36.6	47.1	35.7	26.2
37.5°	17.4	20.9	30.5	20.1	17.4
40°	11.3	13.9	19.2	13.9	11.3
42.5°	6.1	8.7	10.5	9.6	6.1
45°	3.5	5.2	7.0	5.2	3.5
47.5°	2.6	2.6	4.4	2.6	1.7
50°	1.7	1.7	2.6	1.7	1.7
52.5°	1.7	1.7	1.7	1.7	1.7
55°	1.7	1.7	1.7	1.7	1.7
57.5°	1.7	1.7	1.7	1.7	1.7
60°	1.7	1.7	1.7	1.7	1.7
62.5°	1.7	1.7	1.7	1.7	1.7
65°	0.9	1.7	0.9	0.9	0.9
67.5°	0.9	0.9	0.9	0.9	0.9
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°	0.0	0.0	0.9	0.0	0.0
82.5°	0.0	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)