

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: P1317833

Luminaire Tested: P3SQAS09R259835DE010 E3SQCD1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1317833  
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: P3SQAS09R259835DE010 E3SQCD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3SQCD1MW TRIM  
Light Source: -  
Ballast/Driver: -

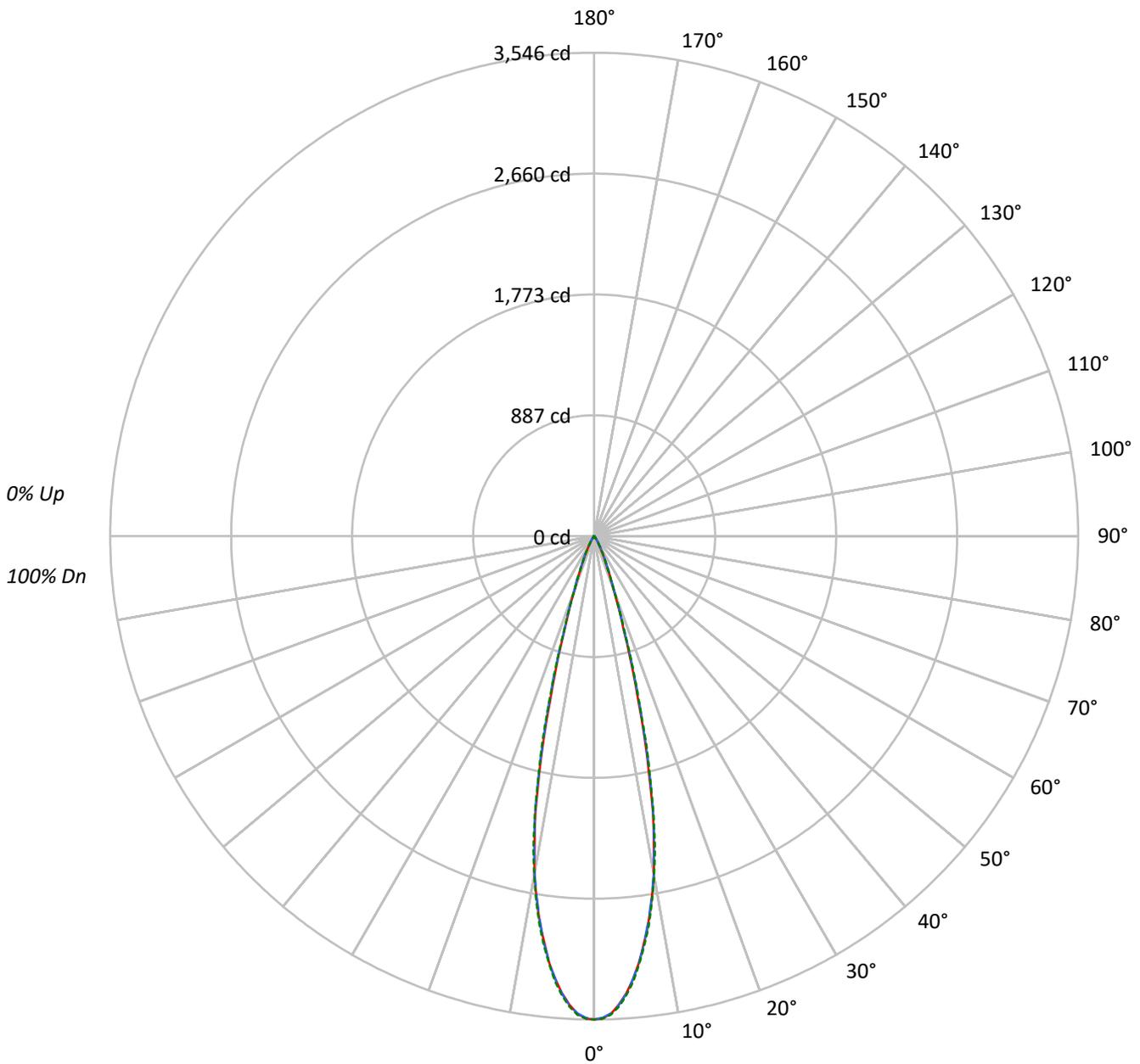
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 749.0 lumens  
Efficiency: N/A  
Efficacy: 68.1 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): 11  
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°	610615	610615	610615
5°	564005	563798	566962
10°	440574	439367	442358
15°	221642	230896	230700
20°	75839	77929	76682
25°	30480	34281	31772
30°	12369	14756	12031
35°	3595	6476	3595
40°	1664	2833	1664
45°	560	1120	560
50°	295	455	295
55°	330	330	330
60°	379	379	379
65°	245	245	245
70°	302	302	302
75°	399	399	399
80°	0	595	0
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 1120 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	287.6	38.4
10°-20°	352.1	47.0
20°-30°	86.0	11.5
30°-40°	17.8	2.4
40°-50°	3.1	0.4
50°-60°	1.0	0.1
60°-70°	0.8	0.1
70°-80°	0.6	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°	725.7	96.9
0°-40°	743.5	99.3
0°-60°	747.6	99.8
0°-90°	749.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	749.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3546	3546	3546	3546	3546	
5°	3262	3265	3261	3268	3280	287
15°	1243	1264	1295	1301	1294	347
25°	160	168	180	170	167	82
35°	17	24	31	23	17	15
45°	2	3	5	3	2	2
55°	1	1	1	1	1	1
65°	1	1	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°	3545.5	3545.5	3545.5	3545.5	3545.5
1°	3538.6	3534.1	3532.9	3533.5	3539.2
2°	3506.7	3503.8	3503.2	3504.9	3512.9
3°	3441.6	3445.0	3446.2	3451.9	3455.9
4°	3361.7	3368.5	3365.7	3372.5	3377.1
5°	3262.4	3265.2	3261.2	3268.1	3279.5
6°	3146.5	3136.2	3146.0	3148.8	3156.8
7°	3002.1	3004.4	3007.8	3011.3	3023.2
8°	2860.0	2853.2	2851.4	2867.4	2877.1
9°	2693.9	2695.1	2688.8	2707.0	2709.9
10°	2519.3	2505.0	2512.4	2526.7	2529.5
11°	2288.7	2284.7	2295.5	2317.8	2335.5
12°	2072.4	2074.7	2086.1	2093.5	2089.5
13°	1786.4	1803.6	1817.8	1825.2	1815.5
14°	1527.9	1527.9	1546.2	1549.0	1583.8
15°	1243.1	1264.2	1295.0	1300.7	1293.9
17.5°	718.0	720.9	735.7	735.1	746.0
20°	413.8	417.8	425.2	423.5	418.4
22.5°	248.8	257.4	275.1	260.8	256.8
25°	160.4	167.8	180.4	170.1	167.2
27.5°	100.5	105.6	115.3	106.2	101.6
30°	62.2	65.1	74.2	65.6	60.5
32.5°	33.7	41.1	48.5	41.1	33.7
35°	17.1	24.0	30.8	23.4	17.1
37.5°	11.4	13.7	20.0	13.1	11.4
40°	7.4	9.1	12.6	9.1	7.4
42.5°	4.0	5.7	6.8	6.3	4.0
45°	2.3	3.4	4.6	3.4	2.3
47.5°	1.7	1.7	2.9	1.7	1.1
50°	1.1	1.1	1.7	1.1	1.1
52.5°	1.1	1.1	1.1	1.1	1.1
55°	1.1	1.1	1.1	1.1	1.1
57.5°	1.1	1.1	1.1	1.1	1.1
60°	1.1	1.1	1.1	1.1	1.1
62.5°	1.1	1.1	1.1	1.1	1.1
65°	0.6	1.1	0.6	0.6	0.6
67.5°	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6
80°	0.0	0.0	0.6	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)