

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: P1311755

Luminaire Tested: P3SQAS24R259050D010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311755
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS24R259050D010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

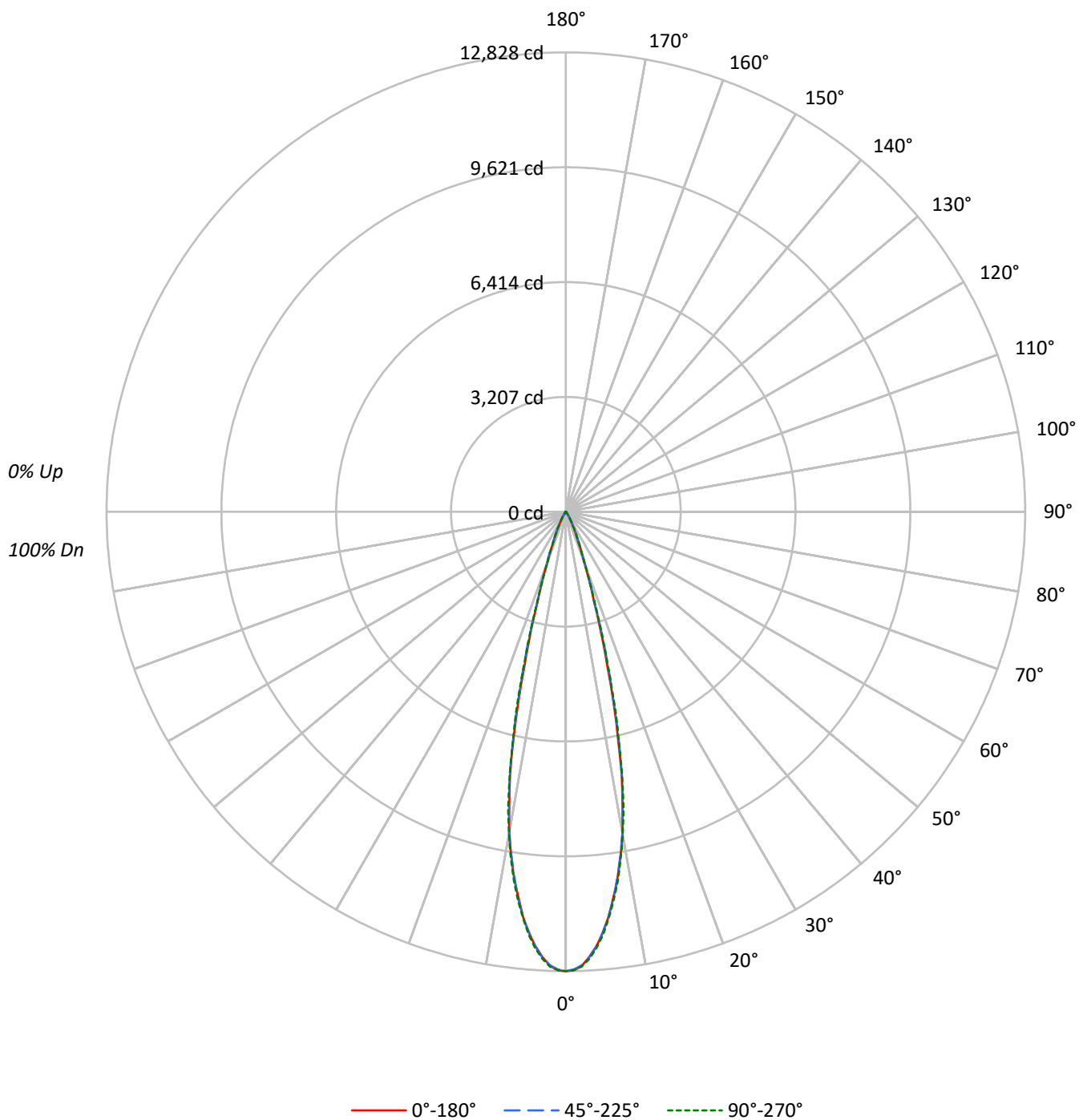
Lumens per Lamp: N/A
Luminaire Lumens: 2710.0 lumens
Efficiency: N/A
Efficacy: 94.1 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	109	108	107	106	105		103	102	102		100
2	112	108	105	103	110	107	104	102	103	101	100		101	99	97		98
3	108	104	100	98	107	103	99	97	100	98	95		98	96	94		96
4	105	100	96	93	104	99	96	93	97	94	92		95	93	91		94
5	102	97	93	90	101	96	92	90	94	91	89		93	90	88		91
6	100	94	90	87	98	93	89	87	92	88	86		90	88	86		89
7	97	91	87	84	96	90	87	84	89	86	84		88	85	83		87
8	95	88	84	82	94	88	84	82	87	84	81		86	83	81		85
9	92	86	82	80	91	86	82	79	85	82	79		84	81	79		83
10	90	84	80	78	89	84	80	77	83	80	77		82	79	77		82

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2209289	2209289	2209289
5°	2040647	2039938	2051365
10°	1594044	1589707	1600549
15°	801931	835433	834702
20°	274400	281969	277424
25°	110272	124011	114985
30°	44765	53395	43532
35°	13035	23442	13035
40°	6025	10207	6025
45°	2022	4019	2022
50°	1099	1661	1099
55°	1231	1231	1231
60°	1412	1412	1412
65°	856	856	856
70°	1057	1057	1057
75°	1397	1397	1397
80°	0	2083	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 4019 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1040.7	38.4
10°-20°	1273.8	47.0
20°-30°	311.2	11.5
30°-40°	64.3	2.4
40°-50°	11.2	0.4
50°-60°	3.7	0.1
60°-70°	2.9	0.1
70°-80°	2.0	0.1
80°-90°	0.1	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°	2625.7	96.9
0°-40°	2690.0	99.3
0°-60°	2705.0	99.8
0°-90°	2710.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2710.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	12828	12828	12828	12828	12828	
5°	11804	11814	11800	11824	11866	1040
15°	4498	4574	4686	4706	4682	1256
25°	580	607	653	615	605	297
35°	62	87	112	85	62	53
45°	8	12	16	12	8	8
55°	4	4	4	4	4	4
65°	2	4	2	2	2	3
75°	2	2	2	2	2	2
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°	12828.1	12828.1	12828.1	12828.1	12828.1
1°	12803.3	12786.8	12782.6	12784.7	12805.4
2°	12687.7	12677.3	12675.3	12681.5	12710.4
3°	12452.2	12464.6	12468.8	12489.4	12503.9
4°	12163.1	12187.9	12177.6	12202.4	12218.9
5°	11803.8	11814.1	11799.7	11824.5	11865.8
6°	11384.6	11347.4	11382.5	11392.9	11421.8
7°	10862.2	10870.4	10882.8	10895.2	10938.6
8°	10348.0	10323.2	10317.0	10374.8	10409.9
9°	9747.0	9751.2	9728.4	9794.5	9804.8
10°	9115.1	9063.5	9090.3	9142.0	9152.3
11°	8280.8	8266.4	8305.6	8386.2	8450.2
12°	7498.2	7506.4	7547.8	7574.6	7560.1
13°	6463.6	6525.6	6577.2	6604.0	6568.9
14°	5528.1	5528.1	5594.2	5604.5	5730.5
15°	4497.7	4574.1	4685.6	4706.2	4681.5
17.5°	2597.8	2608.2	2661.8	2659.8	2699.0
20°	1497.2	1511.6	1538.5	1532.3	1513.7
22.5°	900.4	931.3	995.4	943.7	929.3
25°	580.3	607.1	652.6	615.4	605.1
27.5°	363.4	382.0	417.1	384.1	367.6
30°	225.1	235.4	268.5	237.5	218.9
32.5°	121.8	148.7	175.5	148.7	121.8
35°	62.0	86.7	111.5	84.7	62.0
37.5°	41.3	49.6	72.3	47.5	41.3
40°	26.8	33.0	45.4	33.0	26.8
42.5°	14.5	20.7	24.8	22.7	14.5
45°	8.3	12.4	16.5	12.4	8.3
47.5°	6.2	6.2	10.3	6.2	4.1
50°	4.1	4.1	6.2	4.1	4.1
52.5°	4.1	4.1	4.1	4.1	4.1
55°	4.1	4.1	4.1	4.1	4.1
57.5°	4.1	4.1	4.1	4.1	4.1
60°	4.1	4.1	4.1	4.1	4.1
62.5°	4.1	4.1	4.1	4.1	4.1
65°	2.1	4.1	2.1	2.1	2.1
67.5°	2.1	2.1	2.1	2.1	2.1
70°	2.1	2.1	2.1	2.1	2.1
72.5°	2.1	2.1	2.1	2.1	2.1
75°	2.1	2.1	2.1	2.1	2.1
77.5°	2.1	2.1	2.1	2.1	2.1
80°	0.0	0.0	2.1	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)