

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: P1305576

Luminaire Tested: P3SQAS05R259024DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305576
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: P3SQAS05R259024DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

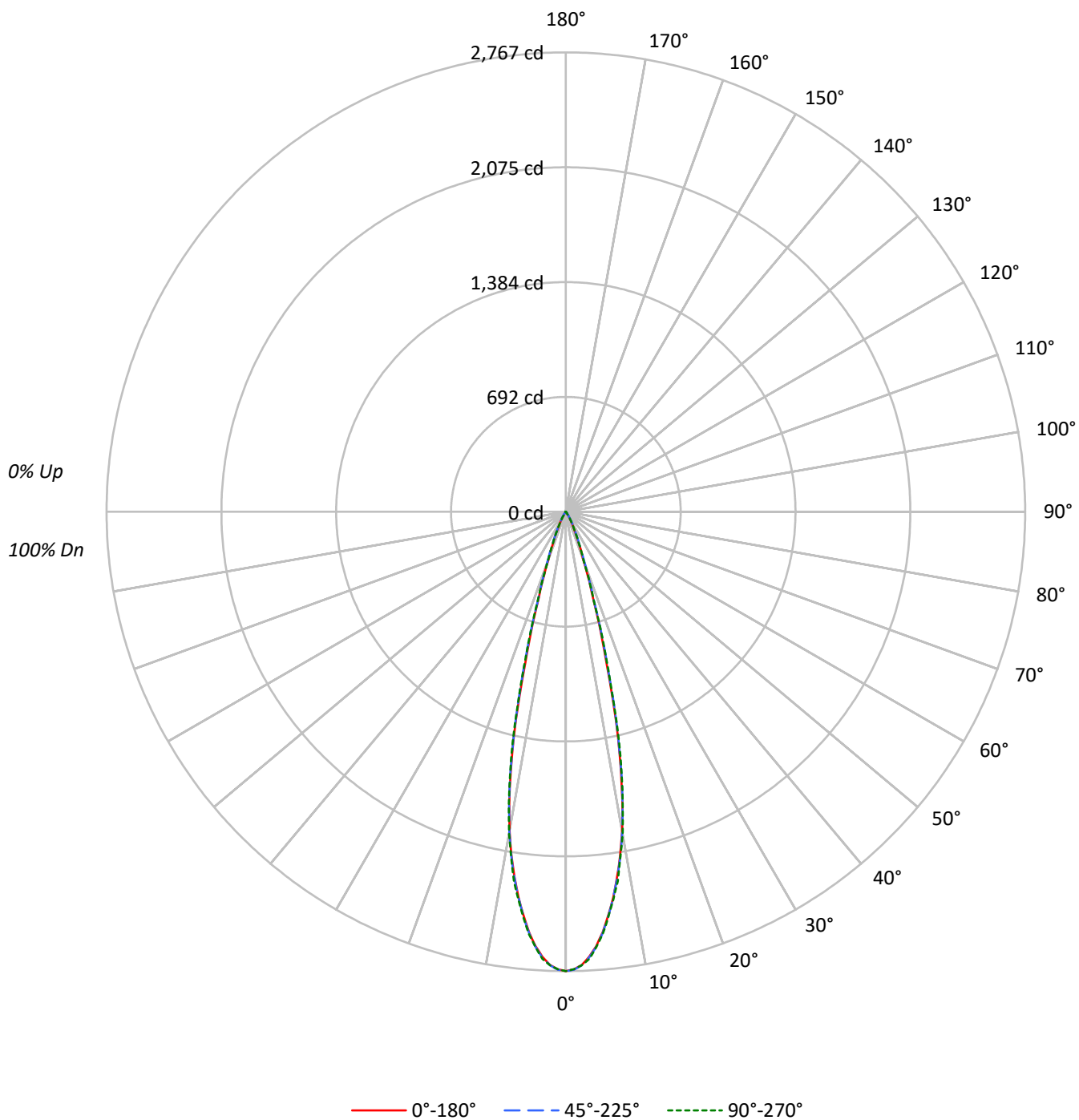
Lumens per Lamp: N/A
Luminaire Lumens: 576.0 lumens
Efficiency: N/A
Efficacy: 80.0 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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			0
RW	70	50	30	10	70	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	100
1	115	113	111	110	113	111	110	108	107	106	105		103	103	102		100	99	99	97
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		98	97	96	94
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96	94	93	92
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		94	92	90	89
5	103	97	93	90	101	96	93	90	95	92	89		93	91	89		92	90	88	87
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		90	87	85	84
7	97	91	87	85	96	91	87	84	90	86	84		89	86	84		88	85	83	82
8	95	89	85	82	94	88	85	82	87	84	82		87	84	82		86	83	81	80
9	93	86	83	80	92	86	82	80	85	82	80		85	82	80		84	81	79	78
10	91	84	81	78	90	84	80	78	83	80	78		83	80	78		82	79	77	77

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	476574	476574	476574
5°	439428	440430	441347
10°	341190	342431	344285
15°	168616	175695	175784
20°	56779	60573	57915
25°	23506	26110	24190
30°	9227	11594	9307
35°	2418	4731	2502
40°	899	1888	899
45°	97	536	97
50°	0	107	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: 536 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	224.2	38.9
10°-20°	271.2	47.1
20°-30°	66.2	11.5
30°-40°	12.9	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°	561.7	97.5
0°-40°	574.5	99.7
0°-60°	576.0	100.0
0°-90°	576.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	576.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2767	2767	2767	2767	2767	
5°	2542	2545	2548	2559	2553	224
15°	946	968	985	995	986	266
25°	124	130	137	132	127	63
35°	12	16	22	16	12	10
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°	2767.2	2767.2	2767.2	2767.2	2767.2
1°	2756.6	2758.4	2758.8	2761.5	2756.2
2°	2731.4	2731.8	2733.2	2738.5	2733.6
3°	2685.0	2688.1	2688.5	2695.6	2696.9
4°	2621.8	2623.6	2627.1	2639.0	2628.4
5°	2541.8	2545.4	2547.6	2558.6	2552.9
6°	2442.8	2443.7	2448.6	2461.4	2453.4
7°	2342.1	2341.6	2342.1	2352.3	2350.0
8°	2220.6	2218.4	2225.4	2237.8	2246.2
9°	2093.7	2096.8	2101.2	2113.2	2103.5
10°	1951.0	1959.4	1958.1	1959.0	1968.7
11°	1786.6	1789.3	1789.7	1799.0	1797.7
12°	1593.5	1593.5	1608.1	1623.1	1618.2
13°	1398.6	1412.3	1402.6	1405.7	1425.1
14°	1171.5	1182.1	1195.3	1207.7	1198.0
15°	945.7	968.2	985.4	995.2	985.9
17.5°	541.8	549.3	563.9	565.6	559.9
20°	309.8	319.1	330.5	327.0	316.0
22.5°	194.9	197.5	209.0	203.3	200.6
25°	123.7	130.4	137.4	131.7	127.3
27.5°	76.9	81.3	88.8	82.6	77.8
30°	46.4	50.4	58.3	49.9	46.8
32.5°	24.3	30.0	36.7	30.5	24.3
35°	11.5	16.4	22.5	16.4	11.9
37.5°	7.1	8.8	13.7	8.8	7.1
40°	4.0	5.7	8.4	5.7	4.0
42.5°	1.8	3.1	4.0	3.1	2.2
45°	0.4	1.3	2.2	1.3	0.4
47.5°	0.0	0.0	1.3	0.4	0.0
50°	0.0	0.0	0.4	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)