

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: P1307825

Luminaire Tested: P3SQAS09R259030DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1307825
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: P3SQAS09R259030DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

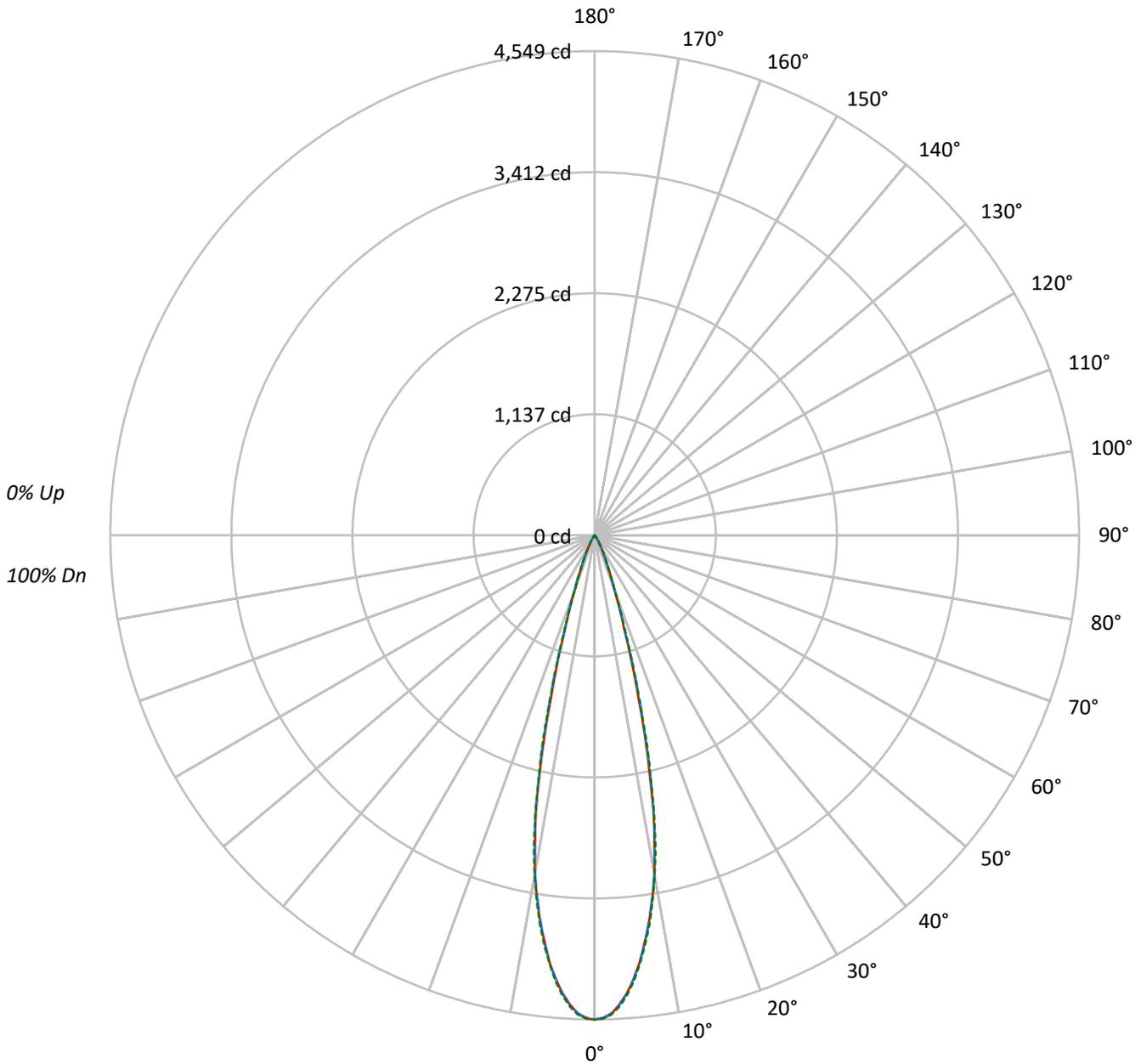
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 961.0 lumens
Efficiency: N/A
Efficacy: 86.6 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 (A_{in}): 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

TEST NUMBER: P1307825
CATALOG NUMBER: P3SQAS09R259030DE010 E3SQCD1MW

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270°



TEST NUMBER: P1307825

CATALOG NUMBER: P3SQAS09R259030DE010 E3SQCD1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	115	113	111	110	113	111	109	108	107	106	105	103	102	102	100	99	99	99	99	99	97
2	112	108	105	103	110	107	104	102	103	101	100	101	99	97	98	97	95	95	95	95	94
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93	93	93	93	91
4	105	100	96	93	104	99	96	93	97	94	92	95	93	91	94	92	90	90	90	90	89
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	91	89	87	87	87	87	86
6	100	94	90	87	98	93	89	87	92	88	86	90	88	86	89	87	85	85	85	85	84
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	83	83	83	82
8	95	88	84	82	94	88	84	82	87	84	81	86	83	81	85	83	81	81	81	81	80
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79	79	79	79	78
10	90	84	80	78	89	84	80	77	83	80	77	82	79	77	82	79	77	77	77	77	76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	783441	783441	783441
5°	723643	723384	727429
10°	565263	563724	567571
15°	284367	296260	295993
20°	97301	99995	98382
25°	39107	43972	40780
30°	15869	18932	15432
35°	4625	8305	4625
40°	2136	3620	2136
45°	706	1437	706
50°	402	589	402
55°	450	450	450
60°	517	517	517
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: 1437 cd/sqm



TEST NUMBER: P1307825

CATALOG NUMBER: P3SQAS09R259030DE010 E3SQCD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	369.0	38.4
10°-20°	451.7	47.0
20°-30°	110.4	11.5
30°-40°	22.8	2.4
40°-50°	4.0	0.4
50°-60°	1.4	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°	931.1	96.9
0°-40°	953.9	99.3
0°-60°	959.3	99.8
0°-90°	961.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	961.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4549	4549	4549	4549	4549	
5°	4186	4189	4184	4193	4208	369
15°	1595	1622	1662	1669	1660	445
25°	206	215	231	218	215	105
35°	22	31	40	30	22	19
45°	3	4	6	4	3	3
55°	2	2	2	2	2	1
65°	1	2	1	1	1	1
75°	1	1	1	1	1	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



TEST NUMBER: P1307825

CATALOG NUMBER: P3SQAS09R259030DE010 E3SQCD1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4549.0	4549.0	4549.0	4549.0	4549.0
1°	4540.2	4534.4	4532.9	4533.6	4540.9
2°	4499.2	4495.5	4494.8	4497.0	4507.3
3°	4415.7	4420.1	4421.6	4428.9	4434.0
4°	4313.2	4322.0	4318.3	4327.1	4333.0
5°	4185.8	4189.4	4184.3	4193.1	4207.7
6°	4037.1	4023.9	4036.4	4040.1	4050.3
7°	3851.9	3854.8	3859.2	3863.6	3879.0
8°	3669.5	3660.7	3658.5	3679.0	3691.5
9°	3456.4	3457.9	3449.8	3473.3	3476.9
10°	3232.3	3214.0	3223.5	3241.9	3245.5
11°	2936.5	2931.4	2945.3	2973.8	2996.5
12°	2659.0	2661.9	2676.5	2686.0	2680.9
13°	2292.1	2314.0	2332.3	2341.9	2329.4
14°	1960.3	1960.3	1983.8	1987.4	2032.1
15°	1594.9	1622.0	1661.6	1668.9	1660.1
17.5°	921.2	924.9	943.9	943.2	957.1
20°	530.9	536.0	545.6	543.4	536.8
22.5°	319.3	330.3	353.0	334.7	329.5
25°	205.8	215.3	231.4	218.2	214.6
27.5°	128.9	135.5	147.9	136.2	130.3
30°	79.8	83.5	95.2	84.2	77.6
32.5°	43.2	52.7	62.2	52.7	43.2
35°	22.0	30.8	39.5	30.0	22.0
37.5°	14.6	17.6	25.6	16.8	14.6
40°	9.5	11.7	16.1	11.7	9.5
42.5°	5.1	7.3	8.8	8.1	5.1
45°	2.9	4.4	5.9	4.4	2.9
47.5°	2.2	2.2	3.7	2.2	1.5
50°	1.5	1.5	2.2	1.5	1.5
52.5°	1.5	1.5	1.5	1.5	1.5
55°	1.5	1.5	1.5	1.5	1.5
57.5°	1.5	1.5	1.5	1.5	1.5
60°	1.5	1.5	1.5	1.5	1.5
62.5°	1.5	1.5	1.5	1.5	1.5
65°	0.7	1.5	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



TEST NUMBER: P1307825
CATALOG NUMBER: P3SQAS09R259030DE010 E3SQCD1MW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)