

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: P1306204

Luminaire Tested: P3SQAS20R259024D010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1306204
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: P3SQAS20R259024D010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

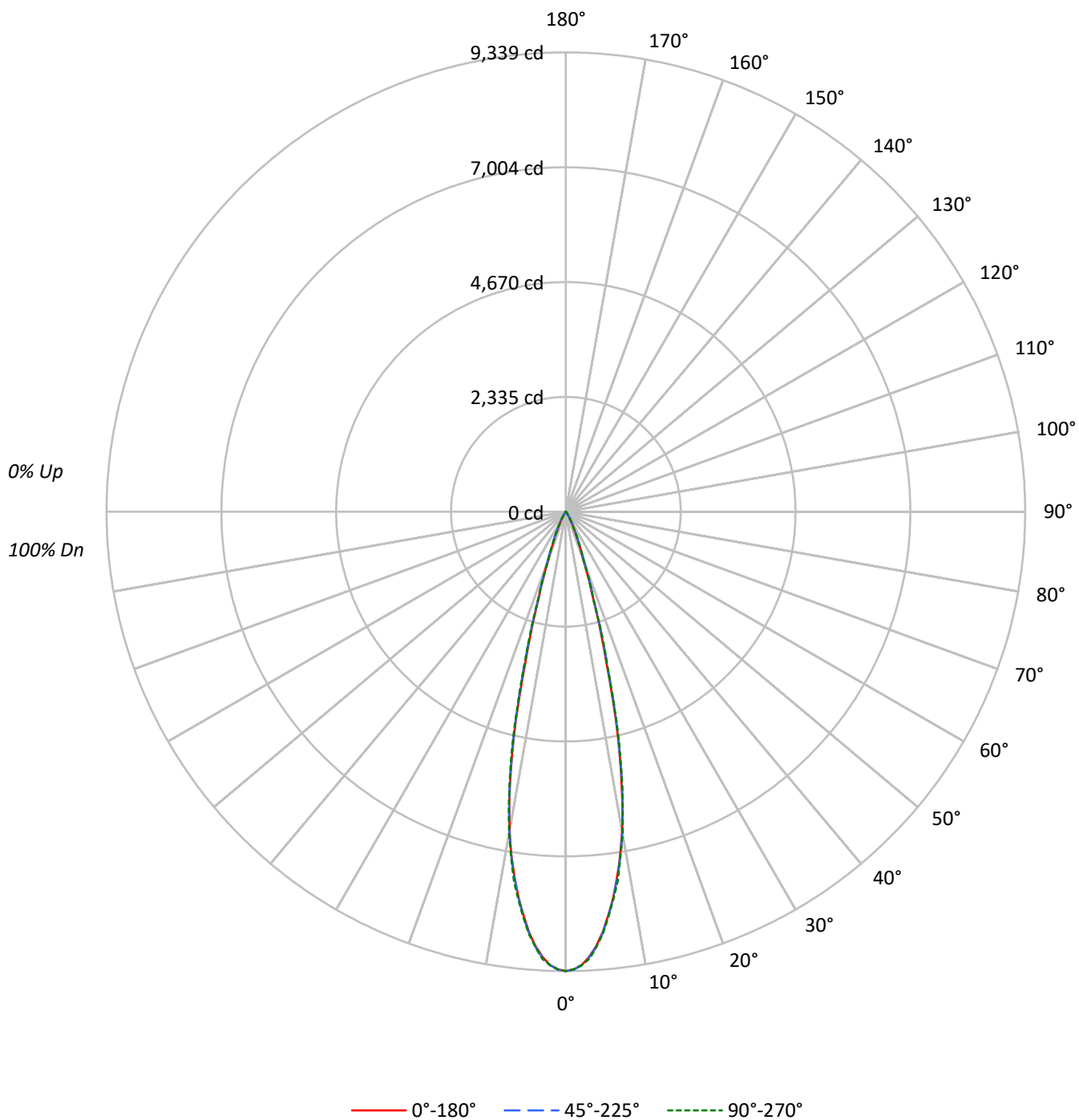
Lumens per Lamp: N/A
Luminaire Lumens: 1944.0 lumens
Efficiency: N/A
Efficacy: 67.5 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	1608439	1608439	1608439
5°	1483090	1486444	1489538
10°	1151511	1155691	1161952
15°	569056	593001	593269
20°	191615	204462	195445
25°	79355	88134	81616
30°	31142	39157	31441
35°	8158	16000	8473
40°	3013	6362	3013
45°	365	1827	365
50°	0	402	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: 1827 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	756.8	38.9
10°-20°	915.4	47.1
20°-30°	223.5	11.5
30°-40°	43.4	2.2
40°-50°	4.9	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°	1895.6	97.5
0°-40°	1939.0	99.7
0°-60°	1944.0	100.0
0°-90°	1944.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1944.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	9339	9339	9339	9339	9339	
5°	8579	8591	8598	8635	8616	755
15°	3192	3268	3326	3359	3327	899
25°	418	440	464	444	430	212
35°	39	55	76	55	40	34
45°	2	4	8	4	2	3
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°	9339.3	9339.3	9339.3	9339.3	9339.3
1°	9303.5	9309.5	9311.0	9319.9	9302.0
2°	9218.5	9220.0	9224.5	9242.4	9225.9
3°	9061.9	9072.3	9073.8	9097.7	9102.2
4°	8848.6	8854.6	8866.5	8906.8	8871.0
5°	8578.7	8590.6	8598.1	8635.3	8616.0
6°	8244.6	8247.6	8264.0	8307.2	8280.4
7°	7904.5	7903.1	7904.5	7938.8	7931.4
8°	7494.4	7486.9	7510.8	7552.6	7580.9
9°	7066.4	7076.8	7091.7	7132.0	7099.2
10°	6584.6	6613.0	6608.5	6611.5	6644.3
11°	6029.8	6038.8	6040.3	6071.6	6067.1
12°	5378.1	5378.1	5427.3	5478.0	5461.6
13°	4720.4	4766.6	4733.8	4744.2	4809.8
14°	3953.8	3989.6	4034.3	4076.1	4043.2
15°	3191.6	3267.7	3325.9	3358.7	3327.4
17.5°	1828.5	1853.8	1903.1	1909.0	1889.6
20°	1045.5	1076.8	1115.6	1103.7	1066.4
22.5°	657.7	666.7	705.4	686.1	677.1
25°	417.6	440.0	463.8	444.4	429.5
27.5°	259.5	274.4	299.8	278.9	262.5
30°	156.6	170.0	196.9	168.5	158.1
32.5°	82.0	101.4	123.8	102.9	82.0
35°	38.8	55.2	76.1	55.2	40.3
37.5°	23.9	29.8	46.2	29.8	23.9
40°	13.4	19.4	28.3	19.4	13.4
42.5°	6.0	10.4	13.4	10.4	7.5
45°	1.5	4.5	7.5	4.5	1.5
47.5°	0.0	0.0	4.5	1.5	0.0
50°	0.0	0.0	1.5	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)