

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: P1326168

Luminaire Tested: LDSQA3D09R25W2N902750DE010 3LSQPHRLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326168
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_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

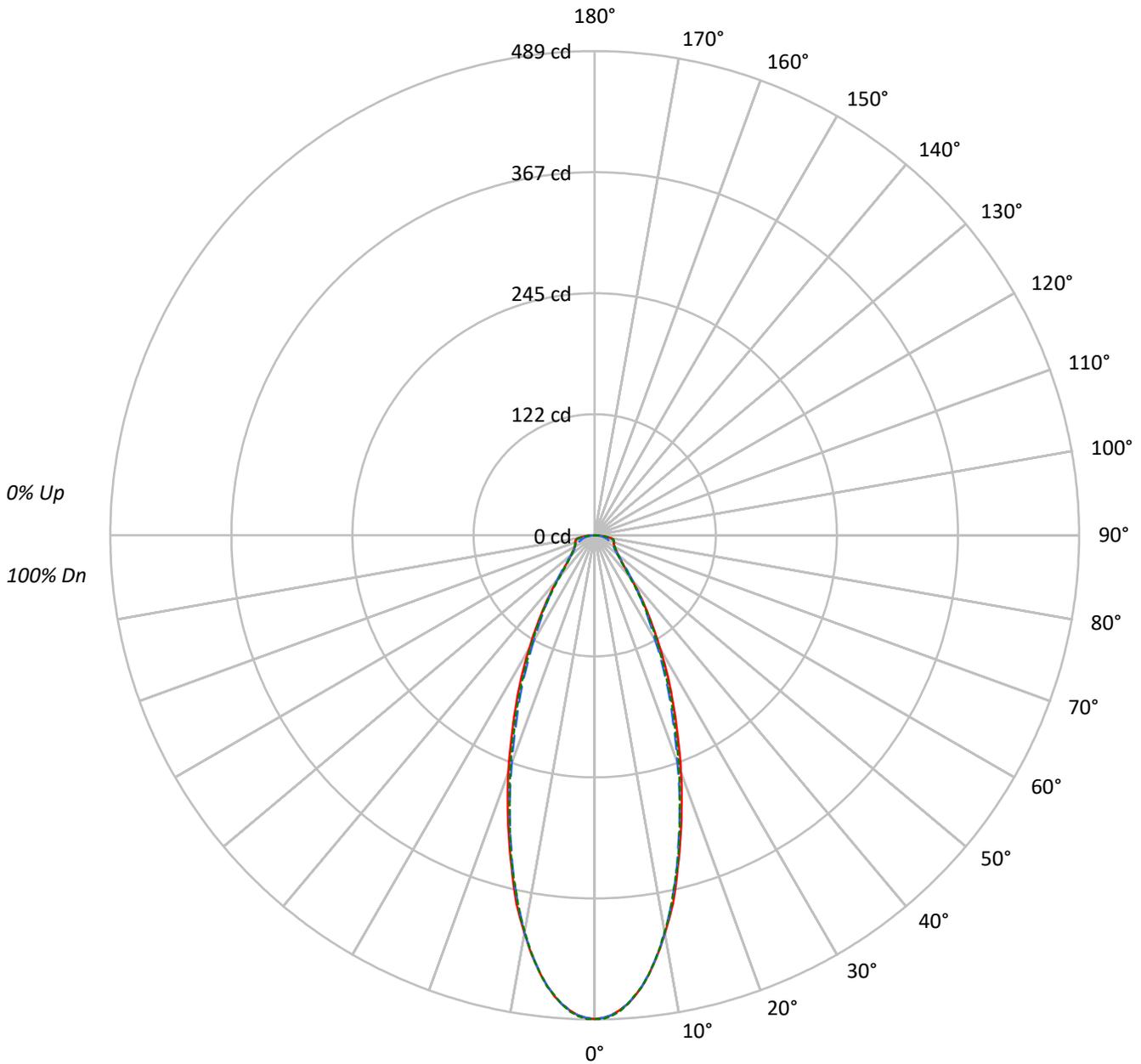
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 369.0 lumens
Efficiency: N/A
Efficacy: 41.0 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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	91	91	91	89
2	104	98	92	88	102	96	91	87	93	89	85	89	86	83	87	84	81	81	81	81	80
3	98	90	83	78	95	88	82	78	85	80	76	83	79	75	80	77	74	74	74	74	72
4	92	83	76	71	90	81	75	70	79	74	69	77	72	69	75	71	68	68	68	68	66
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	63	63	63	63	61
6	82	72	65	60	80	71	64	59	69	63	59	68	62	59	66	62	58	58	58	58	56
7	78	67	60	55	76	66	60	55	65	59	55	64	58	55	62	58	54	54	54	54	53
8	74	63	56	52	72	62	56	52	61	55	51	60	55	51	59	54	51	51	51	51	49
9	70	60	53	49	69	59	53	48	58	52	48	57	52	48	56	51	48	48	48	48	46
10	67	56	50	46	66	56	50	46	55	49	46	54	49	45	53	49	45	45	45	45	44

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	84148	84148	84148
5°	80735	80631	80631
10°	71368	71263	71071
15°	58945	58107	58428
20°	46699	44774	45526
25°	35573	33673	34566
30°	26210	24341	25395
35°	18754	17892	18144
40°	12837	13107	12455
45°	9523	10083	9377
50°	8279	8279	8118
55°	7867	7537	7867
60°	8026	7440	8026
65°	8802	7621	8802
70°	10574	7654	10272
75°	13175	8118	13175
80°	16761	8629	15571
85°	13832	8102	13832

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 16761 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.6	11.6
10°-20°	90.6	24.5
20°-30°	83.0	22.5
30°-40°	54.7	14.8
40°-50°	31.9	8.6
50°-60°	23.3	6.3
60°-70°	19.8	5.4
70°-80°	16.4	4.4
80°-90°	6.7	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°	216.2	58.6
0°-40°	271.0	73.4
0°-60°	326.1	88.4
0°-90°	369.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	369.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	489	489	489	489	489	
5°	467	466	466	467	466	43
15°	331	329	326	327	328	92
25°	187	182	177	178	182	86
35°	89	88	85	85	86	56
45°	39	40	41	39	38	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°	488.6	488.6	488.6	488.6	488.6
1°	487.4	487.4	487.4	487.4	488.6
2°	485.1	484.5	485.1	485.1	485.7
3°	480.4	480.4	480.4	480.4	481.6
4°	474.6	474.6	474.6	474.6	474.6
5°	467.0	466.4	466.4	467.0	466.4
6°	457.7	457.7	457.7	457.7	458.3
7°	447.2	446.6	446.6	446.0	447.2
8°	434.9	434.9	434.4	433.8	434.9
9°	422.1	422.7	421.5	421.0	421.0
10°	408.1	407.5	407.5	407.5	406.4
11°	394.1	392.4	391.8	391.8	393.0
12°	380.1	377.2	376.1	376.1	376.1
13°	363.2	362.1	360.3	359.1	359.7
14°	346.3	346.3	343.4	343.4	344.6
15°	330.6	329.4	325.9	327.1	327.7
17.5°	291.5	289.2	285.1	285.1	285.7
20°	254.8	250.7	244.3	247.2	248.4
22.5°	218.6	214.6	208.1	211.1	212.2
25°	187.2	181.9	177.2	177.8	181.9
27.5°	158.6	152.8	148.1	149.8	152.2
30°	131.8	128.3	122.4	125.4	127.7
32.5°	109.0	106.1	102.0	103.8	106.1
35°	89.2	87.5	85.1	85.1	86.3
37.5°	72.3	71.7	70.5	70.0	69.4
40°	57.1	58.3	58.3	57.1	55.4
42.5°	46.6	47.8	49.0	46.6	44.9
45°	39.1	40.2	41.4	39.1	38.5
47.5°	34.4	35.0	35.6	34.4	33.8
50°	30.9	30.9	30.9	30.3	30.3
52.5°	28.6	28.0	27.4	28.0	28.0
55°	26.2	26.2	25.1	25.7	26.2
57.5°	24.5	23.9	23.3	23.9	24.5
60°	23.3	22.2	21.6	22.2	23.3
62.5°	22.2	21.0	19.8	21.0	22.2
65°	21.6	19.8	18.7	19.8	21.6
67.5°	21.0	18.7	16.9	18.7	21.0
70°	21.0	17.5	15.2	17.5	20.4
72.5°	20.4	16.3	14.0	16.3	20.4
75°	19.8	15.2	12.2	15.2	19.8
77.5°	19.2	14.0	10.5	14.0	18.7
80°	16.9	12.8	8.7	12.8	15.7
82.5°	12.2	10.5	7.0	10.5	11.7
85°	7.0	7.6	4.1	7.6	7.0
87.5°	1.2	1.7	1.2	2.9	2.3



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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)