

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: P1318013

Luminaire Tested: P3SQAS13R359835DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1318013
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: P3SQAS13R359835DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

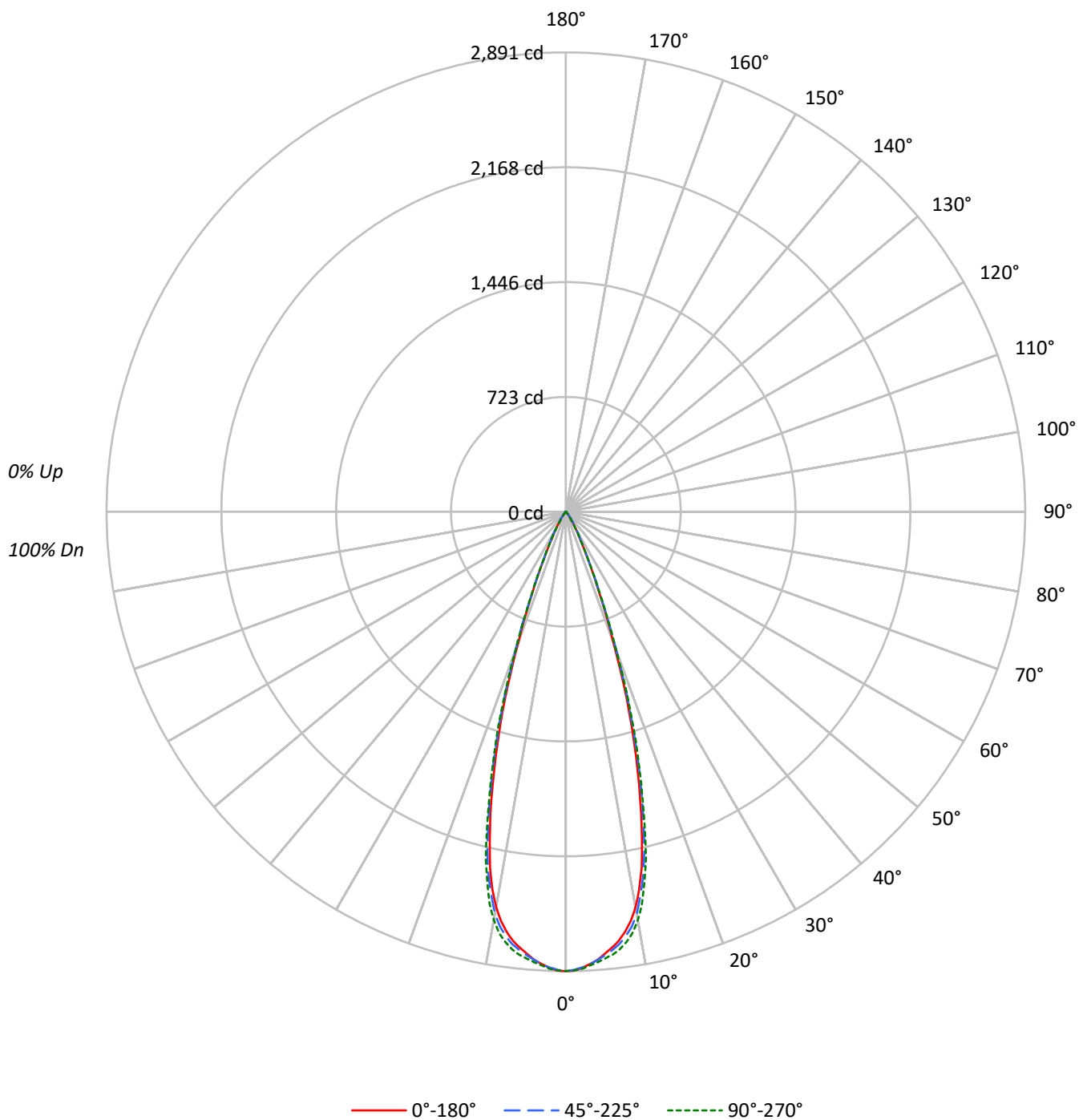
Lumens per Lamp: N/A
Luminaire Lumens: 971.1 lumens
Efficiency: N/A
Efficacy: 67.0 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
Input Voltage (V): NR
Input Current (Ain): 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
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	115	113	111	109	112	110	109	107	106	105	104		103	102	101		99
2	111	107	104	101	109	105	103	100	102	100	98		99	98	96		97
3	107	102	98	95	105	101	97	95	98	96	93		96	94	92		94
4	103	98	94	91	102	97	93	90	95	92	89		93	90	88		91
5	100	94	90	86	99	93	89	86	91	88	85		90	87	85		89
6	97	90	86	83	96	90	86	83	88	85	82		87	84	82		86
7	94	87	83	80	93	87	82	79	85	82	79		84	81	79		83
8	91	84	80	77	90	84	79	77	83	79	76		82	78	76		81
9	88	81	77	74	88	81	77	74	80	76	74		79	76	74		79
10	86	79	75	72	85	78	74	72	78	74	71		77	74	71		76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	497844	497844	497844
5°	483115	484809	488076
10°	441920	449598	456488
15°	317210	328835	332205
20°	159560	168870	169292
25°	60466	62348	62633
30°	24560	28179	24103
35°	8914	13540	8599
40°	3755	5800	3575
45°	926	2411	926
50°	616	1018	616
55°	691	691	691
60°	792	792	792
65°	611	611	611
70°	403	403	403
75°	532	532	532
80°	793	793	793
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 2411 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	261.4	26.9
10°-20°	486.9	50.1
20°-30°	175.1	18.0
30°-40°	36.8	3.8
40°-50°	6.3	0.7
50°-60°	2.1	0.2
60°-70°	1.5	0.2
70°-80°	0.8	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°	923.4	95.1
0°-40°	960.2	98.9
0°-60°	968.6	99.7
0°-90°	971.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	971.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2891	2891	2891	2891	2891	
5°	2794	2800	2804	2823	2823	259
15°	1779	1810	1844	1864	1863	473
25°	318	323	328	331	330	169
35°	42	50	64	49	41	32
45°	4	6	10	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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2890.7	2890.7	2890.7	2890.7	2890.7
1°	2889.2	2889.2	2883.1	2889.9	2887.6
2°	2873.3	2874.8	2871.0	2879.3	2878.6
3°	2851.3	2855.1	2852.0	2864.2	2860.4
4°	2827.8	2830.8	2829.3	2844.5	2842.9
5°	2794.5	2799.8	2804.3	2823.2	2823.2
6°	2760.4	2765.7	2775.5	2796.0	2802.8
7°	2721.0	2727.8	2743.7	2771.0	2775.5
8°	2670.9	2678.5	2700.5	2730.0	2736.1
9°	2608.8	2620.2	2645.2	2680.8	2684.6
10°	2527.0	2536.1	2570.9	2600.5	2610.3
11°	2420.9	2428.5	2459.5	2507.3	2513.3
12°	2292.1	2301.2	2341.3	2372.4	2378.5
13°	2129.2	2146.6	2195.1	2225.4	2242.1
14°	1961.7	1985.2	2020.1	2063.3	2052.6
15°	1779.1	1810.2	1844.3	1864.0	1863.2
17.5°	1331.3	1349.5	1379.8	1391.2	1406.3
20°	870.6	894.1	921.4	932.0	923.7
22.5°	540.3	546.3	554.6	559.2	557.7
25°	318.2	322.8	328.1	331.1	329.6
27.5°	191.7	202.3	209.9	200.8	195.5
30°	123.5	128.1	141.7	129.6	121.2
32.5°	73.5	84.1	95.5	81.1	70.5
35°	42.4	50.0	64.4	49.3	40.9
37.5°	27.3	31.1	41.7	30.3	26.5
40°	16.7	21.2	25.8	19.7	15.9
42.5°	8.3	12.9	15.2	11.4	8.3
45°	3.8	6.1	9.9	6.1	3.8
47.5°	2.3	3.0	6.1	3.0	2.3
50°	2.3	2.3	3.8	2.3	2.3
52.5°	2.3	2.3	2.3	2.3	2.3
55°	2.3	2.3	2.3	2.3	2.3
57.5°	2.3	2.3	2.3	2.3	2.3
60°	2.3	2.3	2.3	2.3	2.3
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°	0.8	0.8	0.8	0.8	0.8
72.5°	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8
80°	0.8	0.8	0.8	0.8	0.8
82.5°	0.8	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)