

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: P1314368

Luminaire Tested: P3SQAS13R259735DE010 E3SQCD1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1314368  
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: P3SQAS13R259735DE010 E3SQCD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3SQCD1MW TRIM  
Light Source: -  
Ballast/Driver: -

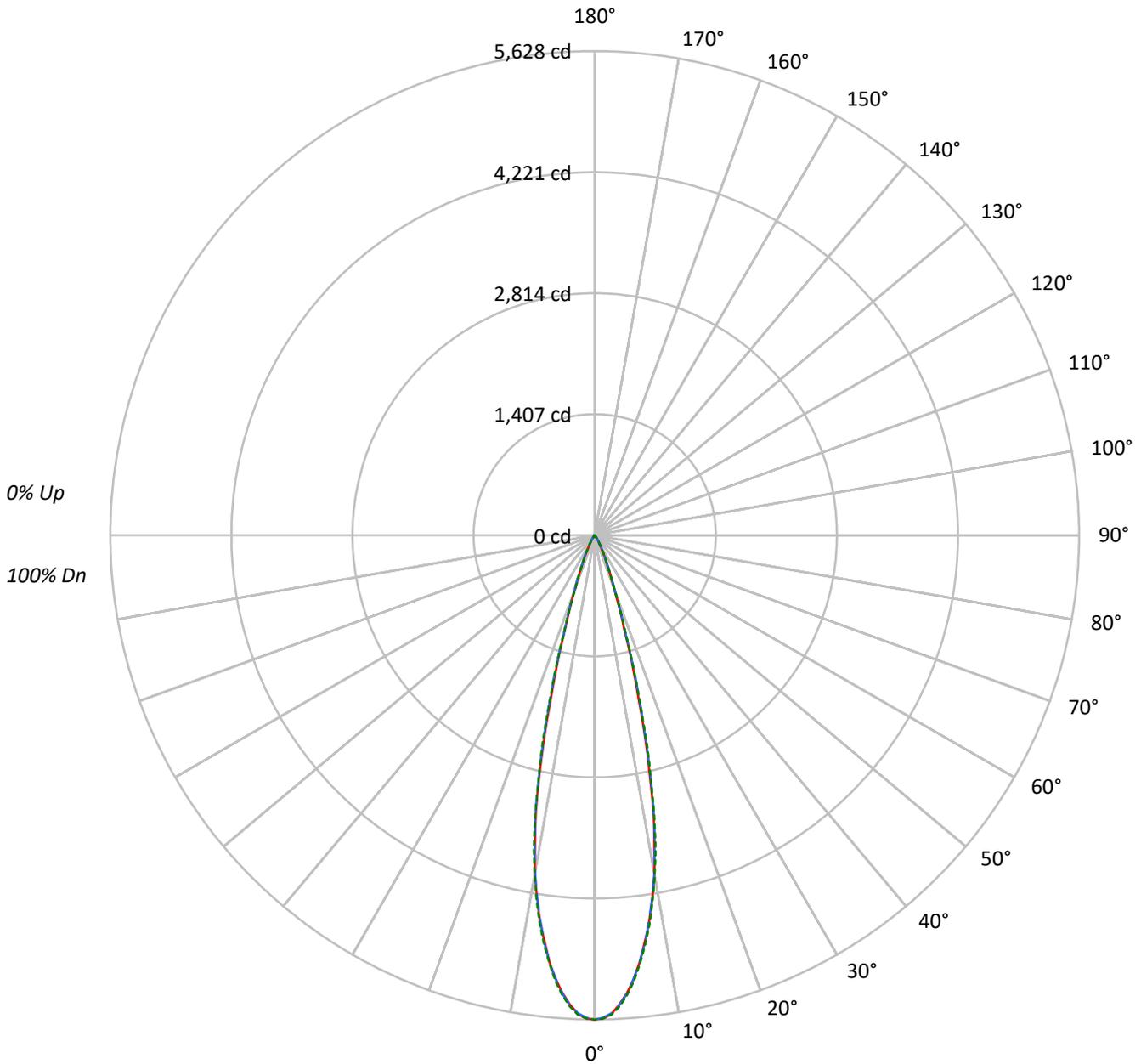
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1189.0 lumens  
Efficiency: N/A  
Efficacy: 81.4 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°	969321	969321	969321
5°	895331	895020	900033
10°	699378	697472	702228
15°	351835	366545	366224
20°	120394	123711	121713
25°	48381	54405	50452
30°	19648	23426	19091
35°	5719	10281	5719
40°	2653	4474	2653
45°	877	1754	877
50°	482	723	482
55°	540	540	540
60°	620	620	620
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: 1754 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	456.6	38.4
10°-20°	558.9	47.0
20°-30°	136.5	11.5
30°-40°	28.2	2.4
40°-50°	4.9	0.4
50°-60°	1.6	0.1
60°-70°	1.3	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°	1152.0	96.9
0°-40°	1180.2	99.3
0°-60°	1186.8	99.8
0°-90°	1189.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1189.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	5628	5628	5628	5628	5628	
5°	5179	5183	5177	5188	5206	456
15°	1973	2007	2056	2065	2054	551
25°	255	266	286	270	266	130
35°	27	38	49	37	27	23
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°	5628.3	5628.3	5628.3	5628.3	5628.3
1°	5617.4	5610.1	5608.3	5609.2	5618.3
2°	5566.7	5562.1	5561.2	5563.9	5576.6
3°	5463.4	5468.8	5470.6	5479.7	5486.0
4°	5336.5	5347.4	5342.9	5353.7	5361.0
5°	5178.9	5183.4	5177.1	5187.9	5206.1
6°	4994.9	4978.6	4994.0	4998.6	5011.3
7°	4765.7	4769.3	4774.8	4780.2	4799.2
8°	4540.1	4529.2	4526.5	4551.9	4567.3
9°	4276.5	4278.3	4268.3	4297.3	4301.8
10°	3999.2	3976.6	3988.3	4011.0	4015.5
11°	3633.2	3626.8	3644.1	3679.4	3707.5
12°	3289.8	3293.4	3311.5	3323.3	3317.0
13°	2835.9	2863.1	2885.7	2897.5	2882.1
14°	2425.4	2425.4	2454.4	2459.0	2514.2
15°	1973.3	2006.9	2055.8	2064.8	2054.0
17.5°	1139.8	1144.3	1167.9	1167.0	1184.2
20°	656.9	663.2	675.0	672.3	664.1
22.5°	395.0	408.6	436.7	414.1	407.7
25°	254.6	266.4	286.3	270.0	265.5
27.5°	159.5	167.6	183.0	168.5	161.3
30°	98.8	103.3	117.8	104.2	96.0
32.5°	53.5	65.2	77.0	65.2	53.5
35°	27.2	38.1	48.9	37.1	27.2
37.5°	18.1	21.7	31.7	20.8	18.1
40°	11.8	14.5	19.9	14.5	11.8
42.5°	6.3	9.1	10.9	10.0	6.3
45°	3.6	5.4	7.2	5.4	3.6
47.5°	2.7	2.7	4.5	2.7	1.8
50°	1.8	1.8	2.7	1.8	1.8
52.5°	1.8	1.8	1.8	1.8	1.8
55°	1.8	1.8	1.8	1.8	1.8
57.5°	1.8	1.8	1.8	1.8	1.8
60°	1.8	1.8	1.8	1.8	1.8
62.5°	1.8	1.8	1.8	1.8	1.8
65°	0.9	1.8	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)