

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: P1319945

Luminaire Tested: LDSQA3D09R259840DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1319945
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: PORTFOLIO
Catalog Number: LDSQA3D09R259840DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 98CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

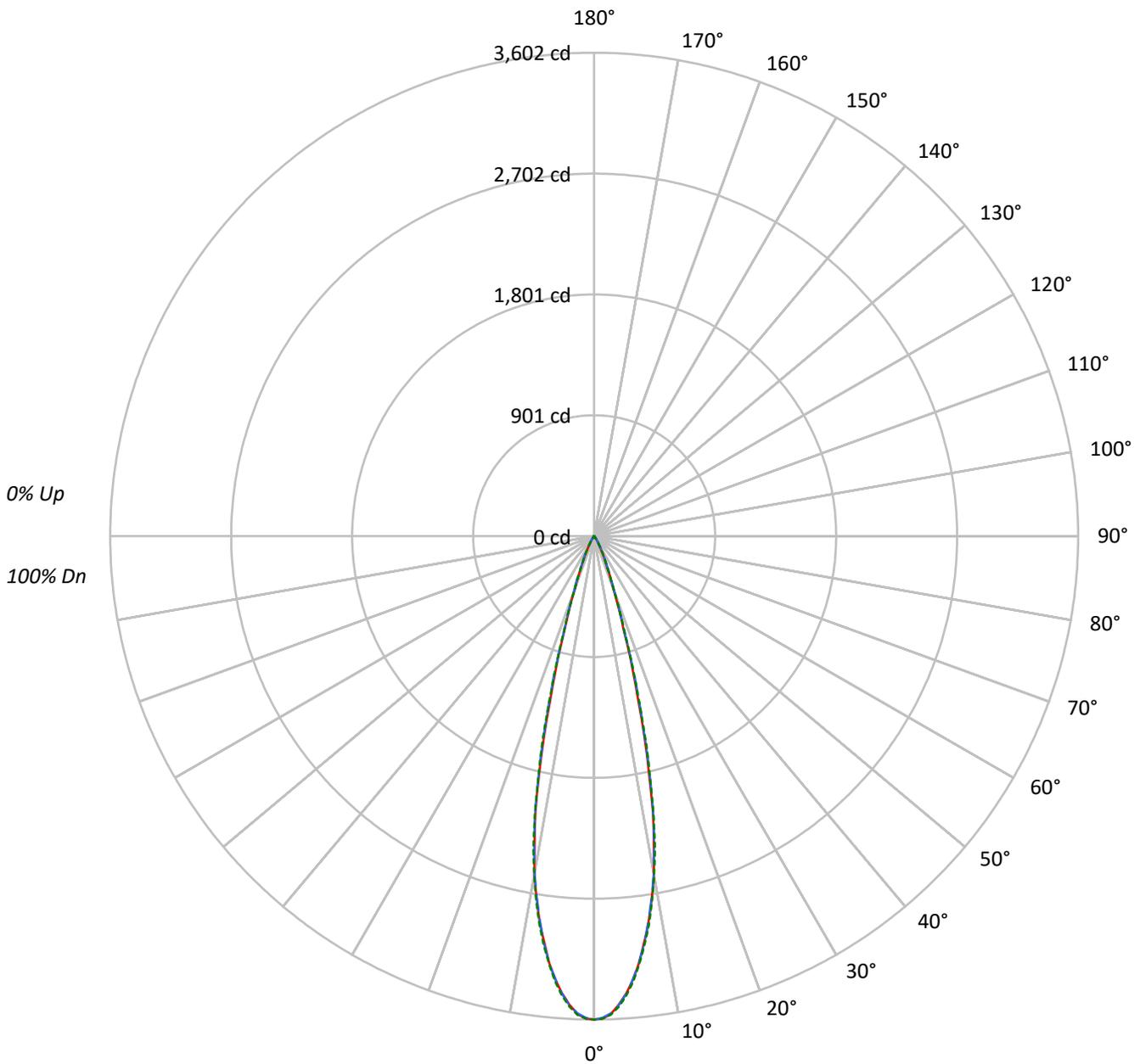
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 761.1 lumens
Efficiency: N/A
Efficacy: 69.2 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
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

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270°



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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	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°	620398	620398	620398
5°	573047	572840	576038
10°	447621	446415	449458
15°	225190	234605	234391
20°	77049	79175	77910
25°	30955	34813	32286
30°	12568	14994	12230
35°	3658	6581	3658
40°	1686	2878	1686
45°	560	1120	560
50°	322	455	322
55°	360	360	360
60°	413	413	413
65°	245	245	245
70°	302	302	302
75°	399	399	399
80°	0	595	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1120 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	292.2	38.4
10°-20°	357.7	47.0
20°-30°	87.4	11.5
30°-40°	18.1	2.4
40°-50°	3.2	0.4
50°-60°	1.1	0.1
60°-70°	0.9	0.1
70°-80°	0.6	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°	737.3	96.9
0°-40°	755.4	99.3
0°-60°	759.6	99.8
0°-90°	761.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	761.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3602	3602	3602	3602	3602	
5°	3315	3318	3314	3320	3332	292
15°	1263	1284	1316	1322	1315	353
25°	163	170	183	173	170	83
35°	17	24	31	24	17	15
45°	2	4	5	4	2	2
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



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3602.3	3602.3	3602.3	3602.3	3602.3
1°	3595.3	3590.7	3589.5	3590.1	3595.9
2°	3562.8	3559.9	3559.4	3561.1	3569.2
3°	3496.7	3500.2	3501.4	3507.2	3511.2
4°	3415.6	3422.5	3419.6	3426.6	3431.2
5°	3314.7	3317.6	3313.5	3320.4	3332.0
6°	3196.9	3186.5	3196.4	3199.3	3207.4
7°	3050.2	3052.5	3056.0	3059.5	3071.7
8°	2905.8	2898.9	2897.1	2913.4	2923.2
9°	2737.1	2738.2	2731.9	2750.4	2753.3
10°	2559.6	2545.1	2552.7	2567.2	2570.1
11°	2325.4	2321.3	2332.3	2354.9	2372.9
12°	2105.6	2107.9	2119.5	2127.0	2123.0
13°	1815.1	1832.5	1846.9	1854.5	1844.6
14°	1552.4	1552.4	1570.9	1573.8	1609.2
15°	1263.0	1284.5	1315.8	1321.6	1314.6
17.5°	729.5	732.4	747.5	746.9	757.9
20°	420.4	424.5	432.0	430.3	425.1
22.5°	252.8	261.5	279.5	265.0	261.0
25°	162.9	170.5	183.2	172.8	169.9
27.5°	102.1	107.3	117.1	107.9	103.2
30°	63.2	66.1	75.4	66.7	61.5
32.5°	34.2	41.8	49.3	41.8	34.2
35°	17.4	24.4	31.3	23.8	17.4
37.5°	11.6	13.9	20.3	13.3	11.6
40°	7.5	9.3	12.8	9.3	7.5
42.5°	4.1	5.8	7.0	6.4	4.1
45°	2.3	3.5	4.6	3.5	2.3
47.5°	1.7	1.7	2.9	1.7	1.2
50°	1.2	1.2	1.7	1.2	1.2
52.5°	1.2	1.2	1.2	1.2	1.2
55°	1.2	1.2	1.2	1.2	1.2
57.5°	1.2	1.2	1.2	1.2	1.2
60°	1.2	1.2	1.2	1.2	1.2
62.5°	1.2	1.2	1.2	1.2	1.2
65°	0.6	1.2	0.6	0.6	0.6
67.5°	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6
80°	0.0	0.0	0.6	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)