

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: P1315172

Luminaire Tested: P3SQAS09R259740DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315172
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: P3SQAS09R259740DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

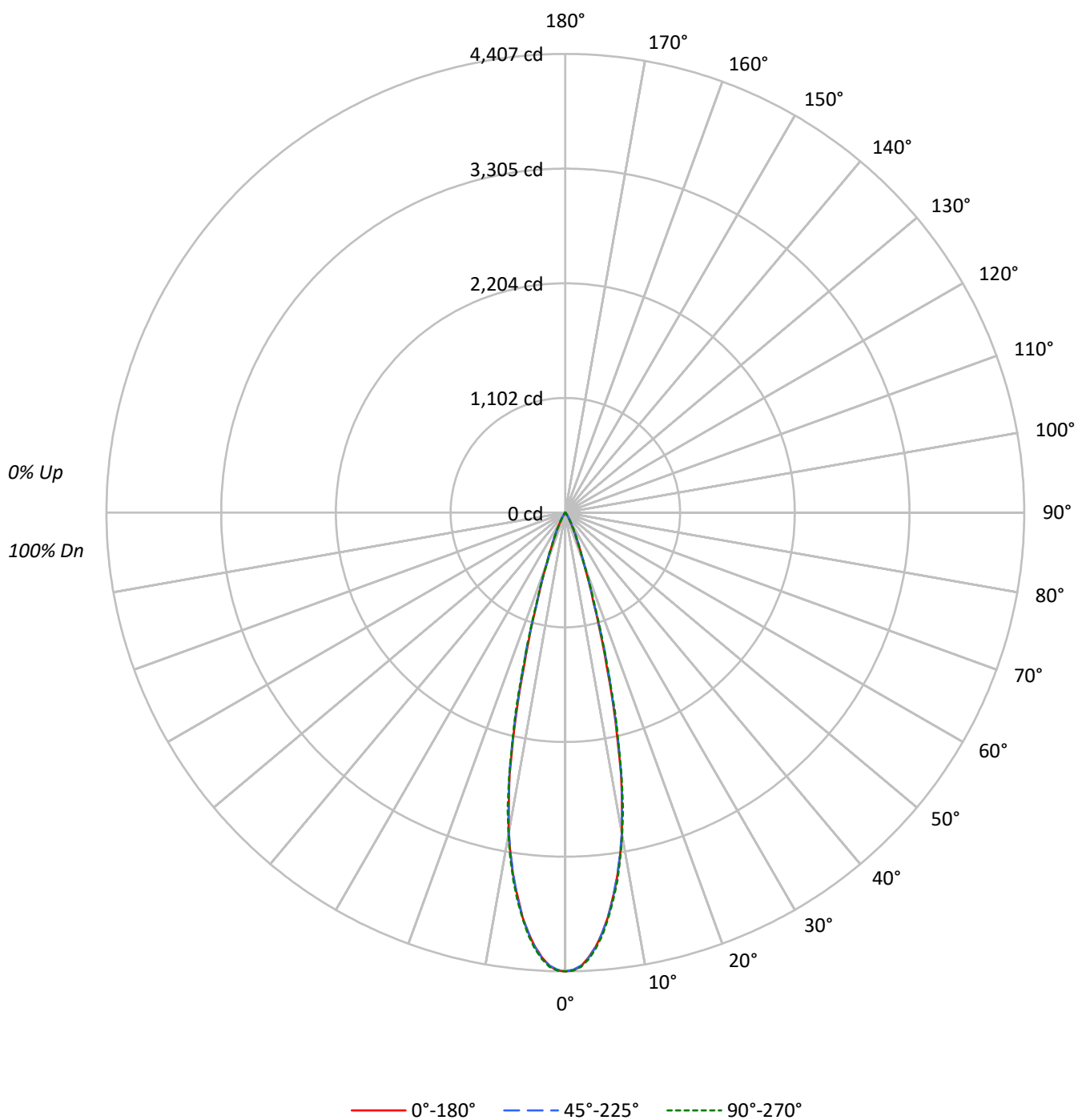
Lumens per Lamp: N/A
Luminaire Lumens: 931.0 lumens
Efficiency: N/A
Efficacy: 83.9 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	758985	758985	758985
5°	701048	700806	704730
10°	547618	546131	549856
15°	275488	287006	286757
20°	94259	96861	95303
25°	37891	42604	39507
30°	15372	18335	14955
35°	4478	8052	4478
40°	2068	3507	2068
45°	682	1388	682
50°	375	563	375
55°	420	420	420
60°	482	482	482
65°	285	285	285
70°	352	352	352
75°	466	466	466
80°	0	694	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 1388 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	357.5	38.4
10°-20°	437.6	47.0
20°-30°	106.9	11.5
30°-40°	22.1	2.4
40°-50°	3.9	0.4
50°-60°	1.3	0.1
60°-70°	1.0	0.1
70°-80°	0.7	0.1
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°	902.0	96.9
0°-40°	924.1	99.3
0°-60°	929.3	99.8
0°-90°	931.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	931.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4407	4407	4407	4407	4407	
5°	4055	4059	4054	4062	4076	357
15°	1545	1571	1610	1617	1608	431
25°	199	209	224	211	208	102
35°	21	30	38	29	21	18
45°	3	4	6	4	3	3
55°	1	1	1	1	1	1
65°	1	1	1	1	1	1
75°	1	1	1	1	1	1
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°	4407.0	4407.0	4407.0	4407.0	4407.0
1°	4398.5	4392.8	4391.4	4392.1	4399.2
2°	4358.7	4355.2	4354.5	4356.6	4366.6
3°	4277.9	4282.1	4283.5	4290.6	4295.6
4°	4178.6	4187.1	4183.5	4192.0	4197.7
5°	4055.1	4058.7	4053.7	4062.2	4076.4
6°	3911.1	3898.3	3910.4	3913.9	3923.9
7°	3731.6	3734.4	3738.7	3743.0	3757.9
8°	3555.0	3546.4	3544.3	3564.2	3576.2
9°	3348.5	3349.9	3342.1	3364.8	3368.4
10°	3131.4	3113.7	3122.9	3140.7	3144.2
11°	2844.8	2839.9	2853.3	2881.0	2903.0
12°	2575.9	2578.8	2593.0	2602.2	2597.2
13°	2220.5	2241.8	2259.5	2268.8	2256.7
14°	1899.1	1899.1	1921.9	1925.4	1968.7
15°	1545.1	1571.4	1609.7	1616.8	1608.3
17.5°	892.5	896.0	914.5	913.7	927.2
20°	514.3	519.3	528.5	526.4	520.0
22.5°	309.3	320.0	341.9	324.2	319.2
25°	199.4	208.6	224.2	211.4	207.9
27.5°	124.9	131.2	143.3	132.0	126.3
30°	77.3	80.9	92.2	81.6	75.2
32.5°	41.9	51.1	60.3	51.1	41.9
35°	21.3	29.8	38.3	29.1	21.3
37.5°	14.2	17.0	24.8	16.3	14.2
40°	9.2	11.4	15.6	11.4	9.2
42.5°	5.0	7.1	8.5	7.8	5.0
45°	2.8	4.3	5.7	4.3	2.8
47.5°	2.1	2.1	3.5	2.1	1.4
50°	1.4	1.4	2.1	1.4	1.4
52.5°	1.4	1.4	1.4	1.4	1.4
55°	1.4	1.4	1.4	1.4	1.4
57.5°	1.4	1.4	1.4	1.4	1.4
60°	1.4	1.4	1.4	1.4	1.4
62.5°	1.4	1.4	1.4	1.4	1.4
65°	0.7	1.4	0.7	0.7	0.7
67.5°	0.7	0.7	0.7	0.7	0.7
70°	0.7	0.7	0.7	0.7	0.7
72.5°	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7
80°	0.0	0.0	0.7	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)