

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: P1314203

Luminaire Tested: P3SQAS09R259735DE010 E3SQPH1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314203
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS09R259735DE010 E3SQPH1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3SQPH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

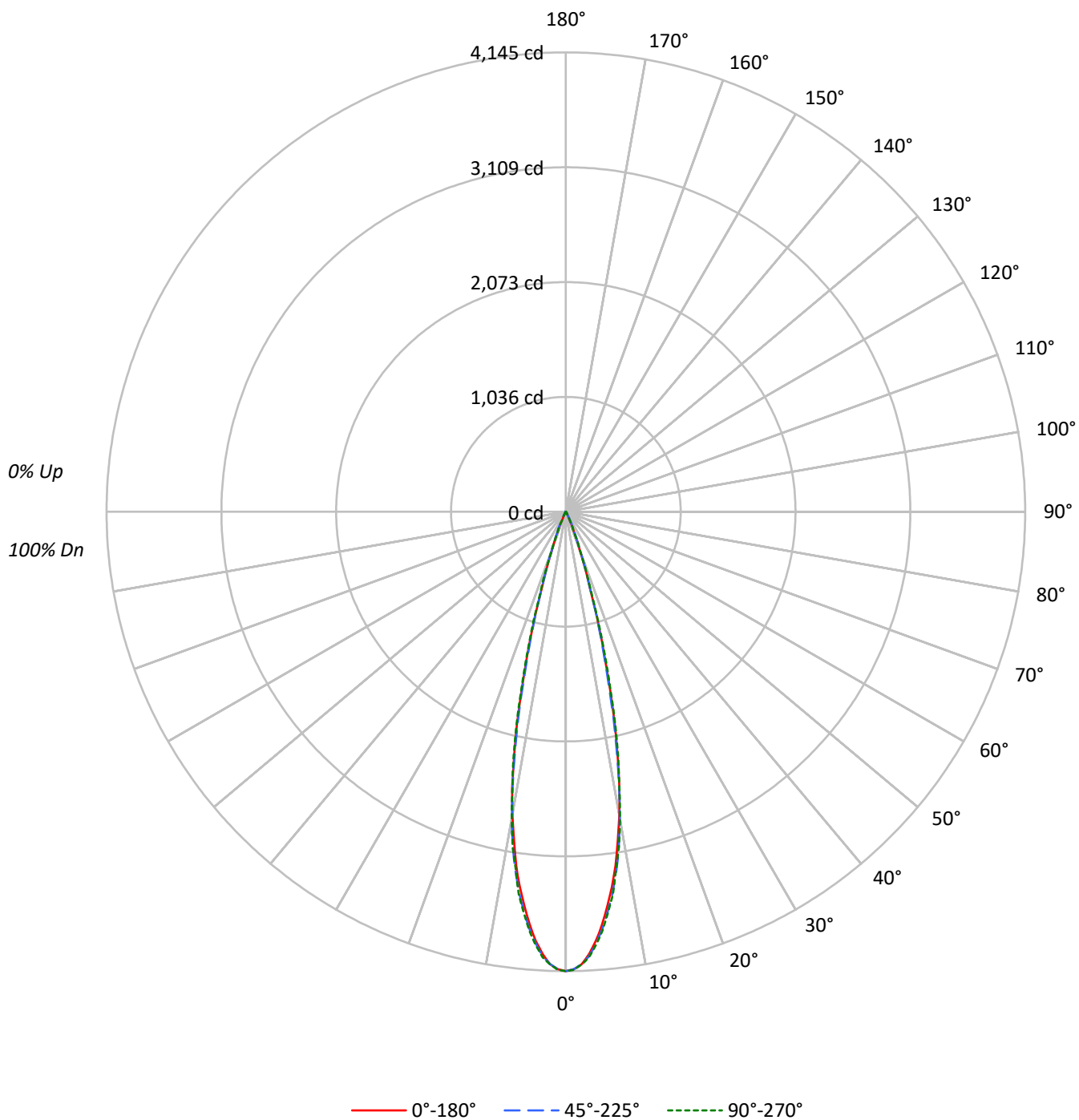
Lumens per Lamp: N/A
Luminaire Lumens: 765.0 lumens
Efficiency: N/A
Efficacy: 68.9 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	112	110	113	111	110	108	107	106	105		104	103	102		100
2	112	109	106	104	110	107	105	103	104	102	101		101	100	98		99
3	109	105	102	99	107	104	101	98	101	99	97		99	97	95		97
4	106	101	98	95	105	100	97	95	99	96	94		97	94	93		95
5	104	98	95	92	102	98	94	92	96	93	91		95	92	90		93
6	101	96	92	89	100	95	92	89	94	91	89		93	90	88		91
7	99	93	89	87	98	93	89	87	92	89	86		91	88	86		90
8	97	91	87	85	96	90	87	85	90	86	84		89	86	84		88
9	95	89	85	83	94	88	85	83	88	85	82		87	84	82		86
10	93	87	83	81	92	86	83	81	86	83	81		85	82	80		85

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	713897	713897	713897
5°	646919	652814	656012
10°	486340	489785	492058
15°	240809	233624	249189
20°	68014	69132	69883
25°	11801	22290	14005
30°	4614	4753	4892
35°	1430	1577	1577
40°	450	607	450
45°	341	170	341
50°	188	0	188
55°	210	0	210
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: 0°

Vertical Angle: 45°

Luminance: 341 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	329.3	43.0
10°-20°	371.4	48.5
20°-30°	57.6	7.5
30°-40°	5.8	0.8
40°-50°	0.8	0.1
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°	758.3	99.1
0°-40°	764.1	99.9
0°-60°	765.0	100.0
0°-90°	765.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	765.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4145	4145	4145	4145	4145	
5°	3742	3749	3776	3791	3795	326
15°	1351	1341	1310	1369	1398	370
25°	62	92	117	89	74	52
35°	7	8	8	8	8	5
45°	1	1	1	1	1	1
55°	1	0	0	0	1	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°	4145.2	4145.2	4145.2	4145.2	4145.2
1°	4128.1	4133.6	4127.4	4134.3	4133.6
2°	4085.1	4090.6	4083.1	4087.2	4087.2
3°	3997.2	4008.7	4015.6	4020.3	4024.4
4°	3881.2	3894.2	3904.4	3916.7	3916.7
5°	3742.0	3748.9	3776.1	3791.2	3794.6
6°	3576.3	3603.6	3624.0	3654.1	3635.6
7°	3410.5	3433.0	3461.7	3466.5	3479.4
8°	3222.3	3246.2	3272.8	3268.0	3257.1
9°	2993.1	3027.9	3059.3	3049.0	3062.7
10°	2781.0	2802.1	2800.7	2790.5	2813.7
11°	2534.7	2539.5	2512.9	2554.5	2529.3
12°	2242.8	2246.9	2212.8	2253.7	2279.6
13°	1963.1	1953.6	1906.5	1960.4	1993.1
14°	1641.2	1644.6	1584.5	1688.9	1680.7
15°	1350.6	1341.0	1310.3	1369.0	1397.6
17.5°	719.6	725.8	718.3	747.6	766.0
20°	371.1	381.3	377.2	389.5	381.3
22.5°	192.4	206.7	210.8	201.2	175.3
25°	62.1	92.1	117.3	89.4	73.7
27.5°	37.5	36.8	57.3	39.6	40.2
30°	23.2	22.5	23.9	23.9	24.6
32.5°	13.0	13.6	13.0	14.3	13.6
35°	6.8	7.5	7.5	8.2	7.5
37.5°	4.1	4.8	4.8	4.8	4.1
40°	2.0	2.7	2.7	2.0	2.0
42.5°	1.4	1.4	1.4	1.4	1.4
45°	1.4	0.7	0.7	0.7	1.4
47.5°	0.7	0.7	0.0	0.7	0.7
50°	0.7	0.7	0.0	0.7	0.7
52.5°	0.7	0.0	0.0	0.0	0.7
55°	0.7	0.0	0.0	0.0	0.7
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)