

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: P1327768

Luminaire Tested: LDSQA3D13R25W2N902750DE010 3LSQPHRLD1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327768
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: LDSQA3D13R25W2N902750DE010 3LSQPHRLD1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

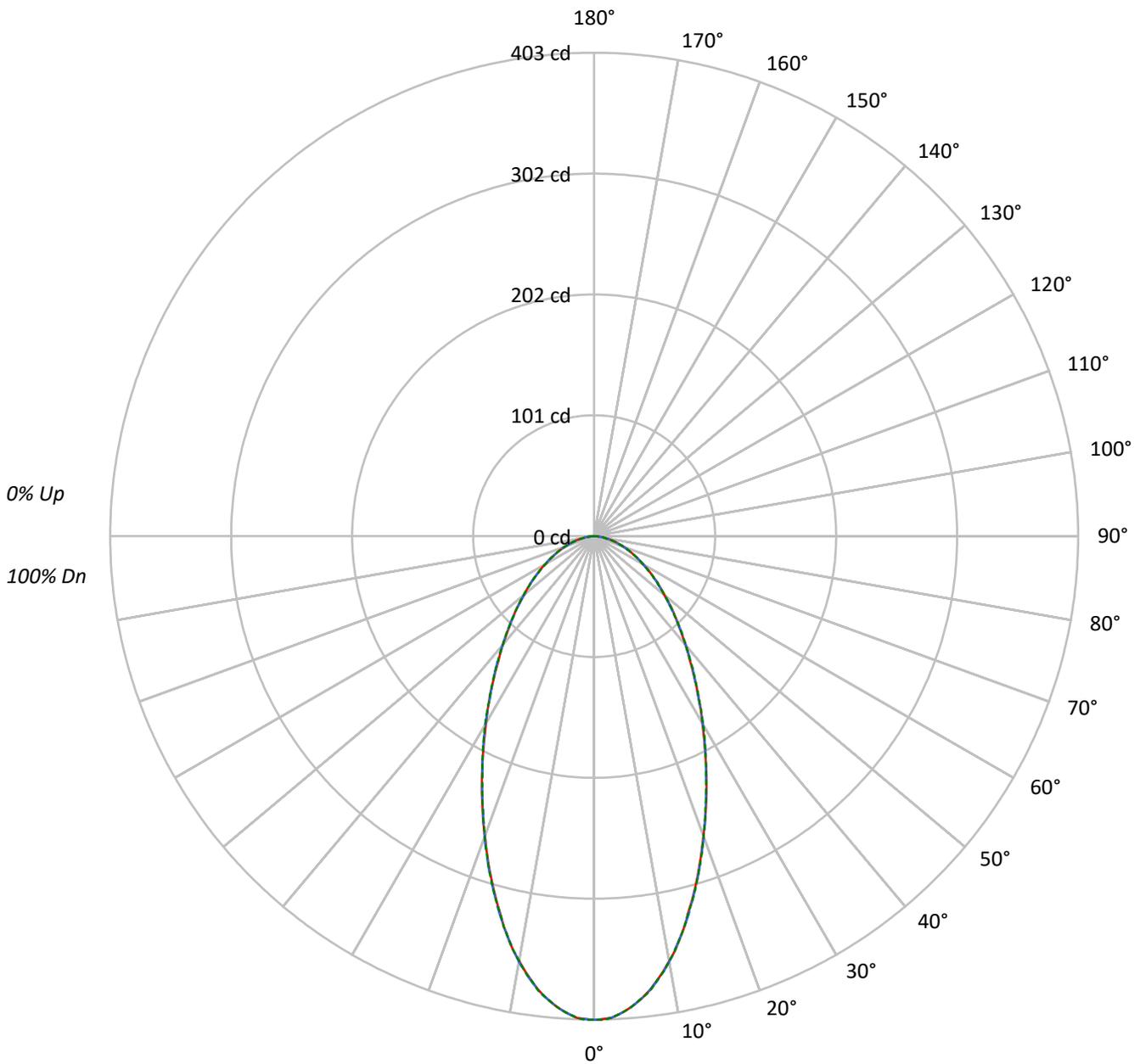
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 505.0 lumens
Efficiency: N/A
Efficacy: 41.1 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): 12.3
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	111	107	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	90	90	88
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	79	79	77
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	70	70	68
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	63	63	61
5	83	72	64	58	81	71	64	58	69	62	58	67	61	57	65	60	56	56	56	55
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	51	51	49
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	47	47	45
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	43	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	40	40	38
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	37	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	69475	69475	69475
5°	67700	67700	67700
10°	62904	63027	62904
15°	56110	56217	56217
20°	48770	48898	48770
25°	42015	41882	41882
30°	35836	35975	36114
35°	30738	30738	30885
40°	26641	26641	26641
45°	23284	23284	23284
50°	20416	20416	20604
55°	18316	18316	18316
60°	16223	16223	16223
65°	14670	14670	14670
70°	13243	12891	13243
75°	11978	11512	11512
80°	9620	9620	9620
85°	6916	6916	6916

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 23284 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.4	7.2
10°-20°	87.8	17.4
20°-30°	101.5	20.1
30°-40°	92.0	18.2
40°-50°	74.1	14.7
50°-60°	54.6	10.8
60°-70°	35.9	7.1
70°-80°	18.5	3.7
80°-90°	4.2	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°	225.6	44.7
0°-40°	317.6	62.9
0°-60°	446.3	88.4
0°-90°	505.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	505.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	403	403	403	403	403	
5°	392	393	392	392	392	36
15°	315	315	315	315	315	88
25°	221	220	220	221	220	101
35°	146	146	146	146	147	92
45°	96	96	96	96	96	74
55°	61	61	61	60	61	55
65°	36	36	36	36	36	36
75°	18	17	17	17	17	19
85°	4	4	4	4	4	4
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	403.4	403.4	403.4	403.4	403.4
1°	402.7	404.1	402.7	402.7	403.4
2°	402.0	402.7	402.0	402.0	402.0
3°	399.2	400.6	399.2	399.2	399.2
4°	395.7	397.1	395.7	395.7	395.7
5°	391.6	393.0	391.6	391.6	391.6
6°	386.7	387.4	386.7	386.7	386.7
7°	381.2	381.9	381.2	381.2	381.9
8°	374.3	374.9	374.9	374.3	374.3
9°	367.3	368.0	368.0	367.3	368.0
10°	359.7	360.4	360.4	359.7	359.7
11°	352.1	352.8	351.4	351.4	352.1
12°	343.1	343.8	343.1	343.1	343.1
13°	334.1	334.1	334.1	334.1	334.1
14°	323.7	325.0	325.0	324.4	323.7
15°	314.7	315.3	315.3	314.7	315.3
17.5°	290.4	291.8	291.1	291.1	291.1
20°	266.1	266.8	266.8	266.1	266.1
22.5°	243.3	242.6	242.6	242.6	242.6
25°	221.1	220.4	220.4	221.1	220.4
27.5°	199.6	200.3	200.3	199.6	200.3
30°	180.2	180.2	180.9	180.2	181.6
32.5°	162.9	162.9	162.2	162.9	162.9
35°	146.2	146.2	146.2	146.2	146.9
37.5°	131.0	131.7	132.4	132.4	131.7
40°	118.5	118.5	118.5	118.5	118.5
42.5°	106.0	106.0	106.7	106.7	106.7
45°	95.6	95.6	95.6	95.6	95.6
47.5°	85.9	85.9	85.2	85.2	85.9
50°	76.2	76.9	76.2	76.2	76.9
52.5°	68.6	67.9	67.9	68.6	68.6
55°	61.0	61.0	61.0	60.3	61.0
57.5°	54.1	54.1	53.4	53.4	53.4
60°	47.1	47.1	47.1	47.1	47.1
62.5°	41.6	41.6	41.6	41.6	41.6
65°	36.0	36.0	36.0	36.0	36.0
67.5°	31.2	31.2	31.2	31.2	30.5
70°	26.3	26.3	25.6	25.6	26.3
72.5°	21.5	21.5	21.5	21.5	21.5
75°	18.0	17.3	17.3	17.3	17.3
77.5°	13.9	13.9	13.2	13.9	13.2
80°	9.7	9.7	9.7	9.7	9.7
82.5°	6.9	6.2	6.2	6.2	6.2
85°	3.5	3.5	3.5	3.5	3.5
87.5°	0.7	0.7	0.7	0.7	1.4



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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)