

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: P1317137

Luminaire Tested: P3SQAS13R359830DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317137
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS13R359830DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

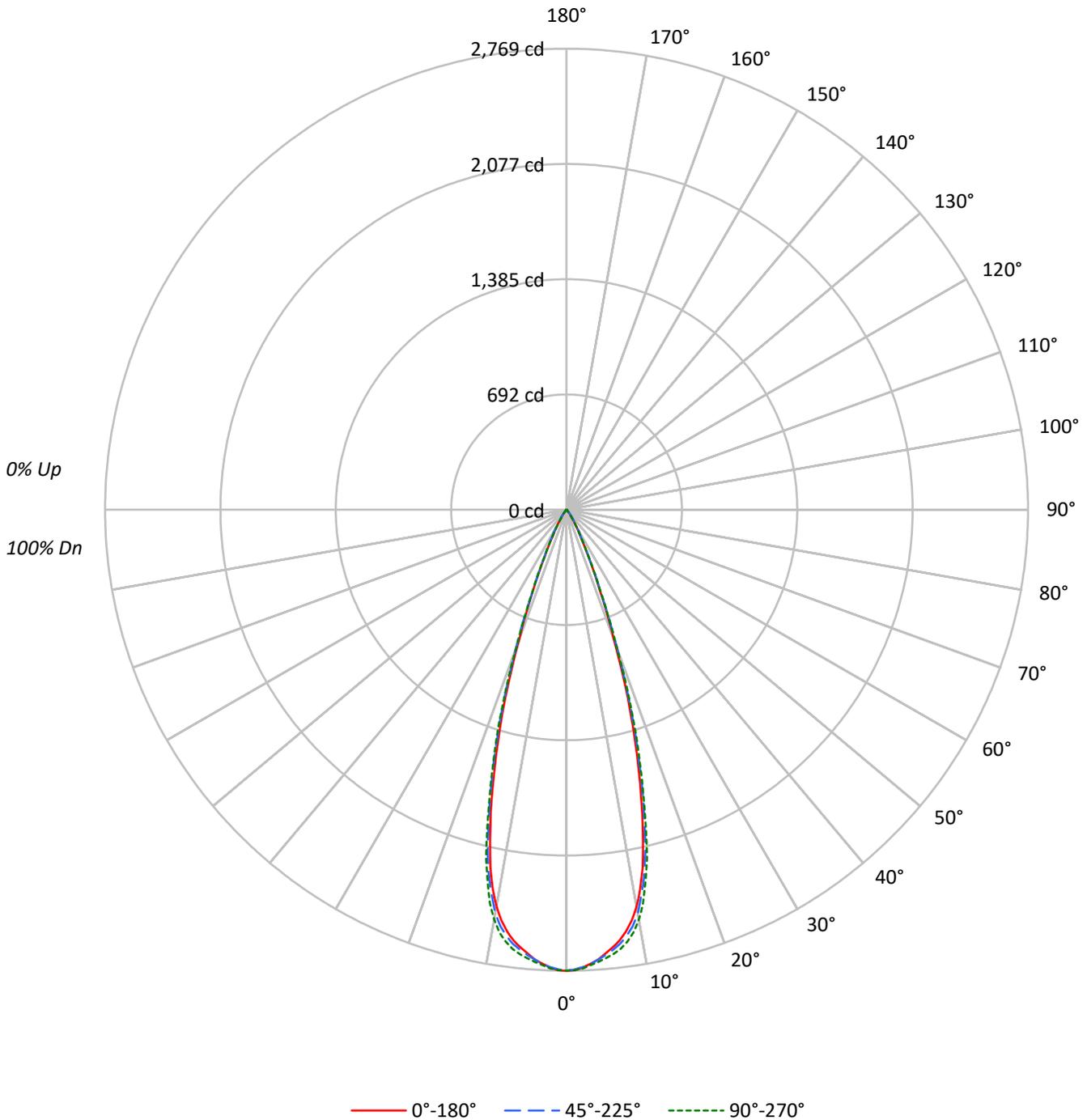
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 930.0 lumens
Efficiency: N/A
Efficacy: 64.1 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
Input Voltage (V): NR
Input Current (A_{in}): 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





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	109	112	110	109	107	106	105	104	103	102	101	99	99	98	98	98	98	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	94	94	94	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	94	92	90	89
4	103	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	91	89	87	86
5	100	94	90	86	99	93	89	86	91	88	85	90	87	85	89	86	84	89	86	84	83
6	97	90	86	83	96	90	86	83	88	85	82	87	84	82	86	83	81	86	83	81	80
7	94	87	83	80	93	87	82	79	85	82	79	84	81	79	83	81	78	83	81	78	77
8	91	84	80	77	90	84	79	77	83	79	76	82	78	76	81	78	76	81	78	76	75
9	88	81	77	74	88	81	77	74	80	76	74	79	76	74	79	76	73	79	76	73	72
10	86	79	75	72	85	78	74	72	78	74	71	77	74	71	76	73	71	76	73	71	70

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	476816	476816	476816
5°	462715	464340	467469
10°	423261	430623	437216
15°	303820	314946	318173
20°	152833	161741	162144
25°	57920	59706	59991
30°	23526	26986	23088
35°	8536	12972	8242
40°	3597	5553	3417
45°	877	2289	877
50°	589	965	589
55°	661	661	661
60°	758	758	758
65°	611	611	611
70°	352	352	352
75°	466	466	466
80°	694	694	694
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 2289 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	250.3	26.9
10°-20°	466.3	50.1
20°-30°	167.7	18.0
30°-40°	35.2	3.8
40°-50°	6.1	0.7
50°-60°	2.0	0.2
60°-70°	1.5	0.2
70°-80°	0.7	0.1
80°-90°	0.1	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°	884.4	95.1
0°-40°	919.6	98.9
0°-60°	927.7	99.7
0°-90°	930.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	930.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2769	2769	2769	2769	2769	
5°	2676	2682	2686	2704	2704	248
15°	1704	1734	1766	1785	1784	453
25°	305	309	314	317	316	162
35°	41	48	62	47	39	31
45°	4	6	9	6	4	4
55°	2	2	2	2	2	2
65°	2	2	2	2	2	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°	2768.6	2768.6	2768.6	2768.6	2768.6
1°	2767.2	2767.2	2761.4	2767.9	2765.7
2°	2751.9	2753.4	2749.8	2757.7	2757.0
3°	2730.9	2734.5	2731.6	2743.2	2739.6
4°	2708.4	2711.3	2709.8	2724.4	2722.9
5°	2676.5	2681.5	2685.9	2704.0	2704.0
6°	2643.8	2648.9	2658.3	2677.9	2684.4
7°	2606.1	2612.6	2627.8	2654.0	2658.3
8°	2558.2	2565.4	2586.5	2614.8	2620.6
9°	2498.7	2509.5	2533.5	2567.6	2571.2
10°	2420.3	2429.0	2462.4	2490.7	2500.1
11°	2318.7	2325.9	2355.7	2401.4	2407.2
12°	2195.3	2204.0	2242.5	2272.2	2278.0
13°	2039.3	2056.0	2102.4	2131.4	2147.4
14°	1878.9	1901.4	1934.8	1976.1	1966.0
15°	1704.0	1733.7	1766.4	1785.3	1784.5
17.5°	1275.1	1292.5	1321.5	1332.4	1346.9
20°	833.9	856.3	882.5	892.6	884.7
22.5°	517.4	523.2	531.2	535.6	534.1
25°	304.8	309.2	314.2	317.1	315.7
27.5°	183.6	193.8	201.0	192.3	187.2
30°	118.3	122.6	135.7	124.1	116.1
32.5°	70.4	80.6	91.4	77.7	67.5
35°	40.6	47.9	61.7	47.2	39.2
37.5°	26.1	29.8	39.9	29.0	25.4
40°	16.0	20.3	24.7	18.9	15.2
42.5°	8.0	12.3	14.5	10.9	8.0
45°	3.6	5.8	9.4	5.8	3.6
47.5°	2.2	2.9	5.8	2.9	2.2
50°	2.2	2.2	3.6	2.2	2.2
52.5°	2.2	2.2	2.2	2.2	2.2
55°	2.2	2.2	2.2	2.2	2.2
57.5°	2.2	2.2	2.2	2.2	2.2
60°	2.2	2.2	2.2	2.2	2.2
62.5°	1.5	1.5	1.5	1.5	1.5
65°	1.5	1.5	1.5	1.5	1.5
67.5°	1.5	1.5	1.5	1.5	1.5
70°	0.7	0.7	0.7	0.7	0.7
72.5°	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7
80°	0.7	0.7	0.7	0.7	0.7
82.5°	0.7	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)