

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: P1326127

Luminaire Tested: LDSQA3D09R25W2N902750DE010 3LSQCDR1MW\_2700K

Issue Date: 1/29/2026

**Test Information**

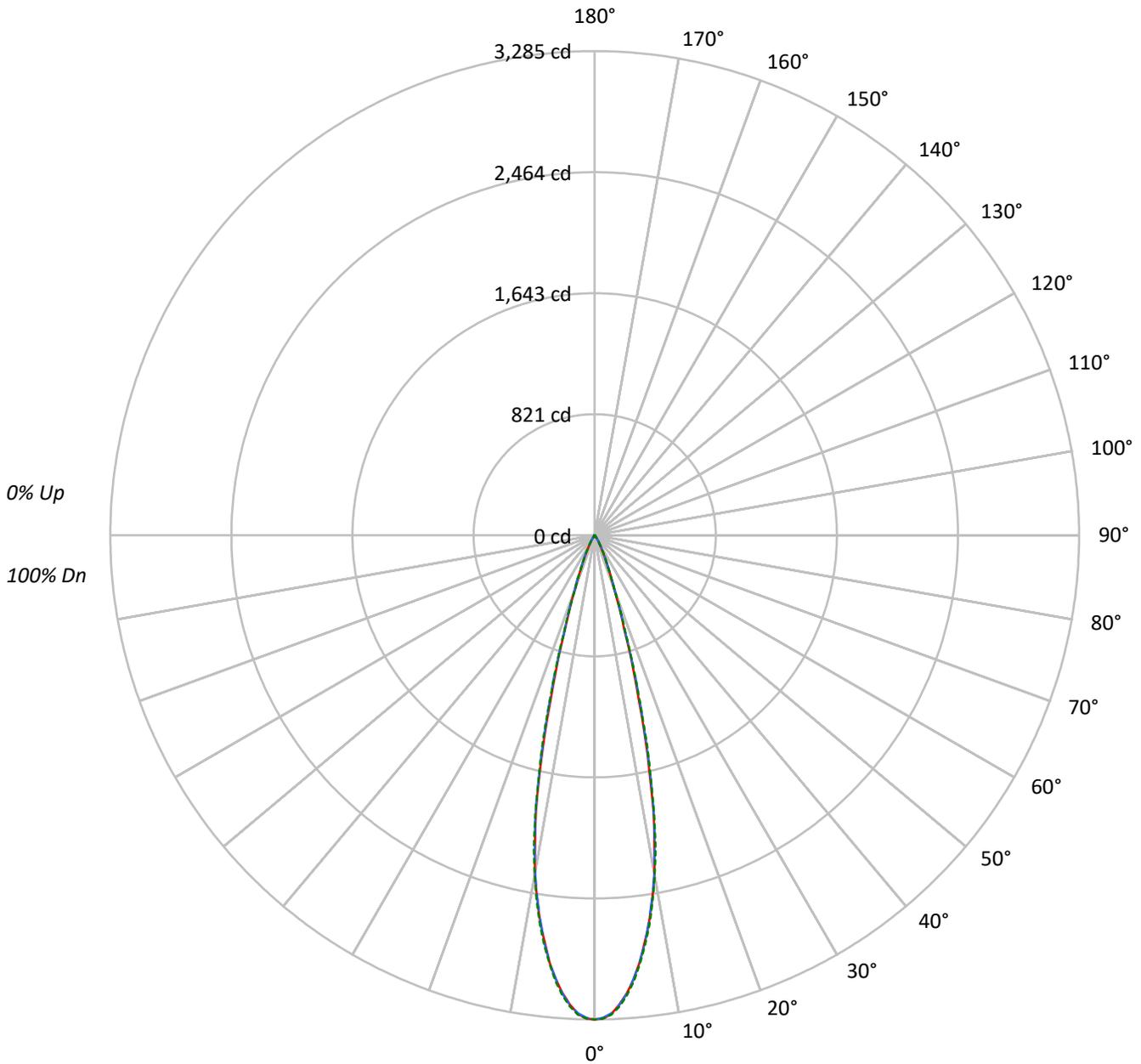
Test Method: LM-79-2019  
Report Number: P1326127  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D09R25W2N902750DE010 3LSQCDR1MW\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,  
3LSQCDR1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 694.0 lumens  
Efficiency: N/A  
Efficacy: 77.1 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): 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	109	108	107	106	105	103	102	102	100	99	99	97
2	112	108	105	103	110	107	104	102	103	101	100	101	99	97	98	97	95	94
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93	91
4	105	100	96	93	104	99	96	93	97	94	92	95	93	91	94	92	90	89
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	91	89	87	86
6	100	94	90	87	98	93	89	87	92	88	86	90	88	86	89	87	85	84
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	82
8	95	88	84	82	94	88	84	82	87	84	81	86	83	81	85	83	81	80
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79	78
10	90	84	80	78	89	84	80	77	83	80	77	82	79	77	82	79	77	76

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	565769	565769	565769
5°	522583	522410	525332
10°	408221	407102	409882
15°	205364	213940	213761
20°	70268	72211	71038
25°	28238	31753	29435
30°	11455	13662	11156
35°	3343	6013	3343
40°	1551	2608	1551
45°	511	1023	511
50°	295	429	295
55°	330	330	330
60°	379	379	379
65°	204	204	204
70°	252	252	252
75°	333	333	333
80°	0	496	0
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 1023 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	266.5	38.4
10°-20°	326.2	47.0
20°-30°	79.7	11.5
30°-40°	16.5	2.4
40°-50°	2.9	0.4
50°-60°	1.0	0.1
60°-70°	0.8	0.1
70°-80°	0.5	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°	672.4	96.9
0°-40°	688.9	99.3
0°-60°	692.8	99.8
0°-90°	694.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	694.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3285	3285	3285	3285	3285	
5°	3023	3026	3022	3028	3039	266
15°	1152	1171	1200	1205	1199	322
25°	149	156	167	158	155	76
35°	16	22	29	22	16	14
45°	2	3	4	3	2	2
55°	1	1	1	1	1	1
65°	0	1	0	0	0	1
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°	3285.1	3285.1	3285.1	3285.1	3285.1
1°	3278.8	3274.5	3273.5	3274.0	3279.3
2°	3249.2	3246.5	3246.0	3247.6	3255.0
3°	3188.9	3192.0	3193.1	3198.4	3202.1
4°	3114.8	3121.2	3118.5	3124.9	3129.1
5°	3022.8	3025.5	3021.8	3028.1	3038.7
6°	2915.5	2905.9	2914.9	2917.6	2925.0
7°	2781.7	2783.8	2787.0	2790.1	2801.2
8°	2650.0	2643.6	2642.1	2656.9	2665.9
9°	2496.1	2497.2	2491.3	2508.3	2510.9
10°	2334.3	2321.1	2327.9	2341.2	2343.8
11°	2120.6	2116.9	2127.0	2147.6	2164.0
12°	1920.2	1922.3	1932.9	1939.8	1936.1
13°	1655.3	1671.1	1684.3	1691.2	1682.2
14°	1415.7	1415.7	1432.6	1435.3	1467.5
15°	1151.8	1171.4	1199.9	1205.2	1198.9
17.5°	665.3	667.9	681.7	681.1	691.2
20°	383.4	387.1	394.0	392.4	387.6
22.5°	230.6	238.5	254.9	241.7	238.0
25°	148.6	155.5	167.1	157.6	154.9
27.5°	93.1	97.8	106.8	98.4	94.1
30°	57.6	60.3	68.7	60.8	56.1
32.5°	31.2	38.1	45.0	38.1	31.2
35°	15.9	22.2	28.6	21.7	15.9
37.5°	10.6	12.7	18.5	12.2	10.6
40°	6.9	8.5	11.6	8.5	6.9
42.5°	3.7	5.3	6.3	5.8	3.7
45°	2.1	3.2	4.2	3.2	2.1
47.5°	1.6	1.6	2.6	1.6	1.1
50°	1.1	1.1	1.6	1.1	1.1
52.5°	1.1	1.1	1.1	1.1	1.1
55°	1.1	1.1	1.1	1.1	1.1
57.5°	1.1	1.1	1.1	1.1	1.1
60°	1.1	1.1	1.1	1.1	1.1
62.5°	1.1	1.1	1.1	1.1	1.1
65°	0.5	1.1	0.5	0.5	0.5
67.5°	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5
80°	0.0	0.0	0.5	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)