

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: P1327735

Luminaire Tested: LDSQA3D13R25W2N902750DE010 3LSQCDR1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327735
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R25W2N902750DE010 3LSQCDR1MW_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3500K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

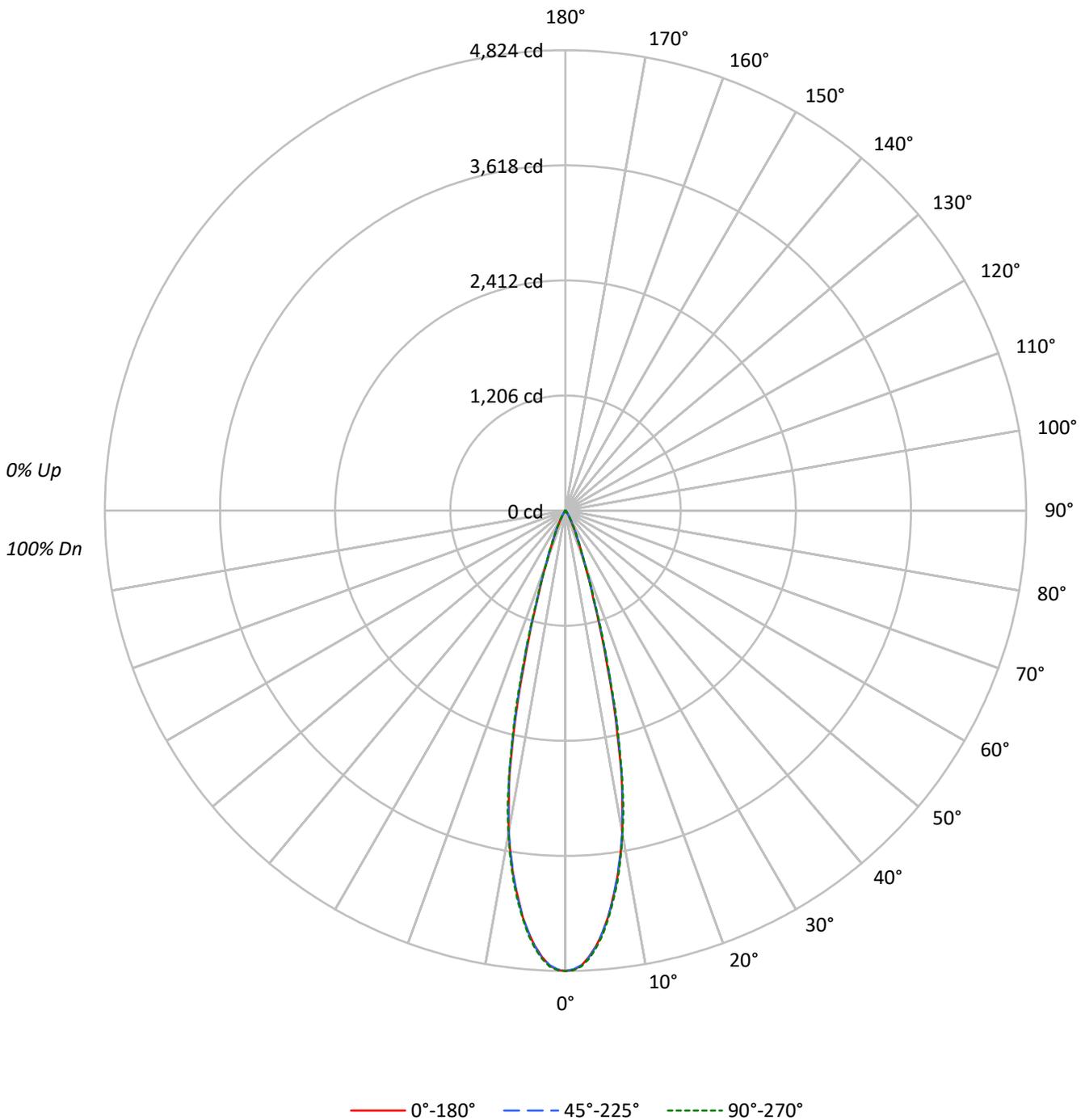
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1019.1 lumens
Efficiency: N/A
Efficacy: 82.9 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
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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CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQCDR1MW_3500K

Luminous Intensity Polar Plot





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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	115	113	111	110	113	111	109	108	107	106	105	103	102	102	100	99	99	99	99	97
2	112	108	105	103	110	106	104	102	103	101	100	101	99	97	98	97	95	95	95	94
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93	93	93	91
4	105	100	96	93	104	99	96	93	97	94	92	95	93	91	94	92	90	90	90	89
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	91	89	87	87	87	86
6	100	94	90	87	98	93	89	87	92	88	86	90	88	86	89	87	85	85	85	84
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	83	83	82
8	95	88	84	82	94	88	84	82	87	84	81	86	83	81	85	83	81	81	81	80
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79	79	79	78
10	90	84	80	78	89	83	80	77	83	80	77	82	79	77	82	79	77	77	77	76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	830716	830716	830716
5°	767313	767054	771341
10°	599382	597755	601830
15°	301538	314143	313858
20°	103184	106025	104320
25°	41464	46633	43231
30°	16824	20066	16367
35°	4899	8809	4899
40°	2271	3844	2271
45°	755	1510	755
50°	429	616	429
55°	480	480	480
60°	551	551	551
65°	326	326	326
70°	403	403	403
75°	532	532	532
80°	0	793	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1510 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	391.3	38.4
10°-20°	479.0	47.0
20°-30°	117.0	11.5
30°-40°	24.2	2.4
40°-50°	4.2	0.4
50°-60°	1.5	0.1
60°-70°	1.1	0.1
70°-80°	0.8	0.1
80°-90°	0.0	0.0
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°	987.3	96.9
0°-40°	1011.5	99.3
0°-60°	1017.2	99.8
0°-90°	1019.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1019.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4824	4824	4824	4824	4824	
5°	4438	4442	4437	4446	4462	391
15°	1691	1720	1762	1770	1760	472
25°	218	228	245	231	228	112
35°	23	33	42	32	23	20
45°	3	5	6	5	3	3
55°	2	2	2	2	2	1
65°	1	2	1	1	1	1
75°	1	1	1	1	1	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4823.5	4823.5	4823.5	4823.5	4823.5
1°	4814.2	4808.0	4806.5	4807.2	4815.0
2°	4770.7	4766.9	4766.1	4768.4	4779.3
3°	4682.2	4686.9	4688.4	4696.2	4701.6
4°	4573.5	4582.8	4579.0	4588.3	4594.5
5°	4438.4	4442.3	4436.9	4446.2	4461.7
6°	4280.8	4266.8	4280.0	4283.9	4294.8
7°	4084.3	4087.4	4092.1	4096.8	4113.1
8°	3891.0	3881.7	3879.3	3901.1	3914.3
9°	3665.0	3666.6	3658.0	3682.9	3686.8
10°	3427.4	3408.0	3418.1	3437.5	3441.4
11°	3113.7	3108.3	3123.0	3153.3	3177.4
12°	2819.4	2822.5	2838.1	2848.2	2842.7
13°	2430.4	2453.7	2473.1	2483.2	2470.0
14°	2078.7	2078.7	2103.5	2107.4	2154.8
15°	1691.2	1719.9	1761.9	1769.6	1760.3
17.5°	976.8	980.7	1000.9	1000.1	1014.9
20°	563.0	568.4	578.5	576.2	569.2
22.5°	338.5	350.2	374.3	354.9	349.4
25°	218.2	228.3	245.4	231.4	227.5
27.5°	136.7	143.7	156.9	144.4	138.2
30°	84.6	88.5	100.9	89.3	82.3
32.5°	45.8	55.9	66.0	55.9	45.8
35°	23.3	32.6	41.9	31.8	23.3
37.5°	15.5	18.6	27.2	17.9	15.5
40°	10.1	12.4	17.1	12.4	10.1
42.5°	5.4	7.8	9.3	8.5	5.4
45°	3.1	4.7	6.2	4.7	3.1
47.5°	2.3	2.3	3.9	2.3	1.6
50°	1.6	1.6	2.3	1.6	1.6
52.5°	1.6	1.6	1.6	1.6	1.6
55°	1.6	1.6	1.6	1.6	1.6
57.5°	1.6	1.6	1.6	1.6	1.6
60°	1.6	1.6	1.6	1.6	1.6
62.5°	1.6	1.6	1.6	1.6	1.6
65°	0.8	1.6	0.8	0.8	0.8
67.5°	0.8	0.8	0.8	0.8	0.8
70°	0.8	0.8	0.8	0.8	0.8
72.5°	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8
80°	0.0	0.0	0.8	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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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)