

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: P1327772

Luminaire Tested: LDSQA3D13R25W2N902750DE010 3LSQPHRLD1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327772
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_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

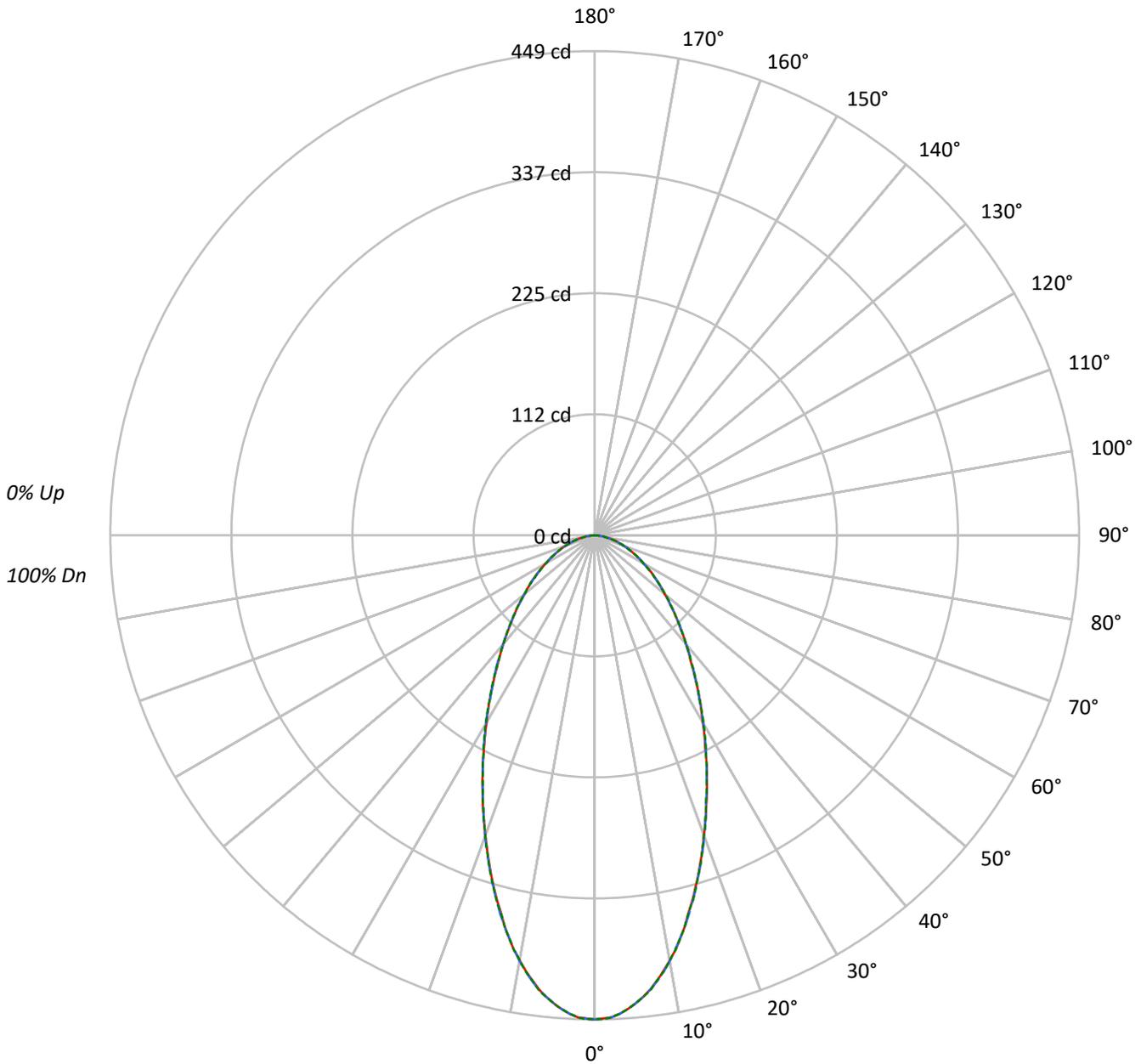
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 562.0 lumens
Efficiency: N/A
Efficacy: 45.7 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	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°	77311	77311	77311
5°	75341	75341	75341
10°	70004	70144	70004
15°	62440	62565	62565
20°	54286	54414	54286
25°	46747	46614	46614
30°	39873	40032	40191
35°	34207	34207	34375
40°	29654	29654	29654
45°	25915	25915	25915
50°	22721	22721	22935
55°	20388	20388	20388
60°	18049	18049	18049
65°	16341	16341	16341
70°	14754	14351	14754
75°	13375	12843	12843
80°	10711	10711	10711
85°	7707	7707	7707

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 25915 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.5	7.2
10°-20°	97.7	17.4
20°-30°	112.9	20.1
30°-40°	102.4	18.2
40°-50°	82.5	14.7
50°-60°	60.8	10.8
60°-70°	40.0	7.1
70°-80°	20.6	3.7
80°-90°	4.7	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°	251.1	44.7
0°-40°	353.5	62.9
0°-60°	496.7	88.4
0°-90°	562.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	562.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	449	449	449	449	449	
5°	436	437	436	436	436	40
15°	350	351	351	350	351	98
25°	246	245	245	246	245	113
35°	163	163	163	163	164	102
45°	106	106	106	106	106	82
55°	68	68	68	67	68	61
65°	40	40	40	40	40	40
75°	20	19	19	19	19	21
85°	4	4	4	4	4	5
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	448.9	448.9	448.9	448.9	448.9
1°	448.1	449.7	448.1	448.1	448.9
2°	447.3	448.1	447.3	447.3	447.3
3°	444.3	445.8	444.3	444.3	444.3
4°	440.4	441.9	440.4	440.4	440.4
5°	435.8	437.3	435.8	435.8	435.8
6°	430.4	431.2	430.4	430.4	430.4
7°	424.2	425.0	424.2	424.2	425.0
8°	416.5	417.3	417.3	416.5	416.5
9°	408.8	409.6	409.6	408.8	409.6
10°	400.3	401.1	401.1	400.3	400.3
11°	391.8	392.6	391.0	391.0	391.8
12°	381.8	382.6	381.8	381.8	381.8
13°	371.8	371.8	371.8	371.8	371.8
14°	360.2	361.7	361.7	361.0	360.2
15°	350.2	350.9	350.9	350.2	350.9
17.5°	323.2	324.7	323.9	323.9	323.9
20°	296.2	296.9	296.9	296.2	296.2
22.5°	270.7	270.0	270.0	270.0	270.0
25°	246.0	245.3	245.3	246.0	245.3
27.5°	222.1	222.9	222.9	222.1	222.9
30°	200.5	200.5	201.3	200.5	202.1
32.5°	181.3	181.3	180.5	181.3	181.3
35°	162.7	162.7	162.7	162.7	163.5
37.5°	145.8	146.5	147.3	147.3	146.5
40°	131.9	131.9	131.9	131.9	131.9
42.5°	118.0	118.0	118.8	118.8	118.8
45°	106.4	106.4	106.4	106.4	106.4
47.5°	95.6	95.6	94.9	94.9	95.6
50°	84.8	85.6	84.8	84.8	85.6
52.5°	76.4	75.6	75.6	76.4	76.4
55°	67.9	67.9	67.9	67.1	67.9
57.5°	60.2	60.2	59.4	59.4	59.4
60°	52.4	52.4	52.4	52.4	52.4
62.5°	46.3	46.3	46.3	46.3	46.3
65°	40.1	40.1	40.1	40.1	40.1
67.5°	34.7	34.7	34.7	34.7	33.9
70°	29.3	29.3	28.5	28.5	29.3
72.5°	23.9	23.9	23.9	23.9	23.9
75°	20.1	19.3	19.3	19.3	19.3
77.5°	15.4	15.4	14.7	15.4	14.7
80°	10.8	10.8	10.8	10.8	10.8
82.5°	7.7	6.9	6.9	6.9	6.9
85°	3.9	3.9	3.9	3.9	3.9
87.5°	0.8	0.8	0.8	0.8	1.5



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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)