

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: P1314233

Luminaire Tested: P3SQAS09R359735DE010 E3SQCD1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314233
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS09R359735DE010 E3SQCD1MMS
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , E3SQCD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

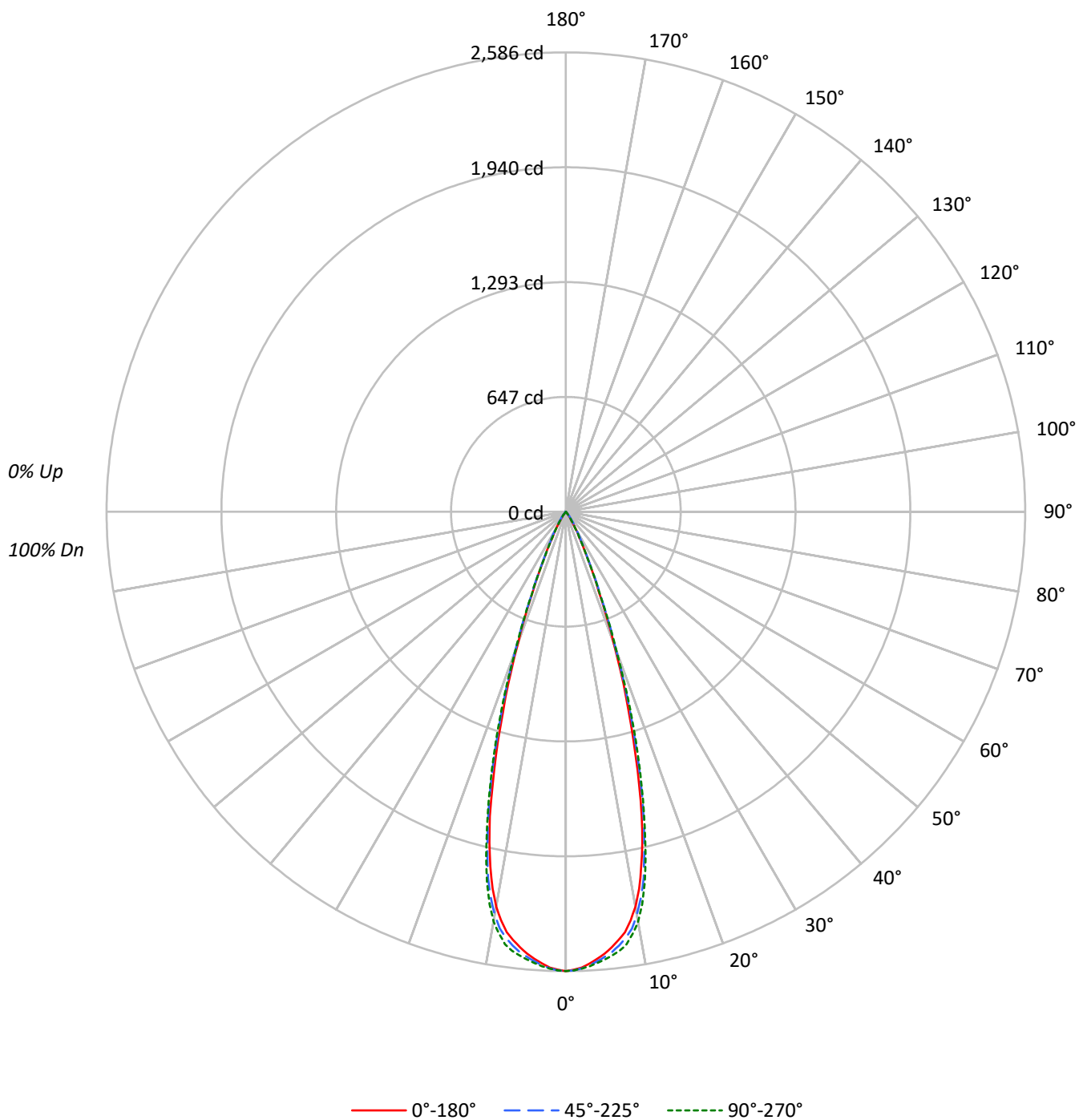
Lumens per Lamp: N/A
Luminaire Lumens: 861.0 lumens
Efficiency: N/A
Efficacy: 77.6 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	113	111	109	107	107	105	104		103	102	101		100
2	111	107	104	102	109	106	103	100	102	100	98		100	98	96		97
3	107	102	99	96	105	101	98	95	99	96	94		96	94	92		94
4	104	98	94	91	102	97	93	90	95	92	89		93	91	88		92
5	100	94	90	87	99	93	90	87	92	88	86		90	87	85		89
6	97	91	86	83	96	90	86	83	89	85	83		88	84	82		86
7	94	88	83	80	93	87	83	80	86	82	80		85	82	79		84
8	91	85	80	77	91	84	80	77	83	80	77		82	79	77		81
9	89	82	78	75	88	81	77	75	81	77	74		80	77	74		79
10	86	79	75	72	85	79	75	72	78	75	72		78	74	72		77

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	445368	445368	445368
5°	431855	434915	437284
10°	394633	402975	409900
15°	283797	296189	298631
20°	144476	151734	152100
25°	54823	55982	54424
30°	21299	24679	20742
35°	7317	11479	6875
40°	2451	4451	2293
45°	170	1486	170
50°	0	188	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 1486 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	234.1	27.2
10°-20°	436.1	50.7
20°-30°	156.8	18.2
30°-40°	30.6	3.6
40°-50°	3.4	0.4
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
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°	827.0	96.0
0°-40°	857.6	99.6
0°-60°	861.0	100.0
0°-90°	861.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	861.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2586	2586	2586	2586	2586	
5°	2498	2505	2516	2527	2529	231
15°	1592	1618	1661	1673	1675	423
25°	288	291	295	293	286	151
35°	35	40	55	40	33	26
45°	1	2	6	2	1	2
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
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°	2586.0	2586.0	2586.0	2586.0	2586.0
1°	2578.5	2581.9	2582.5	2587.3	2581.9
2°	2567.5	2569.6	2572.3	2576.4	2573.7
3°	2546.4	2550.5	2556.6	2562.1	2562.1
4°	2523.9	2529.4	2536.9	2546.4	2545.7
5°	2498.0	2504.8	2515.7	2527.3	2529.4
6°	2465.2	2473.4	2491.2	2507.5	2510.3
7°	2430.5	2442.7	2459.8	2483.7	2489.8
8°	2389.6	2399.1	2423.6	2451.6	2458.4
9°	2329.5	2343.9	2375.2	2401.1	2405.2
10°	2256.6	2266.8	2304.3	2331.6	2343.9
11°	2162.5	2177.5	2214.3	2242.3	2250.4
12°	2042.4	2064.3	2107.2	2127.7	2134.5
13°	1912.9	1931.3	1964.7	1989.9	1995.4
14°	1766.9	1784.7	1819.4	1839.9	1835.1
15°	1591.7	1618.3	1661.2	1672.8	1674.9
17.5°	1175.7	1192.7	1230.9	1249.3	1262.3
20°	788.3	804.7	827.9	840.2	829.9
22.5°	479.4	493.0	505.3	504.6	501.2
25°	288.5	291.2	294.6	292.6	286.4
27.5°	168.4	175.9	186.2	179.4	169.1
30°	107.1	113.2	124.1	112.5	104.3
32.5°	56.6	71.6	83.2	67.5	59.3
35°	34.8	39.6	54.6	40.2	32.7
37.5°	21.1	24.6	34.1	23.9	19.1
40°	10.9	15.7	19.8	14.3	10.2
42.5°	3.4	7.5	10.9	6.8	3.4
45°	0.7	2.0	6.1	2.0	0.7
47.5°	0.0	0.0	2.7	0.7	0.0
50°	0.0	0.0	0.7	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	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)