

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: P1314198

Luminaire Tested: P3SQAS09R259735DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314198
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: P3SQAS09R259735DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

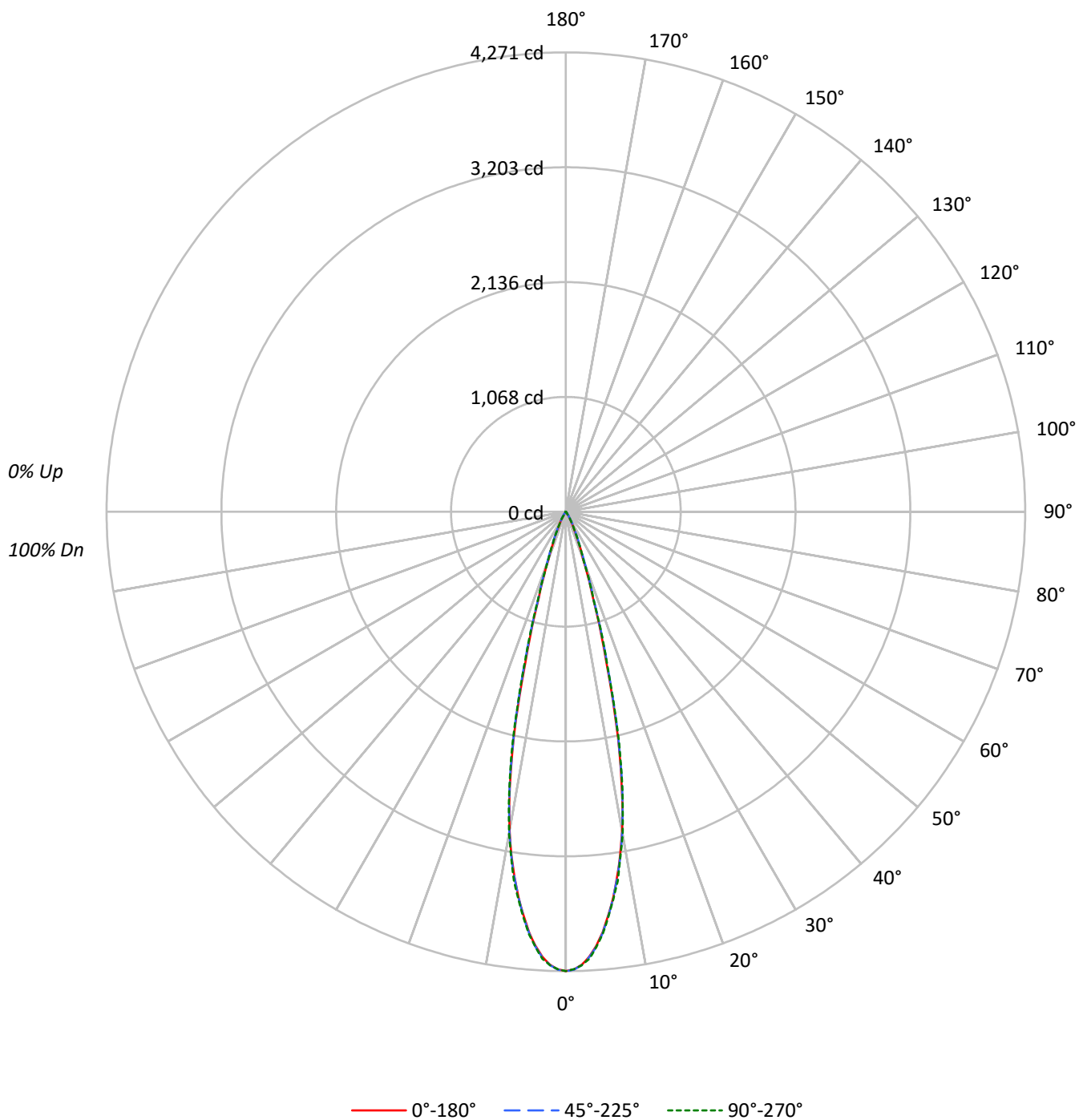
Lumens per Lamp: N/A
Luminaire Lumens: 889.0 lumens
Efficiency: N/A
Efficacy: 80.1 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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°	735546	735546	735546
5°	678228	679749	681166
10°	526597	528503	531371
15°	260244	271173	271298
20°	87624	93507	89383
25°	36295	40305	37321
30°	14239	17898	14378
35°	3721	7317	3869
40°	1371	2923	1371
45°	170	828	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: 828 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	346.1	38.9
10°-20°	418.6	47.1
20°-30°	102.2	11.5
30°-40°	19.9	2.2
40°-50°	2.2	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°	866.9	97.5
0°-40°	886.7	99.7
0°-60°	889.0	100.0
0°-90°	889.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	889.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4271	4271	4271	4271	4271	
5°	3923	3928	3932	3949	3940	345
15°	1460	1494	1521	1536	1522	411
25°	191	201	212	203	196	97
35°	18	25	35	25	18	16
45°	1	2	3	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	0

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4270.9	4270.9	4270.9	4270.9	4270.9
1°	4254.5	4257.3	4257.9	4262.0	4253.8
2°	4215.7	4216.3	4218.4	4226.6	4219.1
3°	4144.0	4148.8	4149.5	4160.4	4162.5
4°	4046.5	4049.2	4054.7	4073.1	4056.7
5°	3923.1	3928.5	3931.9	3949.0	3940.1
6°	3770.3	3771.7	3779.2	3798.9	3786.7
7°	3614.8	3614.1	3614.8	3630.5	3627.1
8°	3427.2	3423.8	3434.7	3453.8	3466.8
9°	3231.5	3236.3	3243.1	3261.5	3246.5
10°	3011.2	3024.1	3022.1	3023.5	3038.5
11°	2757.5	2761.6	2762.2	2776.6	2774.5
12°	2459.4	2459.4	2481.9	2505.1	2497.6
13°	2158.6	2179.8	2164.8	2169.6	2199.6
14°	1808.1	1824.4	1844.9	1864.0	1849.0
15°	1459.6	1494.3	1520.9	1535.9	1521.6
17.5°	836.2	847.8	870.3	873.0	864.1
20°	478.1	492.4	510.2	504.7	487.7
22.5°	300.8	304.9	322.6	313.7	309.6
25°	191.0	201.2	212.1	203.2	196.4
27.5°	118.7	125.5	137.1	127.5	120.0
30°	71.6	77.8	90.0	77.1	72.3
32.5°	37.5	46.4	56.6	47.1	37.5
35°	17.7	25.2	34.8	25.2	18.4
37.5°	10.9	13.6	21.1	13.6	10.9
40°	6.1	8.9	13.0	8.9	6.1
42.5°	2.7	4.8	6.1	4.8	3.4
45°	0.7	2.0	3.4	2.0	0.7
47.5°	0.0	0.0	2.0	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)