

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: P1308458

Luminaire Tested: P3SQAS24R309030D010 E3SQCD1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308458
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS24R309030D010 E3SQCD1MMS
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3SQCD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

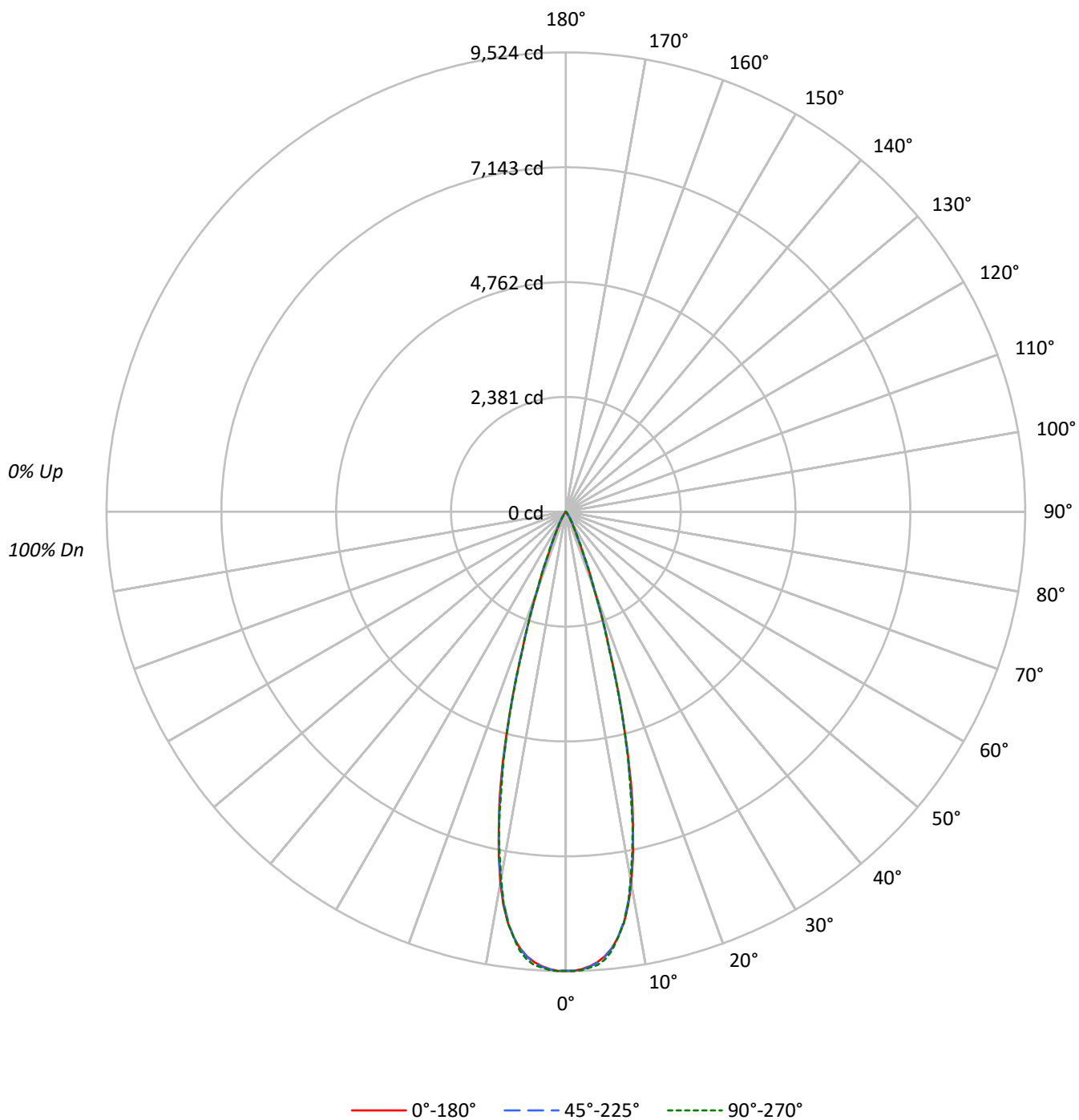
Lumens per Lamp: N/A
Luminaire Lumens: 2456.0 lumens
Efficiency: N/A
Efficacy: 85.3 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.46
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	109	108	107	106	105		103	102	101		100
2	112	108	105	103	109	106	104	102	103	101	99		100	99	97		98
3	108	104	100	97	106	102	99	97	100	97	95		98	95	94		95
4	105	100	96	93	103	99	95	92	97	94	91		95	92	90		93
5	102	96	92	89	101	95	92	89	94	91	88		92	90	87		91
6	99	93	89	86	98	92	89	86	91	88	85		90	87	85		89
7	96	90	86	83	95	90	86	83	89	85	83		87	85	82		87
8	94	88	84	81	93	87	83	81	86	83	80		85	82	80		84
9	91	85	81	78	91	85	81	78	84	80	78		83	80	78		82
10	89	83	79	76	88	82	79	76	82	78	76		81	78	76		80

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1639250	1639250	1639250
5°	1599266	1601254	1610174
10°	1365896	1359548	1351538
15°	842922	833044	836111
20°	318569	320329	319981
25°	97997	107441	102367
30°	39515	50134	41026
35°	11648	21277	12047
40°	4721	8588	4721
45°	926	2801	926
50°	0	509	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: 2801 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	839.5	34.2
10°-20°	1243.0	50.6
20°-30°	308.3	12.6
30°-40°	57.9	2.4
40°-50°	7.3	0.3
50°-60°	0.1	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°	2390.8	97.3
0°-40°	2448.7	99.7
0°-60°	2456.0	100.0
0°-90°	2456.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2456.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	9518	9518	9518	9518	9518	
5°	9251	9247	9262	9278	9314	840
15°	4728	4682	4672	4708	4689	1249
25°	516	550	565	564	539	297
35°	55	73	101	74	57	46
45°	4	6	12	8	4	4
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°	9518.2	9518.2	9518.2	9518.2	9518.2
1°	9522.0	9514.3	9514.3	9502.9	9523.9
2°	9487.6	9480.0	9493.3	9483.8	9510.5
3°	9436.0	9426.5	9445.6	9451.3	9464.7
4°	9359.6	9352.0	9373.0	9384.4	9420.7
5°	9250.7	9246.9	9262.2	9277.5	9313.8
6°	9101.7	9096.0	9105.6	9124.7	9147.6
7°	8885.9	8874.4	8882.1	8885.9	8891.6
8°	8612.8	8595.6	8586.0	8607.0	8618.5
9°	8261.3	8242.2	8221.2	8213.5	8240.3
10°	7810.5	7781.9	7774.2	7755.1	7728.4
11°	7287.1	7264.2	7258.5	7224.1	7208.8
12°	6687.3	6675.9	6689.3	6668.2	6660.6
13°	6112.4	6039.8	6030.3	5990.2	5969.1
14°	5432.4	5365.5	5363.6	5342.6	5371.3
15°	4727.6	4681.7	4672.2	4708.5	4689.4
17.5°	3014.2	3044.7	3037.1	3018.0	2985.5
20°	1738.2	1717.2	1747.8	1755.4	1745.9
22.5°	926.4	934.1	939.8	962.7	978.0
25°	515.7	550.1	565.4	563.5	538.7
27.5°	320.9	341.9	370.6	351.5	330.5
30°	198.7	215.8	252.1	217.8	206.3
32.5°	107.0	135.6	162.4	135.6	110.8
35°	55.4	72.6	101.2	74.5	57.3
37.5°	36.3	42.0	64.9	42.0	36.3
40°	21.0	26.7	38.2	26.7	21.0
42.5°	9.6	15.3	21.0	15.3	9.6
45°	3.8	5.7	11.5	7.6	3.8
47.5°	0.0	1.9	5.7	1.9	0.0
50°	0.0	0.0	1.9	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)