

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: P1309111

Luminaire Tested: P3SQAS13R259035DE010 E3SQCD1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1309111  
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: P3SQAS13R259035DE010 E3SQCD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3SQCD1MW TRIM  
Light Source: -  
Ballast/Driver: -

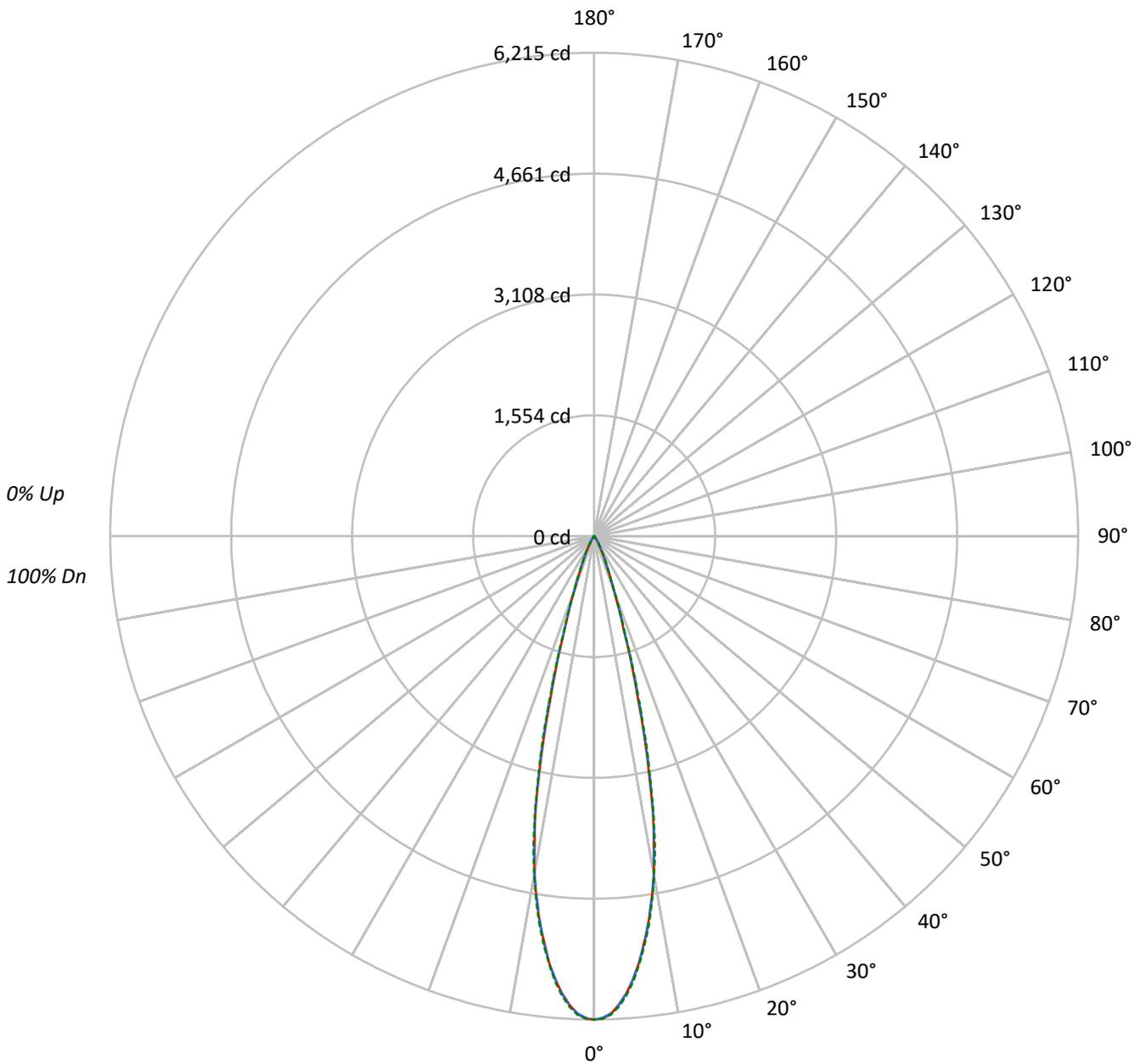
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1313.0 lumens  
Efficiency: N/A  
Efficacy: 89.9 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°	1070398	1070398	1070398
5°	988704	988358	993890
10°	772320	770222	775468
15°	388529	404772	404416
20°	132948	136614	134414
25°	53416	60086	55716
30°	21696	25872	21100
35°	6307	11353	6307
40°	2923	4946	2923
45°	974	1948	974
50°	536	804	536
55°	601	601	601
60°	689	689	689
65°	408	408	408
70°	504	504	504
75°	665	665	665
80°	0	992	0
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 1948 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	504.2	38.4
10°-20°	617.2	47.0
20°-30°	150.8	11.5
30°-40°	31.2	2.4
40°-50°	5.4	0.4
50°-60°	1.8	0.1
60°-70°	1.4	0.1
70°-80°	1.0	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°	1272.2	96.9
0°-40°	1303.3	99.3
0°-60°	1310.6	99.8
0°-90°	1313.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1313.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	6215	6215	6215	6215	6215	
5°	5719	5724	5717	5729	5749	504
15°	2179	2216	2270	2280	2268	608
25°	281	294	316	298	293	144
35°	30	42	54	41	30	26
45°	4	6	8	6	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°	6215.2	6215.2	6215.2	6215.2	6215.2
1°	6203.2	6195.2	6193.2	6194.2	6204.2
2°	6147.2	6142.2	6141.2	6144.2	6158.2
3°	6033.1	6039.1	6041.1	6051.1	6058.1
4°	5893.1	5905.1	5900.1	5912.1	5920.1
5°	5719.0	5724.0	5717.0	5729.0	5749.0
6°	5515.9	5497.9	5514.9	5519.9	5533.9
7°	5262.7	5266.7	5272.7	5278.7	5299.8
8°	5013.6	5001.6	4998.6	5026.6	5043.6
9°	4722.5	4724.5	4713.4	4745.5	4750.5
10°	4416.3	4391.3	4404.3	4429.3	4434.3
11°	4012.1	4005.1	4024.1	4063.1	4094.1
12°	3632.9	3636.9	3656.9	3669.9	3662.9
13°	3131.6	3161.6	3186.7	3199.7	3182.7
14°	2678.4	2678.4	2710.4	2715.4	2776.4
15°	2179.1	2216.2	2270.2	2280.2	2268.2
17.5°	1258.7	1263.7	1289.7	1288.7	1307.7
20°	725.4	732.4	745.4	742.4	733.4
22.5°	436.2	451.2	482.3	457.2	450.2
25°	281.1	294.2	316.2	298.2	293.2
27.5°	176.1	185.1	202.1	186.1	178.1
30°	109.1	114.1	130.1	115.1	106.1
32.5°	59.0	72.0	85.0	72.0	59.0
35°	30.0	42.0	54.0	41.0	30.0
37.5°	20.0	24.0	35.0	23.0	20.0
40°	13.0	16.0	22.0	16.0	13.0
42.5°	7.0	10.0	12.0	11.0	7.0
45°	4.0	6.0	8.0	6.0	4.0
47.5°	3.0	3.0	5.0	3.0	2.0
50°	2.0	2.0	3.0	2.0	2.0
52.5°	2.0	2.0	2.0	2.0	2.0
55°	2.0	2.0	2.0	2.0	2.0
57.5°	2.0	2.0	2.0	2.0	2.0
60°	2.0	2.0	2.0	2.0	2.0
62.5°	2.0	2.0	2.0	2.0	2.0
65°	1.0	2.0	1.0	1.0	1.0
67.5°	1.0	1.0	1.0	1.0	1.0
70°	1.0	1.0	1.0	1.0	1.0
72.5°	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0
80°	0.0	0.0	1.0	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)