

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: P1309268

Luminaire Tested: P3SQAS17R259035DE010 E3SQCD1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1309268  
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: P3SQAS17R259035DE010 E3SQCD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3SQCD1MW TRIM  
Light Source: -  
Ballast/Driver: -

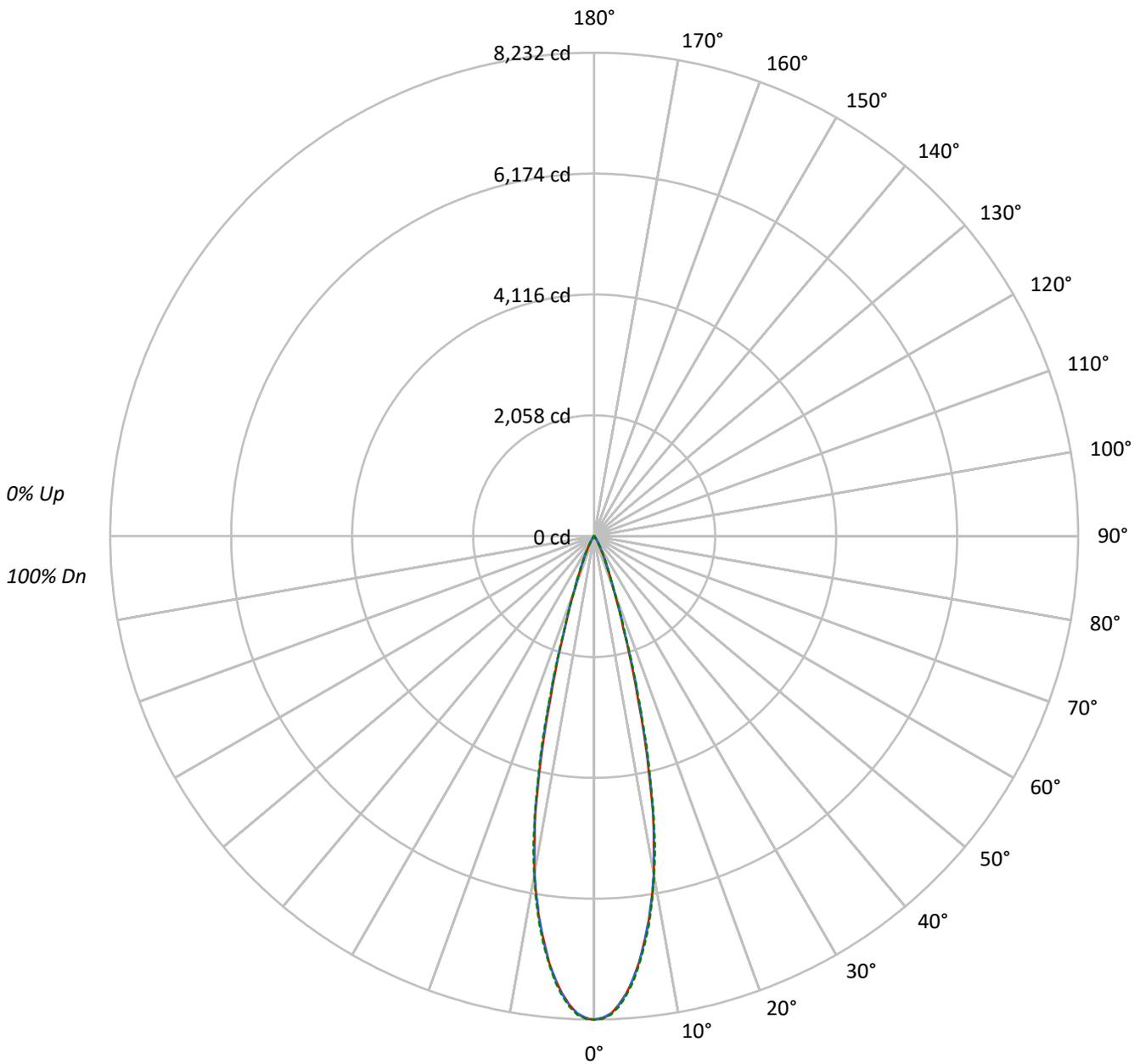
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1739.1 lumens  
Efficiency: N/A  
Efficacy: 82.0 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): 21.2  
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°	1417685	1417685	1417685
5°	1309483	1309017	1316347
10°	1022905	1020107	1027067
15°	514586	536089	535625
20°	176073	180930	178015
25°	70766	79564	73787
30°	28716	34265	27941
35°	8368	15054	8368
40°	3867	6565	3867
45°	1291	2582	1291
50°	723	1072	723
55°	811	811	811
60°	930	930	930
65°	530	530	530
70°	655	655	655
75°	865	865	865
80°	0	1289	0
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 2582 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	667.8	38.4
10°-20°	817.4	47.0
20°-30°	199.7	11.5
30°-40°	41.3	2.4
40°-50°	7.2	0.4
50°-60°	2.5	0.1
60°-70°	1.9	0.1
70°-80°	1.2	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°	1684.9	96.9
0°-40°	1726.2	99.3
0°-60°	1735.9	99.8
0°-90°	1739.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1739.1	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	8232	8232	8232	8232	8232	
5°	7574	7581	7572	7588	7614	667
15°	2886	2935	3007	3020	3004	806
25°	372	390	419	395	388	190
35°	40	56	72	54	40	34
45°	5	8	11	8	5	5
55°	3	3	3	3	3	2
65°	1	3	1	1	1	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°	8231.7	8231.7	8231.7	8231.7	8231.7
1°	8215.8	8205.2	8202.6	8203.9	8217.2
2°	8141.6	8135.0	8133.7	8137.7	8156.2
3°	7990.6	7998.5	8001.2	8014.4	8023.7
4°	7805.1	7821.0	7814.3	7830.2	7840.8
5°	7574.5	7581.1	7571.8	7587.7	7614.2
6°	7305.5	7281.6	7304.1	7310.8	7329.3
7°	6970.2	6975.5	6983.5	6991.4	7019.2
8°	6640.3	6624.4	6620.4	6657.5	6680.0
9°	6254.6	6257.3	6242.7	6285.1	6291.7
10°	5849.2	5816.0	5833.2	5866.4	5873.0
11°	5313.8	5304.5	5329.7	5381.4	5422.5
12°	4811.6	4816.9	4843.4	4860.6	4851.3
13°	4147.7	4187.4	4220.6	4237.8	4215.3
14°	3547.4	3547.4	3589.8	3596.4	3677.3
15°	2886.1	2935.2	3006.7	3020.0	3004.1
17.5°	1667.0	1673.6	1708.1	1706.8	1732.0
20°	960.7	970.0	987.2	983.3	971.3
22.5°	577.8	597.6	638.7	605.6	596.3
25°	372.4	389.6	418.7	394.9	388.3
27.5°	233.2	245.2	267.7	246.5	235.9
30°	144.4	151.1	172.3	152.4	140.5
32.5°	78.2	95.4	112.6	95.4	78.2
35°	39.8	55.7	71.6	54.3	39.8
37.5°	26.5	31.8	46.4	30.5	26.5
40°	17.2	21.2	29.2	21.2	17.2
42.5°	9.3	13.3	15.9	14.6	9.3
45°	5.3	8.0	10.6	8.0	5.3
47.5°	4.0	4.0	6.6	4.0	2.7
50°	2.7	2.7	4.0	2.7	2.7
52.5°	2.7	2.7	2.7	2.7	2.7
55°	2.7	2.7	2.7	2.7	2.7
57.5°	2.7	2.7	2.7	2.7	2.7
60°	2.7	2.7	2.7	2.7	2.7
62.5°	2.7	2.7	2.7	2.7	2.7
65°	1.3	2.7	1.3	1.3	1.3
67.5°	1.3	1.3	1.3	1.3	1.3
70°	1.3	1.3	1.3	1.3	1.3
72.5°	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3
80°	0.0	0.0	1.3	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)