

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: P1307823

Luminaire Tested: P3SQAS09R259030DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1307823
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: P3SQAS09R259030DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

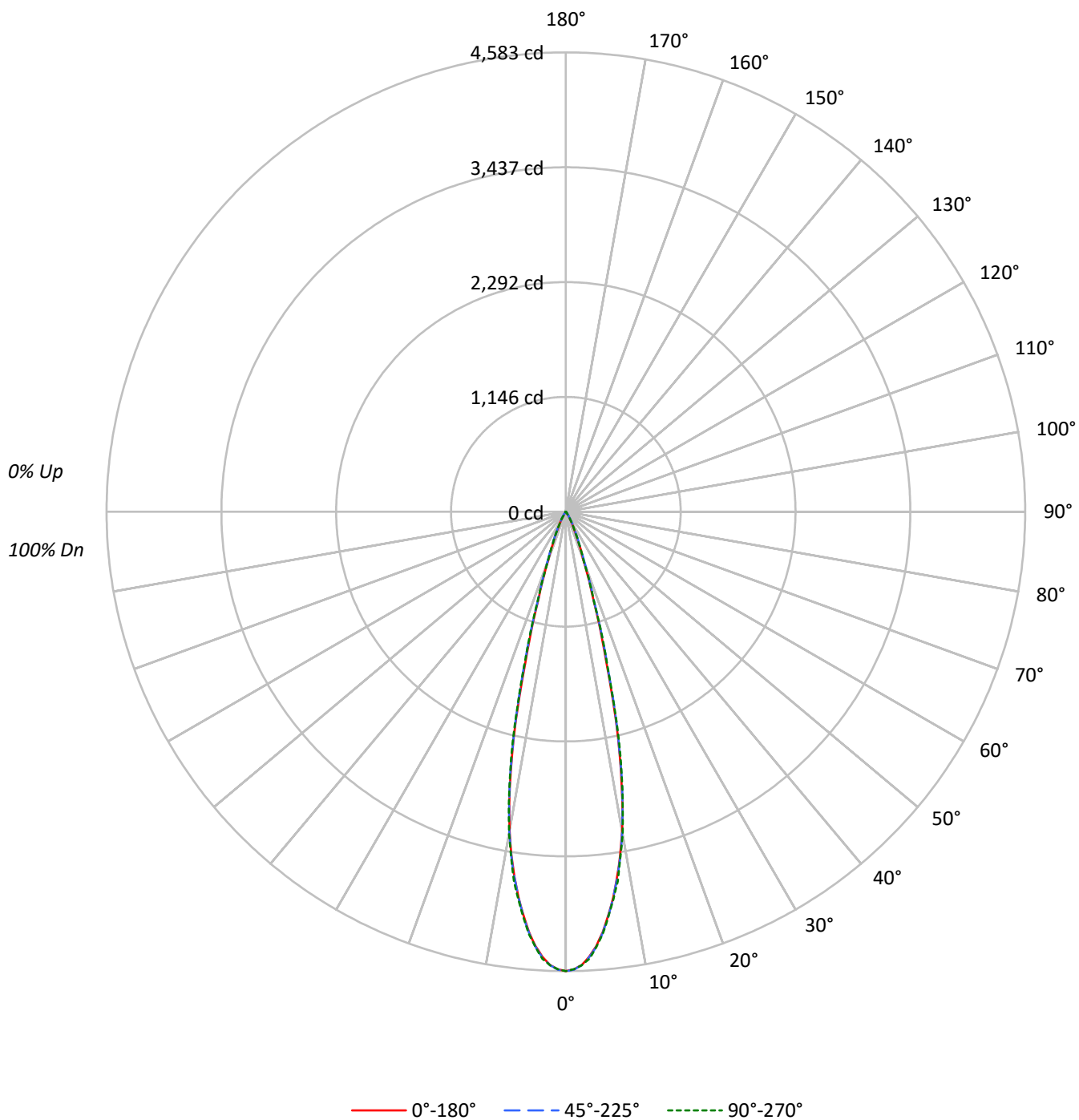
Lumens per Lamp: N/A
Luminaire Lumens: 954.0 lumens
Efficiency: N/A
Efficacy: 85.9 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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°	789331	789331	789331
5°	727810	729452	730973
10°	565088	567152	570212
15°	279268	291000	291143
20°	94039	100343	95908
25°	38936	43250	40058
30°	15273	19210	15432
35°	3995	7842	4163
40°	1484	3125	1484
45°	170	901	170
50°	0	188	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: 901 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	371.4	38.9
10°-20°	449.2	47.1
20°-30°	109.7	11.5
30°-40°	21.3	2.2
40°-50°	2.4	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°	930.3	97.5
0°-40°	951.6	99.7
0°-60°	954.0	100.0
0°-90°	954.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	954.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4583	4583	4583	4583	4583	
5°	4210	4216	4219	4238	4228	370
15°	1566	1604	1632	1648	1633	441
25°	205	216	228	218	211	104
35°	19	27	37	27	20	17
45°	1	2	4	2	1	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°	4583.2	4583.2	4583.2	4583.2	4583.2
1°	4565.6	4568.5	4569.3	4573.7	4564.9
2°	4523.9	4524.6	4526.8	4535.6	4527.5
3°	4447.0	4452.2	4452.9	4464.6	4466.8
4°	4342.4	4345.3	4351.2	4370.9	4353.4
5°	4209.9	4215.8	4219.4	4237.7	4228.2
6°	4046.0	4047.4	4055.5	4076.7	4063.5
7°	3879.1	3878.3	3879.1	3895.9	3892.3
8°	3677.8	3674.1	3685.9	3706.4	3720.3
9°	3467.8	3472.9	3480.2	3500.0	3483.9
10°	3231.3	3245.3	3243.1	3244.5	3260.6
11°	2959.1	2963.5	2964.2	2979.6	2977.4
12°	2639.2	2639.2	2663.4	2688.3	2680.2
13°	2316.5	2339.2	2323.1	2328.2	2360.4
14°	1940.3	1957.8	1979.8	2000.3	1984.2
15°	1566.3	1603.6	1632.1	1648.2	1632.9
17.5°	897.3	909.8	933.9	936.8	927.3
20°	513.1	528.4	547.5	541.6	523.3
22.5°	322.8	327.2	346.2	336.7	332.3
25°	204.9	215.9	227.6	218.1	210.8
27.5°	127.4	134.7	147.1	136.9	128.8
30°	76.8	83.4	96.6	82.7	77.6
32.5°	40.3	49.8	60.7	50.5	40.3
35°	19.0	27.1	37.3	27.1	19.8
37.5°	11.7	14.6	22.7	14.6	11.7
40°	6.6	9.5	13.9	9.5	6.6
42.5°	2.9	5.1	6.6	5.1	3.7
45°	0.7	2.2	3.7	2.2	0.7
47.5°	0.0	0.0	2.2	0.7	0.0
50°	0.0	0.0	0.7	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)