

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: P1326162

Luminaire Tested: LDSQA3D09R25W2N902750DE010 3LSQPHRLD1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326162
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_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

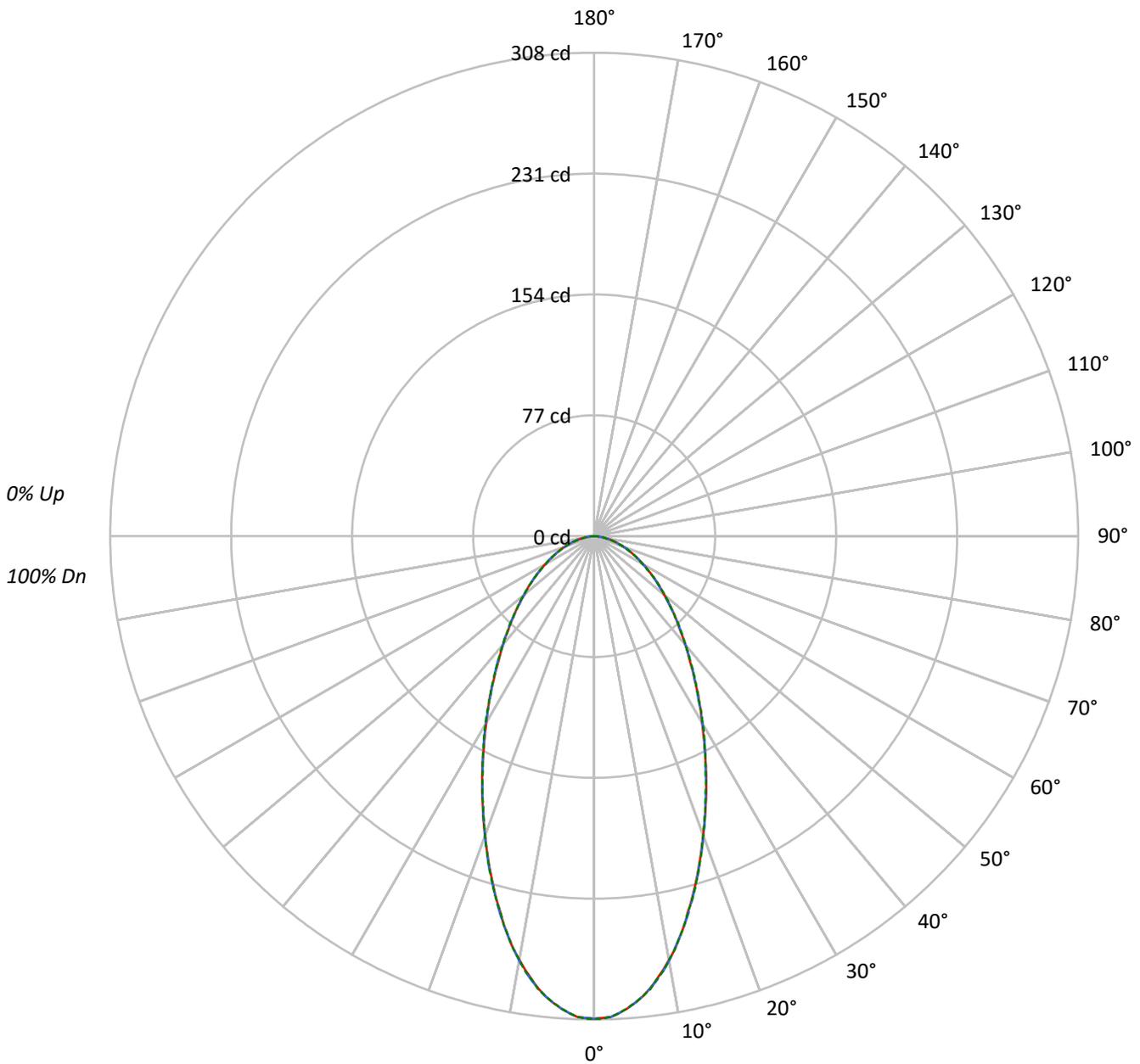
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 385.0 lumens
Efficiency: N/A
Efficacy: 42.8 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°	52958	52958	52958
5°	51605	51605	51605
10°	47952	48057	47952
15°	42774	42863	42863
20°	37187	37278	37187
25°	32038	31924	31924
30°	27324	27424	27523
35°	23442	23442	23547
40°	20324	20324	20324
45°	17755	17755	17755
50°	15567	15567	15701
55°	13962	13962	13962
60°	12366	12366	12366
65°	11207	11207	11207
70°	10121	9819	10121
75°	9116	8784	8784
80°	7339	7339	7339
85°	5138	5138	5138

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 17755 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.7	7.2
10°-20°	66.9	17.4
20°-30°	77.4	20.1
30°-40°	70.1	18.2
40°-50°	56.5	14.7
50°-60°	41.6	10.8
60°-70°	27.4	7.1
70°-80°	14.1	3.7
80°-90°	3.2	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°	172.0	44.7
0°-40°	242.1	62.9
0°-60°	340.3	88.4
0°-90°	385.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	385.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	308	308	308	308	308	
5°	298	300	298	298	298	28
15°	240	240	240	240	240	67
25°	169	168	168	169	168	77
35°	112	112	112	112	112	70
45°	73	73	73	73	73	56
55°	46	46	46	46	46	42
65°	28	28	28	28	28	27
75°	14	13	13	13	13	14
85°	3	3	3	3	3	3
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	307.5	307.5	307.5	307.5	307.5
1°	307.0	308.0	307.0	307.0	307.5
2°	306.5	307.0	306.5	306.5	306.5
3°	304.3	305.4	304.3	304.3	304.3
4°	301.7	302.8	301.7	301.7	301.7
5°	298.5	299.6	298.5	298.5	298.5
6°	294.8	295.4	294.8	294.8	294.8
7°	290.6	291.1	290.6	290.6	291.1
8°	285.3	285.9	285.9	285.3	285.3
9°	280.0	280.6	280.6	280.0	280.6
10°	274.2	274.8	274.8	274.2	274.2
11°	268.4	268.9	267.9	267.9	268.4
12°	261.5	262.1	261.5	261.5	261.5
13°	254.7	254.7	254.7	254.7	254.7
14°	246.8	247.8	247.8	247.3	246.8
15°	239.9	240.4	240.4	239.9	240.4
17.5°	221.4	222.4	221.9	221.9	221.9
20°	202.9	203.4	203.4	202.9	202.9
22.5°	185.5	184.9	184.9	184.9	184.9
25°	168.6	168.0	168.0	168.6	168.0
27.5°	152.2	152.7	152.7	152.2	152.7
30°	137.4	137.4	137.9	137.4	138.4
32.5°	124.2	124.2	123.6	124.2	124.2
35°	111.5	111.5	111.5	111.5	112.0
37.5°	99.9	100.4	100.9	100.9	100.4
40°	90.4	90.4	90.4	90.4	90.4
42.5°	80.8	80.8	81.4	81.4	81.4
45°	72.9	72.9	72.9	72.9	72.9
47.5°	65.5	65.5	65.0	65.0	65.5
50°	58.1	58.6	58.1	58.1	58.6
52.5°	52.3	51.8	51.8	52.3	52.3
55°	46.5	46.5	46.5	46.0	46.5
57.5°	41.2	41.2	40.7	40.7	40.7
60°	35.9	35.9	35.9	35.9	35.9
62.5°	31.7	31.7	31.7	31.7	31.7
65°	27.5	27.5	27.5	27.5	27.5
67.5°	23.8	23.8	23.8	23.8	23.2
70°	20.1	20.1	19.5	19.5	20.1
72.5°	16.4	16.4	16.4	16.4	16.4
75°	13.7	13.2	13.2	13.2	13.2
77.5°	10.6	10.6	10.0	10.6	10.0
80°	7.4	7.4	7.4	7.4	7.4
82.5°	5.3	4.8	4.8	4.8	4.8
85°	2.6	2.6	2.6	2.6	2.6
87.5°	0.5	0.5	0.5	0.5	1.1



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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)