

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: P1326171

Luminaire Tested: LDSQA3D09R25W2N902750DE010 3LSQPHRLP1MW\_5000K

Issue Date: 1/29/2026

**Test Information**

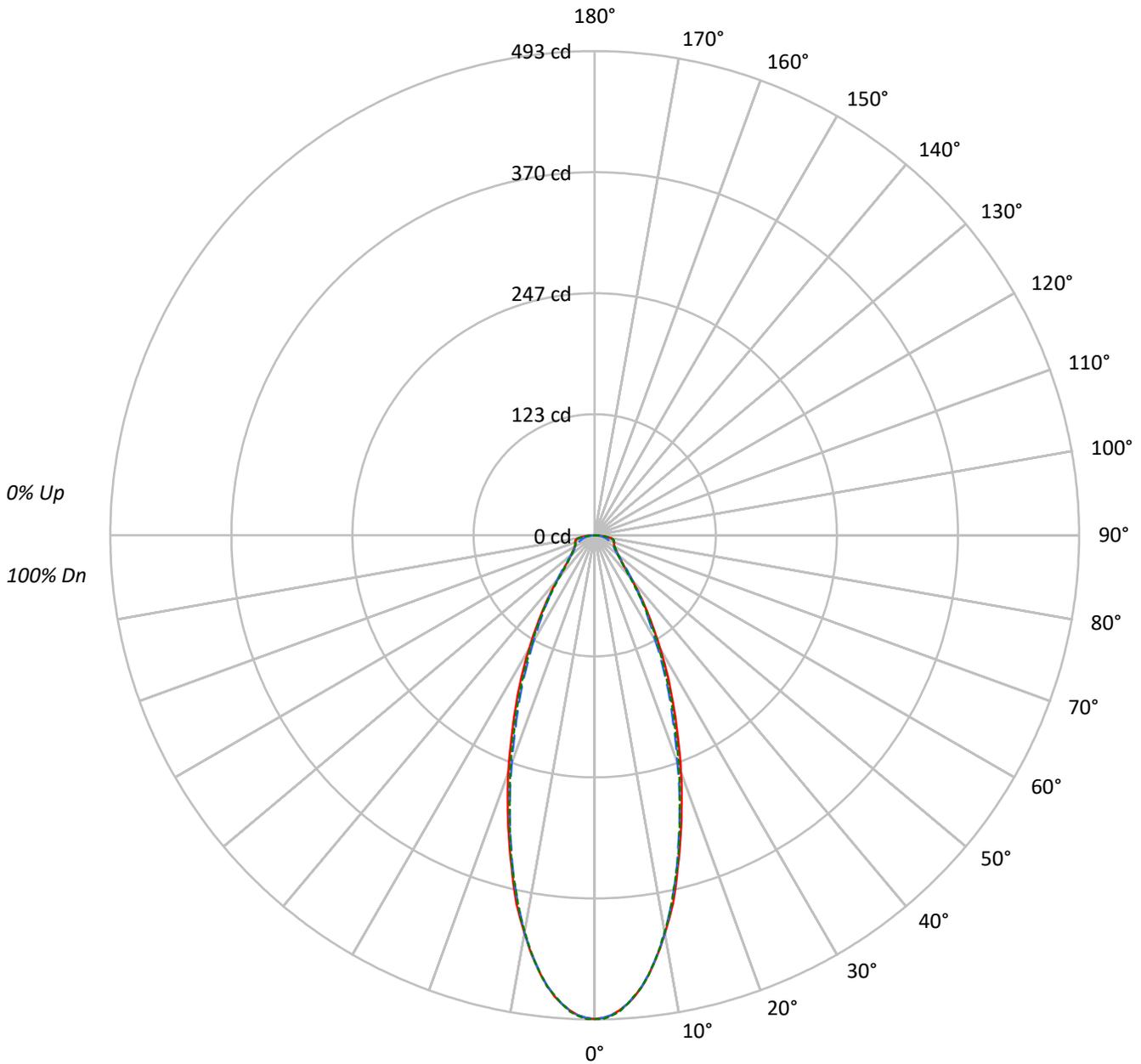
Test Method: LM-79-2019  
Report Number: P1326171  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D09R25W2N902750DE010 3LSQPHRLP1MW\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,  
3LSQPHRLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 372.0 lumens  
Efficiency: N/A  
Efficacy: 41.3 lumens/watt  
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68  
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	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89
2	104	98	92	88	102	96	91	87	93	89	85	89	86	83	87	84	81	80
3	98	90	83	78	95	88	82	78	85	80	76	83	79	75	80	77	74	72
4	92	83	76	71	90	81	75	70	79	74	69	77	72	69	75	71	68	66
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	63	61
6	82	72	65	60	80	71	64	59	69	63	59	68	62	59	66	62	58	56
7	78	67	60	55	76	66	60	55	65	59	55	64	58	55	62	58	54	53
8	74	63	56	52	72	62	56	52	61	55	51	60	55	51	59	54	51	49
9	70	60	53	49	69	59	53	48	58	52	48	57	52	48	56	51	48	46
10	67	56	50	46	66	56	50	46	55	49	46	54	49	45	53	49	45	44

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

	0°	45°	90°
0°	84837	84837	84837
5°	81392	81288	81288
10°	71945	71858	71648
15°	59427	58589	58892
20°	47083	45141	45892
25°	35858	33958	34851
30°	26409	24540	25594
35°	18901	18039	18291
40°	12950	13219	12545
45°	9596	10156	9450
50°	8359	8359	8199
55°	7927	7597	7927
60°	8094	7474	8094
65°	8843	7661	8843
70°	10675	7704	10373
75°	13308	8185	13308
80°	16860	8728	15769
85°	14030	8102	14030

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 16860 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	43.0	11.6
10°-20°	91.3	24.5
20°-30°	83.7	22.5
30°-40°	55.2	14.8
40°-50°	32.1	8.6
50°-60°	23.5	6.3
60°-70°	19.9	5.4
70°-80°	16.5	4.4
80°-90°	6.8	1.8
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°	218.0	58.6
0°-40°	273.2	73.4
0°-60°	328.8	88.4
0°-90°	372.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	372.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	493	493	493	493	493	
5°	471	470	470	471	470	43
15°	333	332	329	330	330	92
25°	189	183	179	179	183	87
35°	90	88	86	86	87	57
45°	39	41	42	39	39	32
55°	26	26	25	26	26	24
65°	22	20	19	20	22	22
75°	20	15	12	15	20	21
85°	7	8	4	8	7	8
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	492.6	492.6	492.6	492.6	492.6
1°	491.4	491.4	491.4	491.4	492.6
2°	489.0	488.4	489.0	489.0	489.6
3°	484.3	484.3	484.3	484.3	485.5
4°	478.4	478.4	478.4	478.4	478.4
5°	470.8	470.2	470.2	470.8	470.2
6°	461.4	461.4	461.4	461.4	462.0
7°	450.8	450.2	450.2	449.6	450.8
8°	438.5	438.5	437.9	437.3	438.5
9°	425.5	426.1	425.0	424.4	424.4
10°	411.4	410.9	410.9	410.9	409.7
11°	397.3	395.6	395.0	395.0	396.2
12°	383.2	380.3	379.1	379.1	379.1
13°	366.2	365.0	363.2	362.1	362.7
14°	349.1	349.1	346.2	346.2	347.4
15°	333.3	332.1	328.6	329.7	330.3
17.5°	293.9	291.5	287.4	287.4	288.0
20°	256.9	252.7	246.3	249.2	250.4
22.5°	220.4	216.3	209.8	212.8	214.0
25°	188.7	183.4	178.7	179.3	183.4
27.5°	159.9	154.0	149.3	151.1	153.4
30°	132.8	129.3	123.4	126.4	128.7
32.5°	109.9	107.0	102.9	104.6	107.0
35°	89.9	88.2	85.8	85.8	87.0
37.5°	72.9	72.3	71.1	70.5	69.9
40°	57.6	58.8	58.8	57.6	55.8
42.5°	47.0	48.2	49.4	47.0	45.3
45°	39.4	40.6	41.7	39.4	38.8
47.5°	34.7	35.3	35.9	34.7	34.1
50°	31.2	31.2	31.2	30.6	30.6
52.5°	28.8	28.2	27.6	28.2	28.2
55°	26.4	26.4	25.3	25.9	26.4
57.5°	24.7	24.1	23.5	24.1	24.7
60°	23.5	22.3	21.7	22.3	23.5
62.5°	22.3	21.2	20.0	21.2	22.3
65°	21.7	20.0	18.8	20.0	21.7
67.5°	21.2	18.8	17.0	18.8	21.2
70°	21.2	17.6	15.3	17.6	20.6
72.5°	20.6	16.5	14.1	16.5	20.6
75°	20.0	15.3	12.3	15.3	20.0
77.5°	19.4	14.1	10.6	14.1	18.8
80°	17.0	12.9	8.8	12.9	15.9
82.5°	12.3	10.6	7.1	10.6	11.8
85°	7.1	7.6	4.1	7.6	7.1
87.5°	1.2	1.8	1.2	2.9	2.4



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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)