

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: P1327396

Luminaire Tested: LDSQA3D13R15W2N902750DE010 3LSQCDR1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327396
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R15W2N902750DE010 3LSQCDR1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

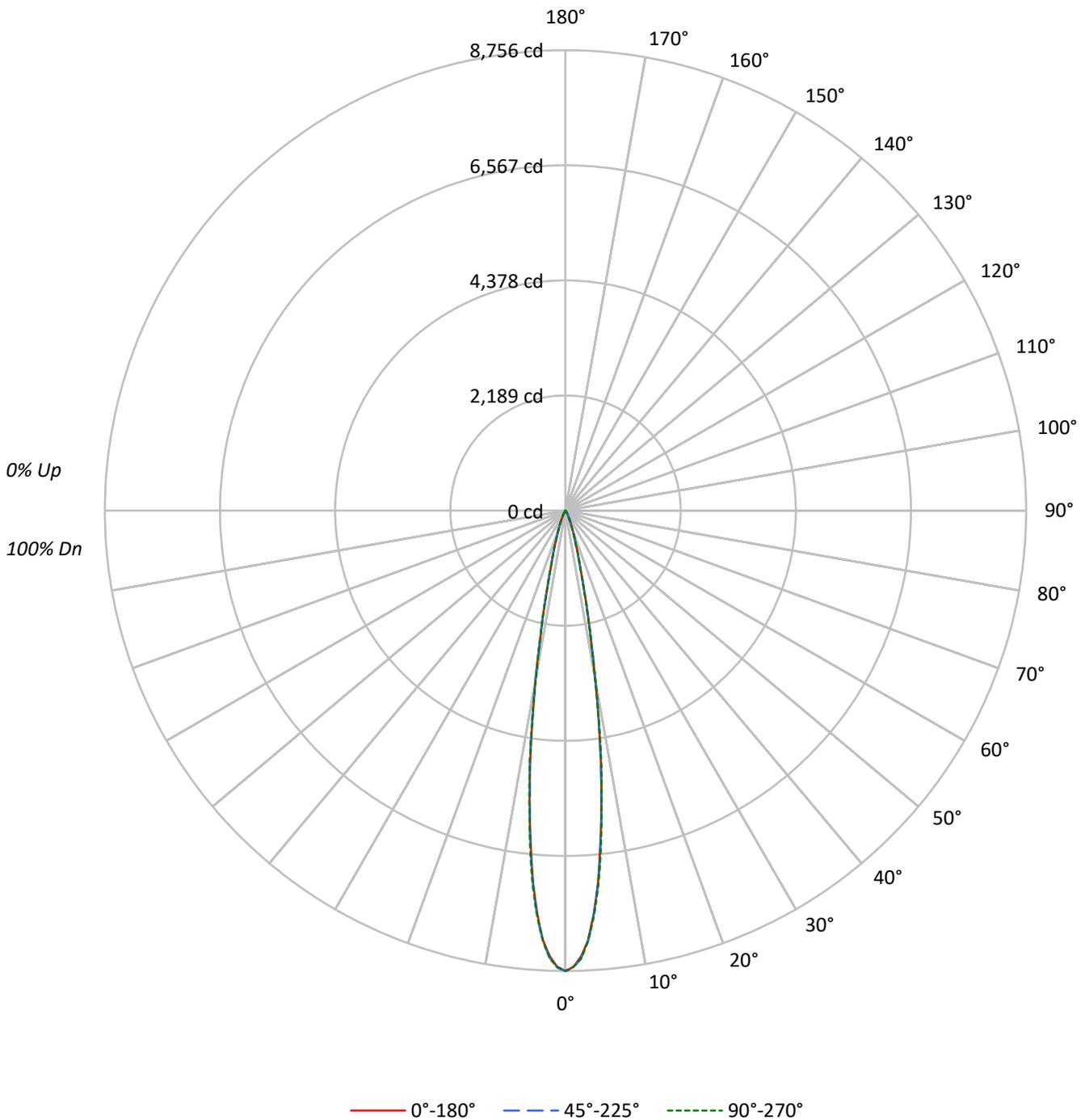
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 983.0 lumens
Efficiency: N/A
Efficacy: 79.9 lumens/watt
Spacing Criteria (0/90/45): 0.29 / 0.3 / 0.29
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





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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	116	114	112	111	113	112	110	109	108	107	105	104	103	102	101	100	99	99	98	99	98
2	112	109	107	105	110	108	105	103	105	103	101	102	100	99	99	98	97	99	98	97	96
3	110	106	103	100	108	104	102	99	102	100	98	100	98	96	98	96	95	98	96	95	94
4	107	102	99	97	106	101	98	96	100	97	95	98	96	94	96	94	93	96	94	93	92
5	105	100	96	94	103	99	96	93	97	95	93	96	94	92	95	93	91	95	93	91	90
6	102	97	94	91	101	97	93	91	95	92	90	94	92	90	93	91	89	93	91	89	88
7	100	95	92	89	99	94	91	89	93	91	89	92	90	88	92	89	88	92	89	88	87
8	98	93	90	87	98	93	89	87	92	89	87	91	88	87	90	88	86	90	88	86	85
9	97	91	88	86	96	91	88	85	90	87	85	89	87	85	89	86	85	89	86	85	84
10	95	89	86	84	94	89	86	84	89	86	84	88	85	84	87	85	83	87	85	83	83

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1508033	1508033	1508033
5°	1226241	1230512	1234782
10°	571086	571628	568516
15°	176693	183023	179582
20°	70451	74410	69590
25°	29473	34756	28010
30°	11972	15969	11057
35°	3890	7296	3574
40°	1394	2945	1394
45°	560	950	560
50°	402	616	402
55°	450	450	450
60°	517	517	517
65°	326	326	326
70°	403	403	403
75°	532	532	532
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 950 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	548.1	55.8
10°-20°	327.7	33.3
20°-30°	83.4	8.5
30°-40°	18.1	1.8
40°-50°	2.9	0.3
50°-60°	1.4	0.1
60°-70°	0.9	0.1
70°-80°	0.5	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°	959.2	97.6
0°-40°	977.3	99.4
0°-60°	981.6	99.9
0°-90°	983.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	983.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	8756	8756	8756	8756	8756	
5°	7093	7103	7118	7085	7142	547
15°	991	1019	1026	1012	1007	326
25°	155	166	183	162	147	79
35°	18	24	35	23	17	15
45°	2	3	4	3	2	2
55°	2	2	2	2	2	1
65°	1	1	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°	8756.3	8756.3	8756.3	8756.3	8756.3
1°	8679.9	8694.6	8696.9	8694.6	8682.2
2°	8484.6	8527.9	8518.6	8500.1	8526.3
3°	8182.9	8204.5	8201.4	8202.9	8196.7
4°	7692.0	7729.8	7708.2	7724.4	7725.9
5°	7093.0	7103.1	7117.7	7085.3	7142.4
6°	6356.0	6420.0	6363.7	6419.2	6441.6
7°	5606.5	5643.6	5571.8	5610.4	5633.5
8°	4840.1	4775.3	4814.6	4815.4	4891.8
9°	4012.7	4025.8	4059.0	4021.2	4054.4
10°	3265.6	3295.7	3268.7	3255.5	3250.9
11°	2578.7	2612.6	2610.3	2614.2	2588.7
12°	2074.7	2056.9	2068.5	2030.7	2047.6
13°	1614.7	1615.4	1606.2	1590.7	1576.8
14°	1265.0	1257.3	1278.9	1259.6	1241.9
15°	991.0	1018.8	1026.5	1011.9	1007.2
17.5°	611.3	612.1	622.9	609.0	607.4
20°	384.4	393.6	406.0	391.3	379.7
22.5°	243.1	251.6	270.9	252.4	236.2
25°	155.1	165.9	182.9	162.1	147.4
27.5°	97.2	107.3	123.5	104.2	93.4
30°	60.2	67.1	80.3	65.6	55.6
32.5°	34.7	41.7	52.5	39.4	33.2
35°	18.5	23.9	34.7	23.2	17.0
37.5°	10.8	13.9	22.4	12.3	10.0
40°	6.2	8.5	13.1	7.7	6.2
42.5°	3.9	5.4	6.2	4.6	3.1
45°	2.3	3.1	3.9	3.1	2.3
47.5°	1.5	2.3	3.1	1.5	1.5
50°	1.5	1.5	2.3	1.5	1.5
52.5°	1.5	1.5	1.5	1.5	1.5
55°	1.5	1.5	1.5	1.5	1.5
57.5°	1.5	1.5	1.5	1.5	1.5
60°	1.5	1.5	1.5	1.5	1.5
62.5°	0.8	0.8	0.8	0.8	0.8
65°	0.8	0.8	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°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	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)