

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: PORTFOLIO

Report Number: P1309094

Luminaire Tested: LDSQA3D09R359030DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309094
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R359030DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

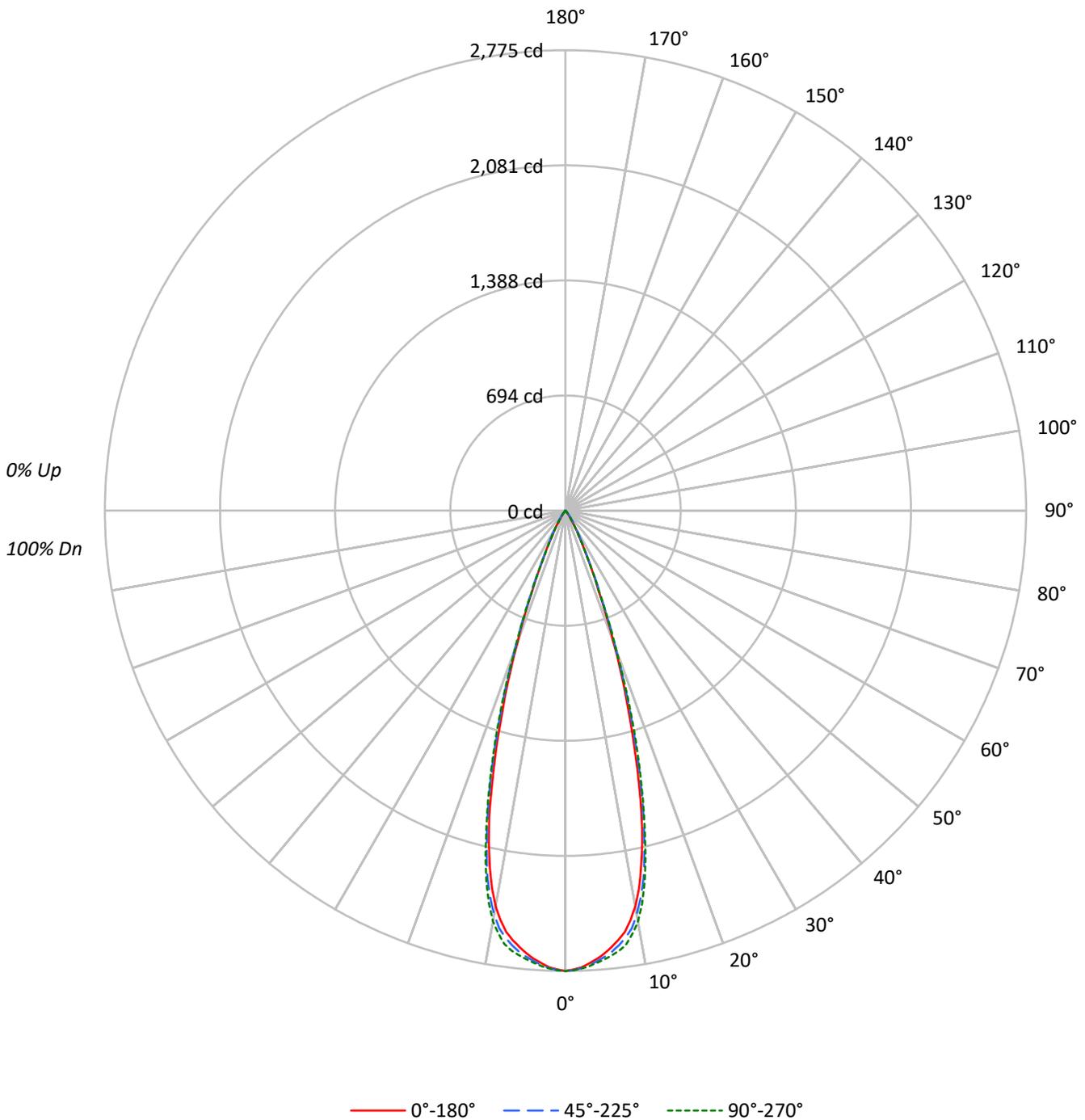
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 924.0 lumens
Efficiency: N/A
Efficacy: 83.2 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
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			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	109	113	111	109	107	107	105	104	103	102	101	100	99	98	98	98	98	96
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	94	94	94	93
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	91	91	91	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	87	87	87	86
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	84	84	84	83
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	82	82	82	80
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	79	79	79	78
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	76	76	76	75
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	74	74	74	73
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	72	72	72	71

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	477952	477952	477952
5°	463458	466743	469267
10°	423506	432459	439892
15°	304551	317870	320473
20°	155051	162840	163243
25°	58832	60086	58414
30°	22850	26489	22273
35°	7842	12299	7380
40°	2630	4766	2473
45°	170	1607	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: 1607 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	251.2	27.2
10°-20°	468.0	50.7
20°-30°	168.2	18.2
30°-40°	32.8	3.6
40°-50°	3.7	0.4
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°	887.5	96.0
0°-40°	920.3	99.6
0°-60°	924.0	100.0
0°-90°	924.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	924.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2775	2775	2775	2775	2775	
5°	2681	2688	2700	2712	2714	248
15°	1708	1737	1783	1795	1797	454
25°	310	312	316	314	307	162
35°	37	42	58	43	35	28
45°	1	2	7	2	1	2
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°	2775.2	2775.2	2775.2	2775.2	2775.2
1°	2767.1	2770.8	2771.5	2776.6	2770.8
2°	2755.4	2757.6	2760.5	2764.9	2762.0
3°	2732.7	2737.1	2743.7	2749.6	2749.6
4°	2708.6	2714.4	2722.5	2732.7	2732.0
5°	2680.8	2688.1	2699.8	2712.2	2714.4
6°	2645.6	2654.4	2673.4	2691.0	2693.9
7°	2608.3	2621.5	2639.8	2665.4	2672.0
8°	2564.4	2574.6	2601.0	2631.0	2638.3
9°	2500.0	2515.4	2549.0	2576.8	2581.2
10°	2421.7	2432.7	2472.9	2502.2	2515.4
11°	2320.7	2336.8	2376.3	2406.3	2415.1
12°	2191.9	2215.3	2261.4	2283.4	2290.7
13°	2052.8	2072.6	2108.5	2135.5	2141.4
14°	1896.2	1915.2	1952.6	1974.5	1969.4
15°	1708.1	1736.7	1782.8	1795.2	1797.4
17.5°	1261.7	1280.0	1321.0	1340.7	1354.7
20°	846.0	863.6	888.5	901.6	890.7
22.5°	514.5	529.1	542.3	541.6	537.9
25°	309.6	312.5	316.2	314.0	307.4
27.5°	180.8	188.8	199.8	192.5	181.5
30°	114.9	121.5	133.2	120.8	112.0
32.5°	60.7	76.8	89.3	72.5	63.7
35°	37.3	42.4	58.5	43.2	35.1
37.5°	22.7	26.3	36.6	25.6	20.5
40°	11.7	16.8	21.2	15.4	11.0
42.5°	3.7	8.1	11.7	7.3	3.7
45°	0.7	2.2	6.6	2.2	0.7
47.5°	0.0	0.0	2.9	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)