

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: P1326211

Luminaire Tested: LDSQA3D09R25W2N902765DE010 3LSQCDR1MB\_4000K

Issue Date: 1/29/2026

**Test Information**

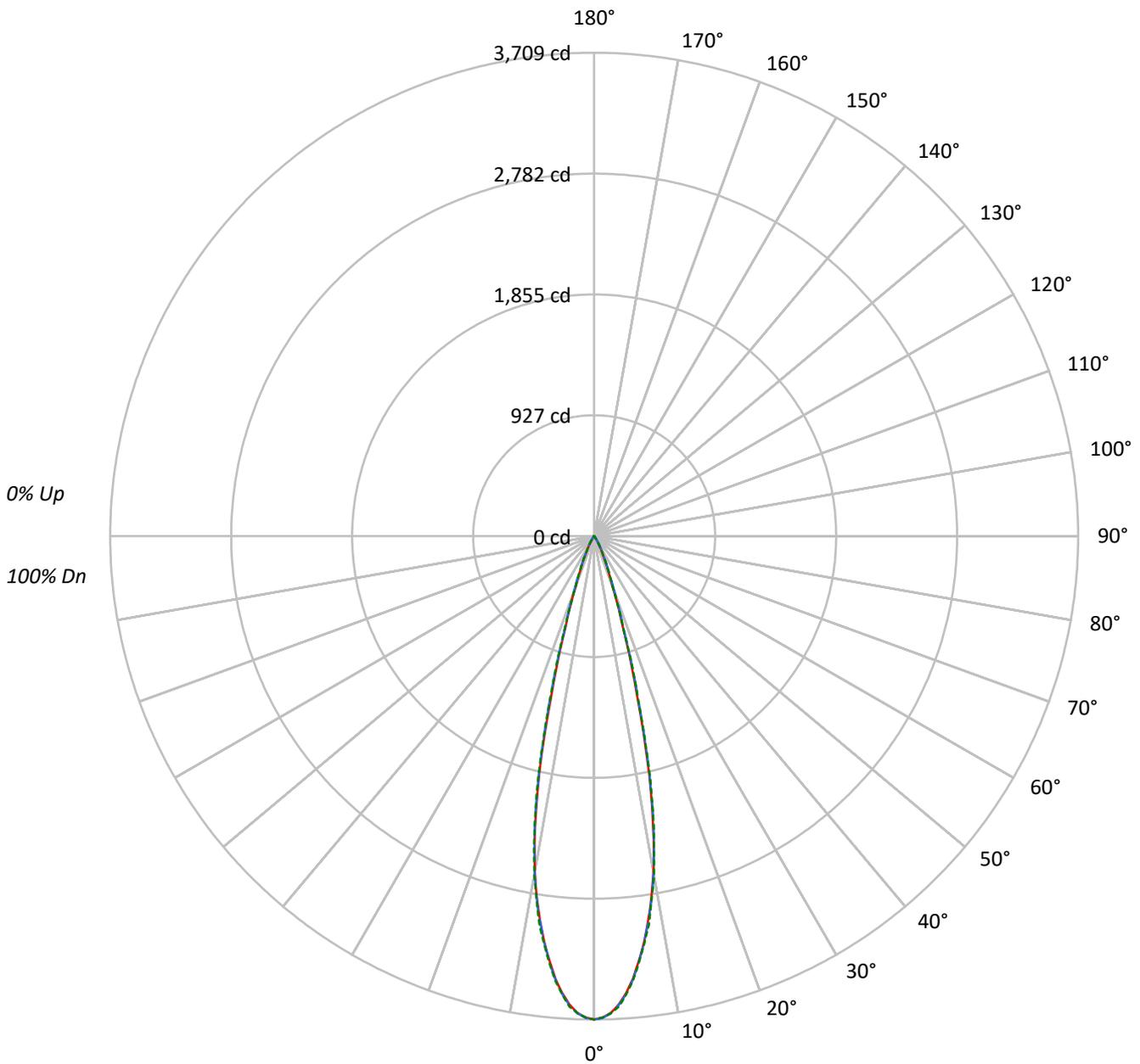
Test Method: LM-79-2019  
Report Number: P1326211  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D09R25W2N902765DE010 3LSQCDR1MB\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 4000K CCT AND, 90CRI ,  
3LSQCDR1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 772.0 lumens  
Efficiency: N/A  
Efficacy: 85.8 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	77	77	77	77	77	77	77	77	77	77	77	77	77	77															

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

	0°	45°	90°
0°	638739	638739	638739
5°	588969	590300	591528
10°	457292	458954	461437
15°	225993	235496	235603
20°	76096	81191	77617
25°	31506	35003	32419
30°	12369	15551	12489
35°	3238	6349	3364
40°	1192	2540	1192
45°	146	731	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: 731 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	300.5	38.9
10°-20°	363.5	47.1
20°-30°	88.7	11.5
30°-40°	17.3	2.2
40°-50°	2.0	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°	752.8	97.5
0°-40°	770.0	99.7
0°-60°	772.0	100.0
0°-90°	772.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	772.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3709	3709	3709	3709	3709	
5°	3407	3412	3414	3429	3422	300
15°	1268	1298	1321	1334	1321	357
25°	166	175	184	176	171	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°	3708.8	3708.8	3708.8	3708.8	3708.8
1°	3694.6	3697.0	3697.6	3701.1	3694.0
2°	3660.8	3661.4	3663.2	3670.3	3663.8
3°	3598.7	3602.8	3603.4	3612.9	3614.6
4°	3514.0	3516.3	3521.1	3537.1	3522.8
5°	3406.8	3411.5	3414.5	3429.3	3421.6
6°	3274.1	3275.3	3281.8	3299.0	3288.3
7°	3139.0	3138.5	3139.0	3152.7	3149.7
8°	2976.2	2973.2	2982.7	2999.3	3010.5
9°	2806.2	2810.3	2816.3	2832.2	2819.2
10°	2614.9	2626.1	2624.4	2625.5	2638.6
11°	2394.6	2398.1	2398.7	2411.1	2409.4
12°	2135.7	2135.7	2155.3	2175.4	2168.9
13°	1874.5	1892.9	1879.9	1884.0	1910.1
14°	1570.1	1584.3	1602.1	1618.7	1605.7
15°	1267.5	1297.7	1320.8	1333.8	1321.4
17.5°	726.1	736.2	755.7	758.1	750.4
20°	415.2	427.6	443.0	438.3	423.5
22.5°	261.2	264.7	280.1	272.4	268.9
25°	165.8	174.7	184.2	176.5	170.6
27.5°	103.1	109.0	119.0	110.8	104.2
30°	62.2	67.5	78.2	66.9	62.8
32.5°	32.6	40.3	49.2	40.9	32.6
35°	15.4	21.9	30.2	21.9	16.0
37.5°	9.5	11.8	18.4	11.8	9.5
40°	5.3	7.7	11.3	7.7	5.3
42.5°	2.4	4.1	5.3	4.1	3.0
45°	0.6	1.8	3.0	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)