

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: P1326163

Luminaire Tested: LDSQA3D09R25W2N902750DE010 3LSQPHRLD1MW\_3000K

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1326163  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-18)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D09R25W2N902750DE010 3LSQPHRLD1MW\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,  
3LSQPHRLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

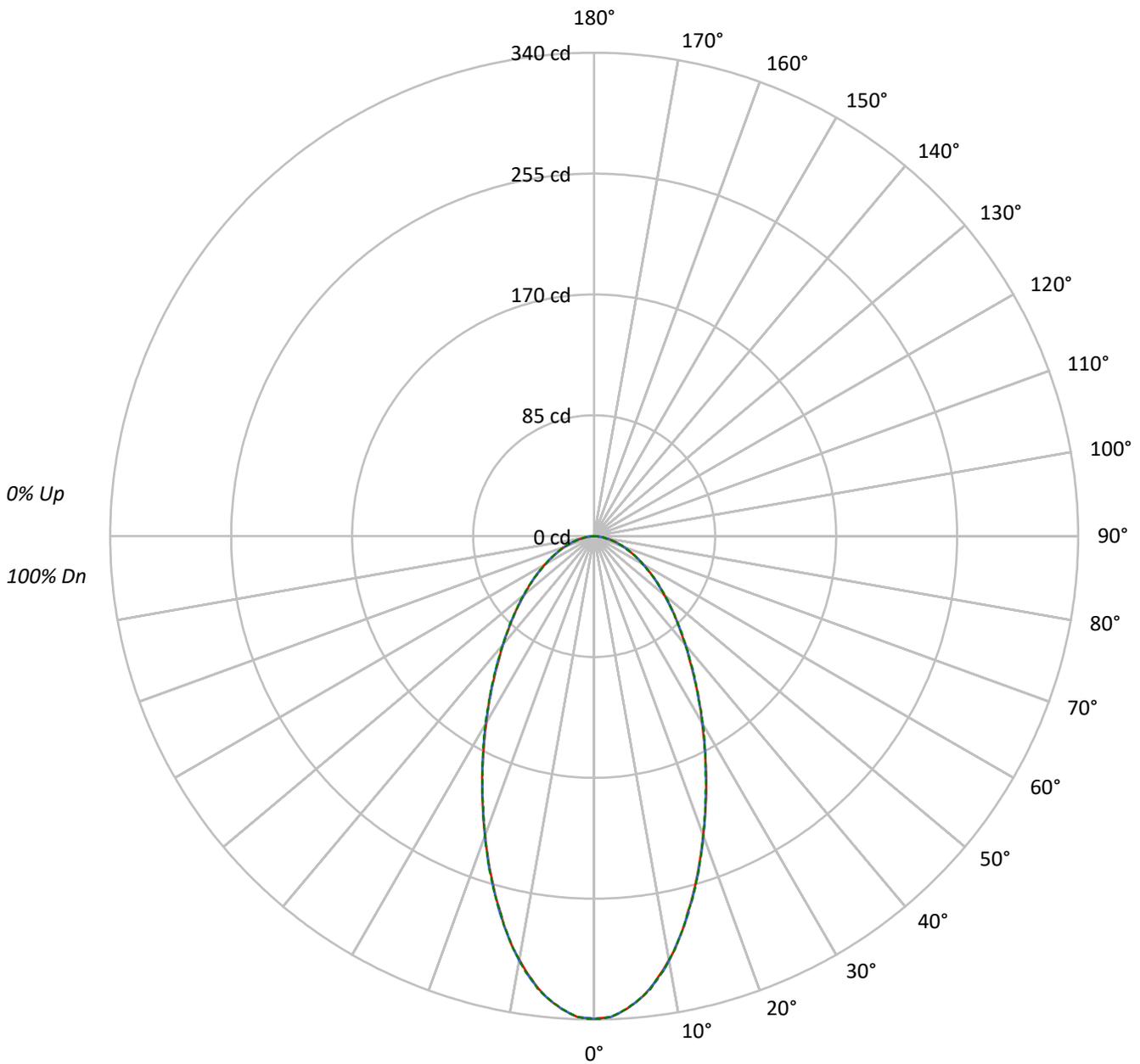
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 425.0 lumens  
Efficiency: N/A  
Efficacy: 47.2 lumens/watt  
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89  
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	111	107	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	77
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	68
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	61
5	83	72	64	58	81	71	64	58	69	62	58	67	61	57	65	60	56	55
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	49
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	45
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	38
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	35

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

	0°	45°	90°
0°	58470	58470	58470
5°	56964	56964	56964
10°	52936	53041	52936
15°	47213	47320	47320
20°	41054	41164	41054
25°	35364	35250	35250
30°	30168	30267	30387
35°	25881	25881	26007
40°	22415	22415	22415
45°	19607	19607	19607
50°	17201	17201	17335
55°	15403	15403	15403
60°	13674	13674	13674
65°	12348	12348	12348
70°	11179	10877	11179
75°	10114	9715	9715
80°	8133	8133	8133
85°	5730	5730	5730

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 19607 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	30.6	7.2
10°-20°	73.9	17.4
20°-30°	85.4	20.1
30°-40°	77.4	18.2
40°-50°	62.4	14.7
50°-60°	45.9	10.8
60°-70°	30.2	7.1
70°-80°	15.6	3.7
80°-90°	3.5	0.8
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°	189.9	44.7
0°-40°	267.3	62.9
0°-60°	375.6	88.4
0°-90°	425.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	425.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	340	340	340	340	340	
5°	330	331	330	330	330	31
15°	265	265	265	265	265	74
25°	186	186	186	186	186	85
35°	123	123	123	123	124	77
45°	80	80	80	80	80	62
55°	51	51	51	51	51	46
65°	30	30	30	30	30	30
75°	15	15	15	15	15	16
85°	3	3	3	3	3	4
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	339.5	339.5	339.5	339.5	339.5
1°	338.9	340.0	338.9	338.9	339.5
2°	338.3	338.9	338.3	338.3	338.3
3°	336.0	337.1	336.0	336.0	336.0
4°	333.0	334.2	333.0	333.0	333.0
5°	329.5	330.7	329.5	329.5	329.5
6°	325.5	326.0	325.5	325.5	325.5
7°	320.8	321.4	320.8	320.8	321.4
8°	315.0	315.5	315.5	315.0	315.0
9°	309.1	309.7	309.7	309.1	309.7
10°	302.7	303.3	303.3	302.7	302.7
11°	296.3	296.9	295.7	295.7	296.3
12°	288.7	289.3	288.7	288.7	288.7
13°	281.1	281.1	281.1	281.1	281.1
14°	272.4	273.6	273.6	273.0	272.4
15°	264.8	265.4	265.4	264.8	265.4
17.5°	244.4	245.6	245.0	245.0	245.0
20°	224.0	224.6	224.6	224.0	224.0
22.5°	204.7	204.1	204.1	204.1	204.1
25°	186.1	185.5	185.5	186.1	185.5
27.5°	168.0	168.6	168.6	168.0	168.6
30°	151.7	151.7	152.2	151.7	152.8
32.5°	137.1	137.1	136.5	137.1	137.1
35°	123.1	123.1	123.1	123.1	123.7
37.5°	110.2	110.8	111.4	111.4	110.8
40°	99.7	99.7	99.7	99.7	99.7
42.5°	89.2	89.2	89.8	89.8	89.8
45°	80.5	80.5	80.5	80.5	80.5
47.5°	72.3	72.3	71.7	71.7	72.3
50°	64.2	64.7	64.2	64.2	64.7
52.5°	57.7	57.2	57.2	57.7	57.7
55°	51.3	51.3	51.3	50.7	51.3
57.5°	45.5	45.5	44.9	44.9	44.9
60°	39.7	39.7	39.7	39.7	39.7
62.5°	35.0	35.0	35.0	35.0	35.0
65°	30.3	30.3	30.3	30.3	30.3
67.5°	26.2	26.2	26.2	26.2	25.7
70°	22.2	22.2	21.6	21.6	22.2
72.5°	18.1	18.1	18.1	18.1	18.1
75°	15.2	14.6	14.6	14.6	14.6
77.5°	11.7	11.7	11.1	11.7	11.1
80°	8.2	8.2	8.2	8.2	8.2
82.5°	5.8	5.2	5.2	5.2	5.2
85°	2.9	2.9	2.9	2.9	2.9
87.5°	0.6	0.6	0.6	0.6	1.2



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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)