

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: P1314042

Luminaire Tested: P3SQAS05R259735DE010 E3SQCD1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314042
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R259735DE010 E3SQCD1MMS
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3SQCD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

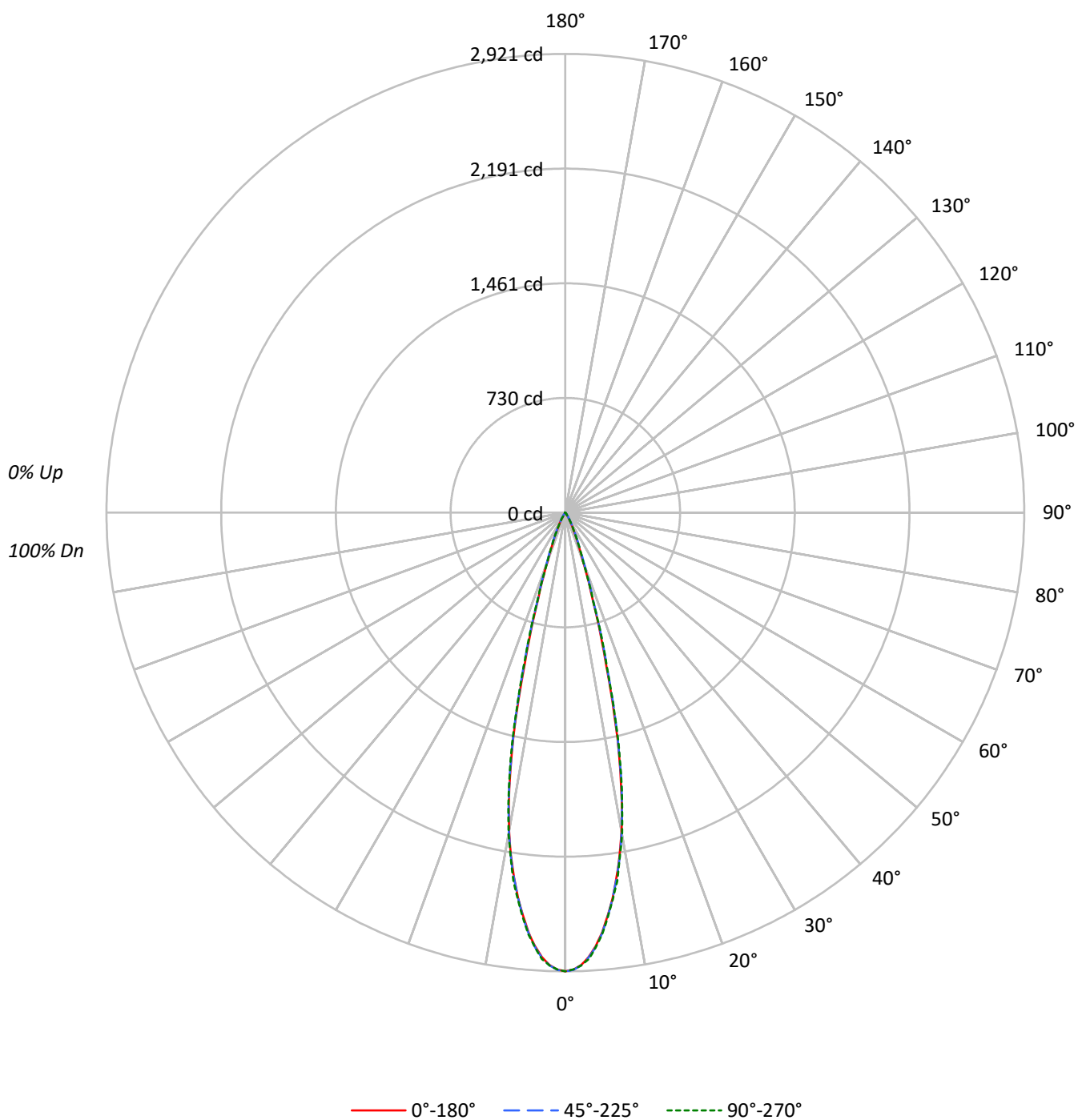
Lumens per Lamp: N/A
Luminaire Lumens: 608.0 lumens
Efficiency: N/A
Efficacy: 84.4 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	110	113	111	110	108	107	106	105		103	103	102		100
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		98
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		94
5	103	97	93	90	101	96	93	90	95	92	89		93	91	89		92
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		90
7	97	91	87	85	96	91	87	84	90	86	84		89	86	84		88
8	95	89	85	82	94	88	85	82	87	84	82		87	84	82		86
9	93	86	83	80	92	86	82	80	85	82	80		85	82	80		84
10	91	84	81	78	90	84	80	78	83	80	78		83	80	78		82

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	503045	503045	503045
5°	463838	464893	465861
10°	360147	361458	363400
15°	177977	185466	185555
20°	59931	63945	61122
25°	24817	27573	25521
30°	9744	12250	9824
35°	2544	5004	2649
40°	944	2001	944
45°	122	560	122
50°	0	134	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: 560 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	236.7	38.9
10°-20°	286.3	47.1
20°-30°	69.9	11.5
30°-40°	13.6	2.2
40°-50°	1.5	0.3
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°	592.9	97.5
0°-40°	606.5	99.7
0°-60°	608.0	100.0
0°-90°	608.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	608.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2921	2921	2921	2921	2921	
5°	2683	2687	2689	2701	2695	236
15°	998	1022	1040	1050	1041	281
25°	131	138	145	139	134	66
35°	12	17	24	17	13	11
45°	0	1	2	1	0	1
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°	2920.9	2920.9	2920.9	2920.9	2920.9
1°	2909.7	2911.6	2912.1	2914.9	2909.3
2°	2883.1	2883.6	2885.0	2890.6	2885.5
3°	2834.2	2837.4	2837.9	2845.4	2846.8
4°	2767.5	2769.3	2773.1	2785.7	2774.5
5°	2683.0	2686.8	2689.1	2700.8	2694.7
6°	2578.6	2579.5	2584.6	2598.1	2589.7
7°	2472.2	2471.7	2472.2	2482.9	2480.6
8°	2343.9	2341.6	2349.1	2362.1	2371.0
9°	2210.1	2213.3	2218.0	2230.6	2220.3
10°	2059.4	2068.3	2066.9	2067.8	2078.0
11°	1885.9	1888.7	1889.1	1898.9	1897.5
12°	1682.0	1682.0	1697.4	1713.3	1708.2
13°	1476.3	1490.8	1480.5	1483.8	1504.3
14°	1236.6	1247.8	1261.8	1274.8	1264.6
15°	998.2	1022.0	1040.2	1050.5	1040.7
17.5°	571.9	579.8	595.2	597.1	591.0
20°	327.0	336.8	348.9	345.2	333.5
22.5°	205.7	208.5	220.6	214.6	211.8
25°	130.6	137.6	145.1	139.0	134.3
27.5°	81.2	85.8	93.8	87.2	82.1
30°	49.0	53.2	61.6	52.7	49.4
32.5°	25.7	31.7	38.7	32.2	25.7
35°	12.1	17.3	23.8	17.3	12.6
37.5°	7.5	9.3	14.5	9.3	7.5
40°	4.2	6.1	8.9	6.1	4.2
42.5°	1.9	3.3	4.2	3.3	2.3
45°	0.5	1.4	2.3	1.4	0.5
47.5°	0.0	0.0	1.4	0.5	0.0
50°	0.0	0.0	0.5	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)