

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: P1326221

Luminaire Tested: LDSQA3D09R25W2N902765DE010 3LSQCDR1MW\_3000K

Issue Date: 1/29/2026

**Test Information**

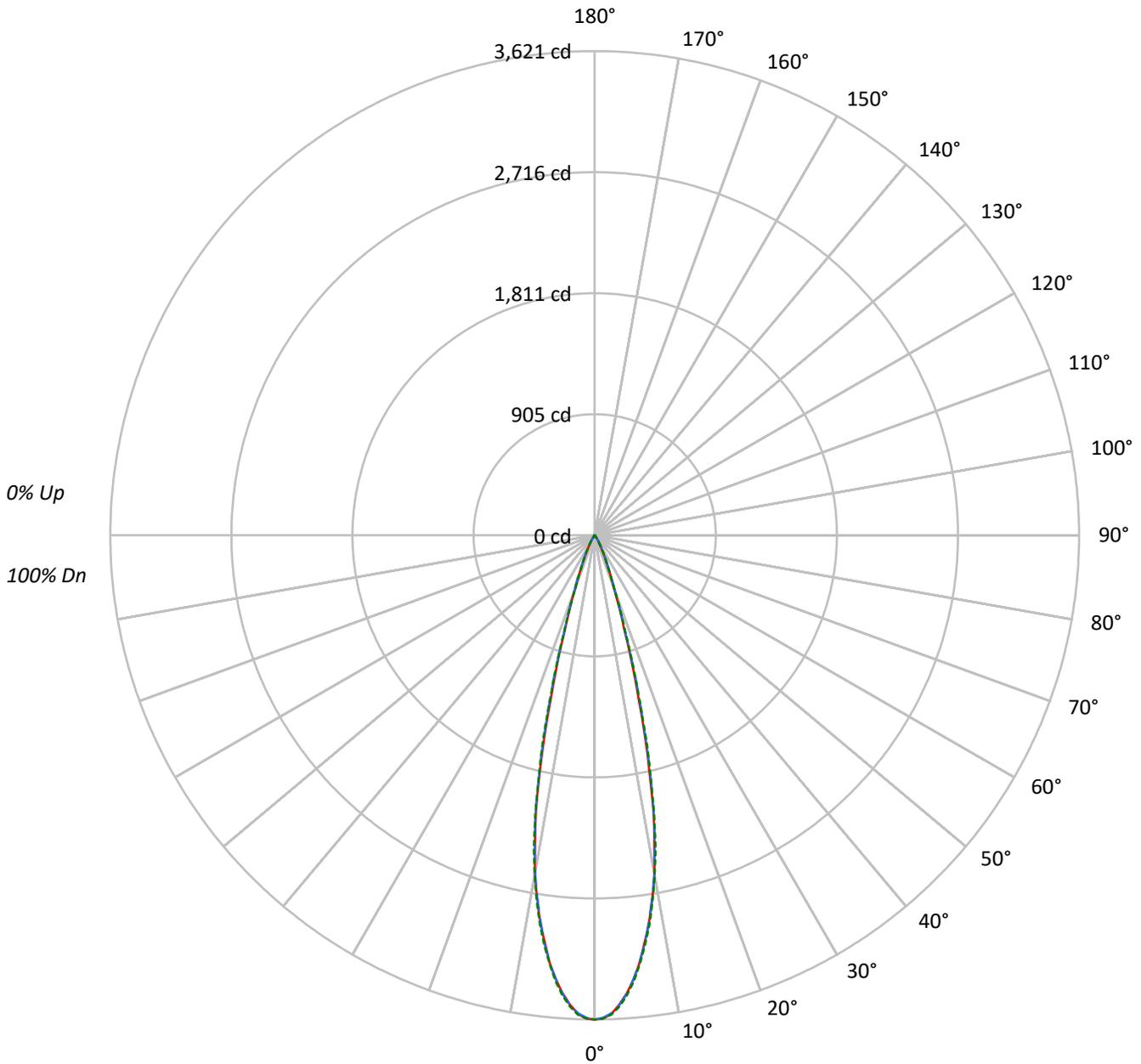
Test Method: LM-79-2019  
Report Number: P1326221  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D09R25W2N902765DE010 3LSQCDR1MW\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,  
3LSQCDR1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 765.1 lumens  
Efficiency: N/A  
Efficacy: 85.0 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									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	95	94	94	91	91	89	89	87	86															
1	115	113	111	110	113	111	109	108	107	106	105	103	102	102	100	99	99	97	97	95	94	91	91	89	89	87	86	84	84	82	81															
2	112	108	105	103	110	106	104	102	103	101	100	101	99	97	98	97	95	94	93	91	91	89	87	86	84	84	82	81	79	78	78															
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93	91	91	89	87	86	84	84	82	81	79	78	76	76	74															
4	105	100	96	93	104	99	96	93	97	94	92	95	93	91	94	92	90	89	87	85	85	83	82	81	79	78	76	74	72	71	70															
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	91	89	87	86	84	84	82	81	80	79	78	76	74	72	71	70	68															
6	100	94	90	87	98	93	89	87	92	88	86	90	88	86	89	87	85	84	82	82	80	79	78	76	74	72	71	70	68	66	65															
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	82	80	80	78	77	76	74	72	71	70	68	66	64	63															
8	95	88	84	82	94	88	84	82	87	84	81	86	83	81	85	83	81	80	78	78	76	75	74	72	71	70	68	66	64	62	61															
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79	78	76	76	74	73	72	71	70	68	66	64	62	60	59															
10	90	84	80	78	89	83	80	77	83	80	77	82	79	77	82	79	77	76	74	74	72	71	70	68	66	64	62	60	58	56	55															

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

	0°	45°	90°
0°	623653	623653	623653
5°	576055	575848	579081
10°	449982	448758	451819
15°	226367	235835	235621
20°	77452	79597	78314
25°	31126	35003	32457
30°	12628	15074	12290
35°	3679	6623	3679
40°	1709	2878	1709
45°	560	1145	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: 1145 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	293.8	38.4
10°-20°	359.6	47.0
20°-30°	87.8	11.5
30°-40°	18.2	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°	741.2	96.9
0°-40°	759.4	99.3
0°-60°	763.6	99.8
0°-90°	765.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	765.1	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3621	3621	3621	3621	3621	
5°	3332	3335	3331	3338	3350	294
15°	1270	1291	1323	1328	1322	354
25°	164	171	184	174	171	84
35°	18	24	32	24	18	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°	3621.2	3621.2	3621.2	3621.2	3621.2
1°	3614.2	3609.6	3608.4	3609.0	3614.8
2°	3581.6	3578.7	3578.1	3579.8	3588.0
3°	3515.1	3518.6	3519.8	3525.6	3529.7
4°	3433.5	3440.5	3437.6	3444.6	3449.2
5°	3332.1	3335.0	3330.9	3337.9	3349.6
6°	3213.7	3203.2	3213.2	3216.1	3224.2
7°	3066.3	3068.6	3072.1	3075.6	3087.8
8°	2921.1	2914.1	2912.4	2928.7	2938.6
9°	2751.5	2752.6	2746.2	2764.9	2767.8
10°	2573.1	2558.5	2566.1	2580.7	2583.6
11°	2337.6	2333.5	2344.6	2367.3	2385.4
12°	2116.6	2119.0	2130.6	2138.2	2134.1
13°	1824.6	1842.1	1856.7	1864.2	1854.3
14°	1560.5	1560.5	1579.2	1582.1	1617.7
15°	1269.6	1291.2	1322.7	1328.5	1321.5
17.5°	733.3	736.3	751.4	750.8	761.9
20°	422.6	426.7	434.3	432.5	427.3
22.5°	254.2	262.9	281.0	266.4	262.3
25°	163.8	171.4	184.2	173.7	170.8
27.5°	102.6	107.8	117.8	108.4	103.8
30°	63.5	66.5	75.8	67.0	61.8
32.5°	34.4	42.0	49.5	42.0	34.4
35°	17.5	24.5	31.5	23.9	17.5
37.5°	11.7	14.0	20.4	13.4	11.7
40°	7.6	9.3	12.8	9.3	7.6
42.5°	4.1	5.8	7.0	6.4	4.1
45°	2.3	3.5	4.7	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)