

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: P1326218

Luminaire Tested: LDSQA3D09R25W2N902765DE010 3LSQCDR1MMS\_5000K

Issue Date: 1/29/2026

**Test Information**

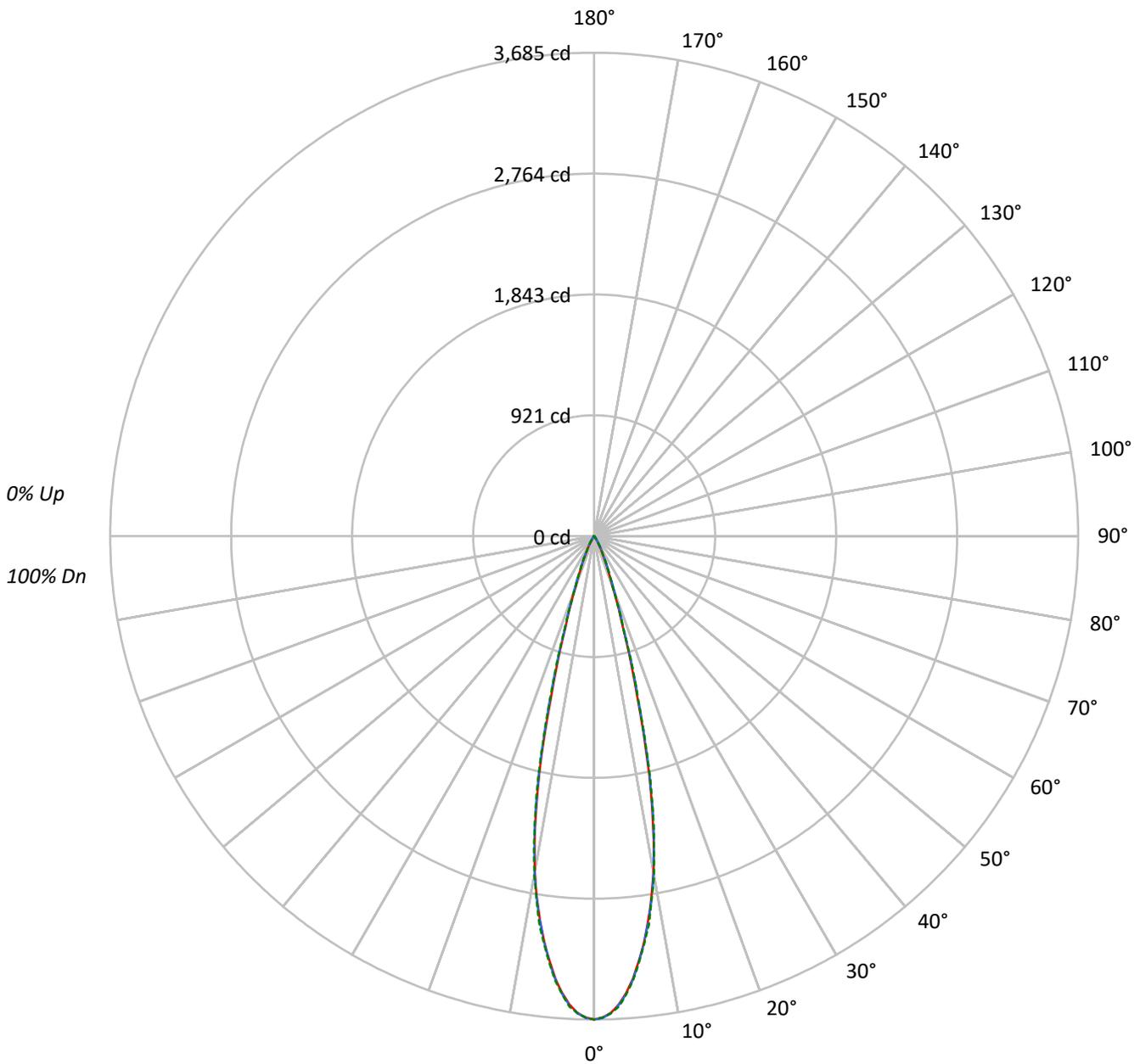
Test Method: LM-79-2019  
Report Number: P1326218  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D09R25W2N902765DE010 3LSQCDR1MMS\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,  
3LSQCDR1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 767.0 lumens  
Efficiency: N/A  
Efficacy: 85.2 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									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	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	99	99	97	97	97	97	97	97	97	97	97	97	100															
1	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	97	97	97	97	97	97	97	97	97	97	97	97	97	97															
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	94	94	94	94	94	94	94	94	94	94	94	94	94															
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92	92	92	92	92	92	92	92	92	92	92	92															
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	89	89	89	89	89	89	89	89	89	89	89	89	89															
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	87	87	87	87	87	87	87	87	87	87	87	87	87															
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	84	84	84	84	84	84	84	84	84	84	84	84	84	84															
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	82	82	82	82	82	82	82	82	82	82	82	82	82	82															
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	80	80	80	80	80	80	80	80	80	80	80	80	80	80															
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	78	78	78	78	78	78	78	78	78	78	78	78	78	78															
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	76	76	76	76	76	76	76	76	76	76	76	76	76	76															

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

	0°	45°	90°
0°	634606	634606	634606
5°	585149	586463	587690
10°	454319	455981	458446
15°	224531	233963	234070
20°	75601	80678	77104
25°	31316	34775	32210
30°	12290	15452	12409
35°	3217	6307	3343
40°	1192	2518	1192
45°	146	706	146
50°	0	161	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: 706 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	298.6	38.9
10°-20°	361.1	47.1
20°-30°	88.2	11.5
30°-40°	17.1	2.2
40°-50°	1.9	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°	747.9	97.5
0°-40°	765.0	99.7
0°-60°	767.0	100.0
0°-90°	767.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	767.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3685	3685	3685	3685	3685	
5°	3385	3389	3392	3407	3399	298
15°	1259	1289	1312	1325	1313	355
25°	165	174	183	175	170	84
35°	15	22	30	22	16	14
45°	1	2	3	2	1	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°	3684.8	3684.8	3684.8	3684.8	3684.8
1°	3670.7	3673.0	3673.6	3677.1	3670.1
2°	3637.1	3637.7	3639.5	3646.5	3640.1
3°	3575.3	3579.5	3580.1	3589.5	3591.2
4°	3491.2	3493.6	3498.3	3514.1	3500.0
5°	3384.7	3389.4	3392.3	3407.1	3399.4
6°	3252.9	3254.1	3260.5	3277.6	3267.0
7°	3118.7	3118.1	3118.7	3132.3	3129.3
8°	2956.9	2954.0	2963.4	2979.8	2991.0
9°	2788.0	2792.1	2798.0	2813.9	2801.0
10°	2597.9	2609.1	2607.4	2608.5	2621.5
11°	2379.1	2382.6	2383.2	2395.5	2393.8
12°	2121.9	2121.9	2141.3	2161.3	2154.9
13°	1862.4	1880.6	1867.7	1871.8	1897.7
14°	1559.9	1574.1	1591.7	1608.2	1595.3
15°	1259.3	1289.3	1312.2	1325.2	1312.8
17.5°	721.4	731.4	750.8	753.2	745.5
20°	412.5	424.9	440.2	435.4	420.7
22.5°	259.5	263.0	278.3	270.7	267.2
25°	164.8	173.6	183.0	175.4	169.5
27.5°	102.4	108.3	118.3	110.0	103.6
30°	61.8	67.1	77.7	66.5	62.4
32.5°	32.4	40.0	48.8	40.6	32.4
35°	15.3	21.8	30.0	21.8	15.9
37.5°	9.4	11.8	18.2	11.8	9.4
40°	5.3	7.6	11.2	7.6	5.3
42.5°	2.4	4.1	5.3	4.1	2.9
45°	0.6	1.8	2.9	1.8	0.6
47.5°	0.0	0.0	1.8	0.6	0.0
50°	0.0	0.0	0.6	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)