

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: P1326122

Luminaire Tested: LDSQA3D09R25W2N902750DE010 3LSQCDR1MMS_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326122
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R25W2N902750DE010 3LSQCDR1MMS_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

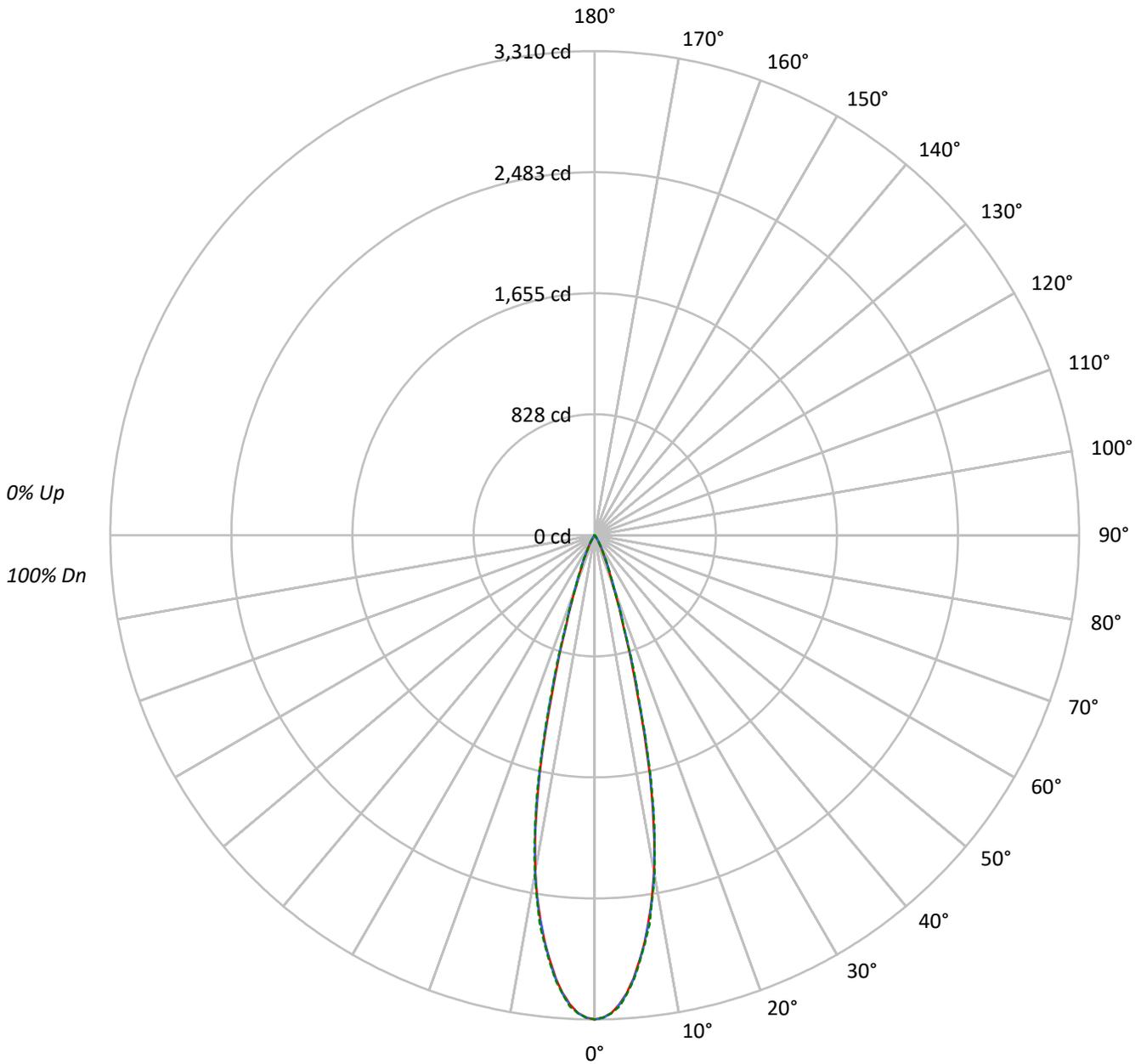
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 689.0 lumens
Efficiency: N/A
Efficacy: 76.6 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 9
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



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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	570074	570074	570074
5°	525643	526836	527925
10°	408134	409603	411824
15°	201691	210178	210267
20°	67904	72467	69260
25°	28124	31240	28922
30°	11037	13881	11136
35°	2880	5677	3007
40°	1079	2248	1079
45°	122	633	122
50°	0	134	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: 633 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	268.2	38.9
10°-20°	324.4	47.1
20°-30°	79.2	11.5
30°-40°	15.4	2.2
40°-50°	1.7	0.3
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°	671.8	97.5
0°-40°	687.3	99.7
0°-60°	689.0	100.0
0°-90°	689.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	689.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3310	3310	3310	3310	3310	
5°	3040	3045	3047	3061	3054	267
15°	1131	1158	1179	1190	1179	319
25°	148	156	164	158	152	75
35°	14	20	27	20	14	12
45°	0	2	3	2	0	1
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°	3310.1	3310.1	3310.1	3310.1	3310.1
1°	3297.4	3299.5	3300.0	3303.2	3296.9
2°	3267.3	3267.8	3269.4	3275.7	3269.9
3°	3211.7	3215.4	3216.0	3224.4	3226.0
4°	3136.2	3138.3	3142.5	3156.8	3144.1
5°	3040.5	3044.7	3047.4	3060.6	3053.7
6°	2922.1	2923.1	2929.0	2944.3	2934.8
7°	2801.6	2801.0	2801.6	2813.7	2811.1
8°	2656.2	2653.6	2662.0	2676.8	2686.9
9°	2504.5	2508.2	2513.5	2527.7	2516.1
10°	2333.8	2343.8	2342.2	2343.3	2354.9
11°	2137.1	2140.3	2140.8	2151.9	2150.3
12°	1906.1	1906.1	1923.6	1941.5	1935.7
13°	1673.0	1689.4	1677.8	1681.5	1704.7
14°	1401.3	1414.0	1429.9	1444.7	1433.0
15°	1131.2	1158.2	1178.8	1190.4	1179.3
17.5°	648.1	657.0	674.5	676.6	669.7
20°	370.5	381.6	395.4	391.2	377.9
22.5°	233.1	236.3	250.0	243.2	240.0
25°	148.0	155.9	164.4	157.5	152.2
27.5°	92.0	97.3	106.2	98.8	93.0
30°	55.5	60.3	69.8	59.7	56.0
32.5°	29.1	35.9	43.9	36.5	29.1
35°	13.7	19.6	27.0	19.6	14.3
37.5°	8.5	10.6	16.4	10.6	8.5
40°	4.8	6.9	10.0	6.9	4.8
42.5°	2.1	3.7	4.8	3.7	2.6
45°	0.5	1.6	2.6	1.6	0.5
47.5°	0.0	0.0	1.6	0.5	0.0
50°	0.0	0.0	0.5	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)