

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: P1314200

Luminaire Tested: P3SQAS09R259735DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314200
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: P3SQAS09R259735DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

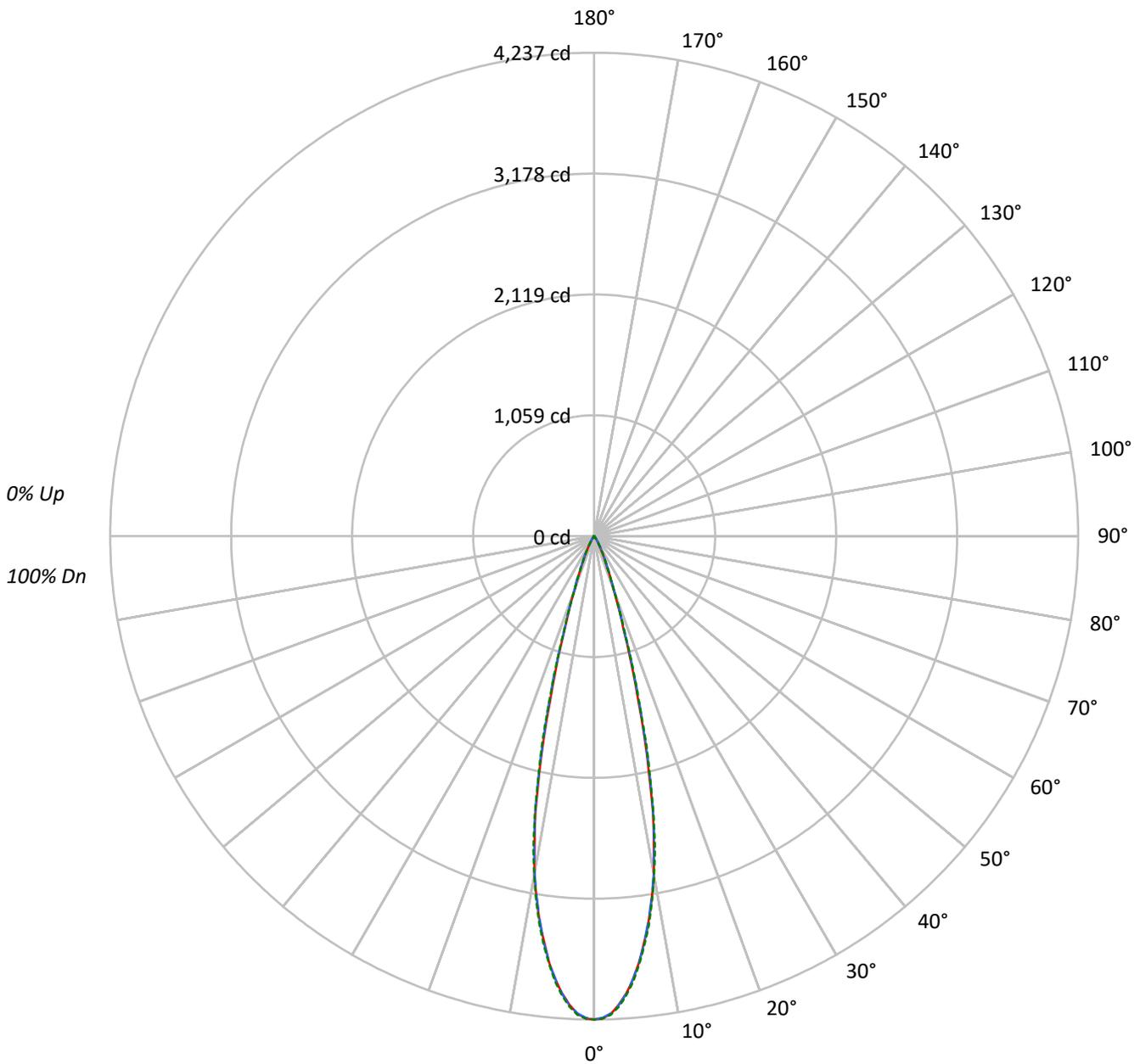
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 895.1 lumens
Efficiency: N/A
Efficacy: 80.6 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: P1314200
CATALOG NUMBER: P3SQAS09R259735DE010 E3SQCD1MW

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° ···· 90°-270°



TEST NUMBER: P1314200

CATALOG NUMBER: P3SQAS09R259735DE010 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	106	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	83	80	77	83	80	77	82	79	77	82	79	77	77	77	77	76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	729638	729638	729638
5°	673940	673698	677484
10°	526440	525023	528591
15°	264844	275916	275667
20°	90611	93122	91619
25°	36409	40951	37967
30°	14776	17639	14378
35°	4310	7737	4310
40°	2001	3372	2001
45°	658	1340	658
50°	375	536	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: 1340 cd/sqm



TEST NUMBER: P1314200

CATALOG NUMBER: P3SQAS09R259735DE010 E3SQCD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	343.7	38.4
10°-20°	420.7	47.0
20°-30°	102.8	11.5
30°-40°	21.2	2.4
40°-50°	3.7	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°	867.2	96.9
0°-40°	888.4	99.3
0°-60°	893.4	99.8
0°-90°	895.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	895.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4237	4237	4237	4237	4237	
5°	3898	3902	3897	3905	3919	343
15°	1485	1511	1548	1554	1546	415
25°	192	200	216	203	200	98
35°	20	29	37	28	20	17
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	0



TEST NUMBER: P1314200

CATALOG NUMBER: P3SQAS09R259735DE010 E3SQCD1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4236.6	4236.6	4236.6	4236.6	4236.6
1°	4228.4	4222.9	4221.6	4222.3	4229.1
2°	4190.2	4186.8	4186.1	4188.2	4197.7
3°	4112.5	4116.5	4117.9	4124.7	4129.5
4°	4017.0	4025.2	4021.7	4029.9	4035.4
5°	3898.3	3901.7	3896.9	3905.1	3918.8
6°	3759.9	3747.6	3759.2	3762.6	3772.1
7°	3587.3	3590.0	3594.1	3598.2	3612.6
8°	3417.5	3409.3	3407.3	3426.4	3438.0
9°	3219.0	3220.4	3212.9	3234.7	3238.1
10°	3010.3	2993.3	3002.2	3019.2	3022.6
11°	2734.8	2730.0	2743.0	2769.6	2790.7
12°	2476.3	2479.1	2492.7	2501.6	2496.8
13°	2134.7	2155.1	2172.2	2181.0	2169.4
14°	1825.7	1825.7	1847.5	1850.9	1892.5
15°	1485.4	1510.6	1547.5	1554.3	1546.1
17.5°	858.0	861.4	879.1	878.4	891.4
20°	494.4	499.2	508.1	506.0	499.9
22.5°	297.4	307.6	328.7	311.7	306.9
25°	191.6	200.5	215.5	203.2	199.8
27.5°	120.0	126.2	137.8	126.9	121.4
30°	74.3	77.7	88.7	78.4	72.3
32.5°	40.2	49.1	58.0	49.1	40.2
35°	20.5	28.6	36.8	28.0	20.5
37.5°	13.6	16.4	23.9	15.7	13.6
40°	8.9	10.9	15.0	10.9	8.9
42.5°	4.8	6.8	8.2	7.5	4.8
45°	2.7	4.1	5.5	4.1	2.7
47.5°	2.0	2.0	3.4	2.0	1.4
50°	1.4	1.4	2.0	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



TEST NUMBER: P1314200
CATALOG NUMBER: P3SQAS09R259735DE010 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)