

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: P1327393

Luminaire Tested: LDSQA3D13R15W2N902750DE010 3LSQCDR1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327393
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_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

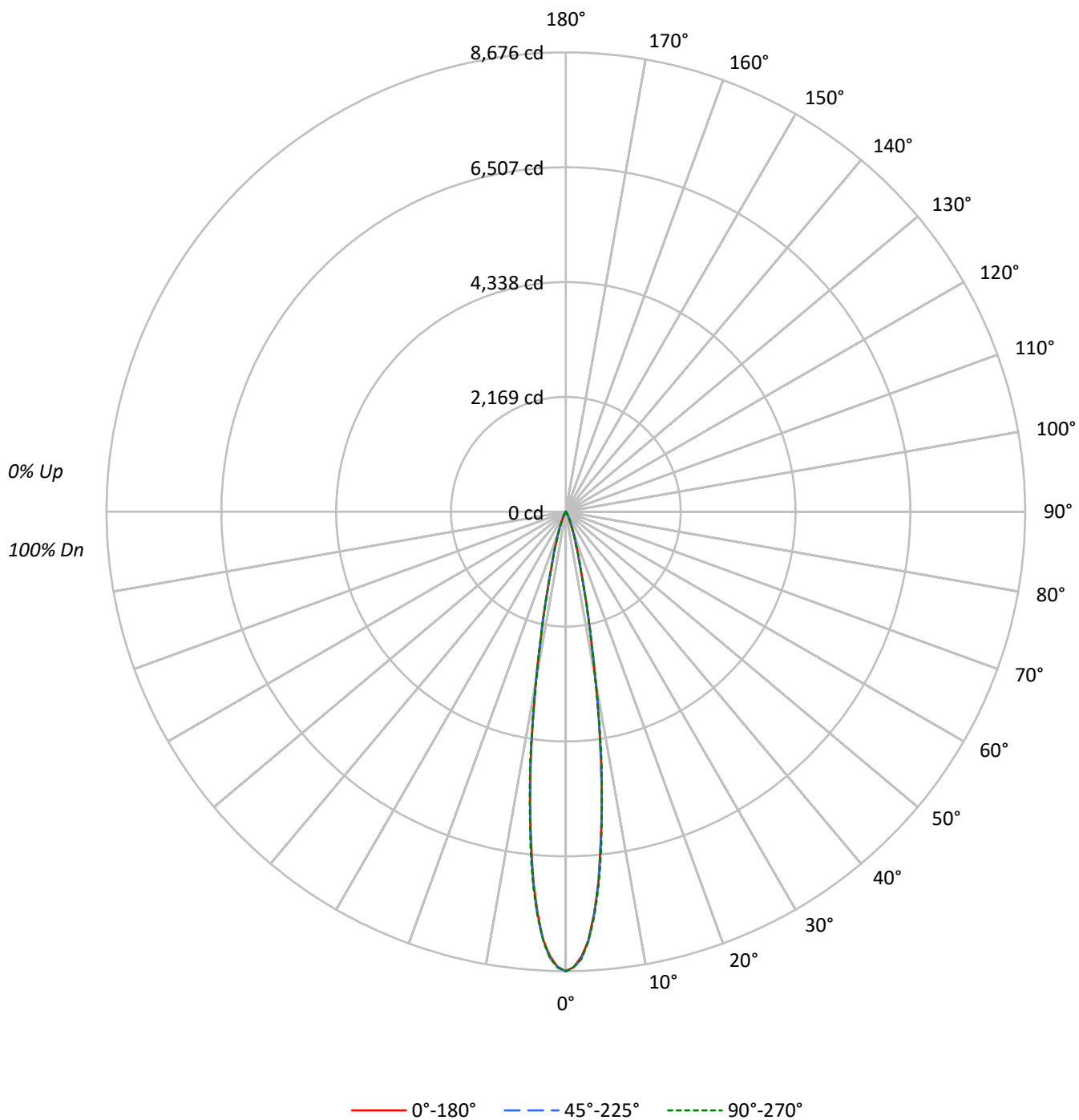
Lumens per Lamp: N/A
Luminaire Lumens: 974.0 lumens
Efficiency: N/A
Efficacy: 79.2 lumens/watt
Spacing Criteria (0/90/45): 0.29 / 0.3 / 0.29
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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
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	100	100	100
1	116	114	112	111	113	112	110	109	108	107	105	104	103	102	101	100	99	98	98	98
2	112	109	107	105	110	108	105	103	105	103	101	102	100	99	99	98	97	96	96	96
3	110	106	103	100	108	104	102	99	102	100	98	100	98	96	98	96	95	94	94	94
4	107	102	99	97	106	101	98	96	100	97	95	98	96	94	96	94	93	92	92	92
5	105	100	96	94	103	99	96	93	97	95	93	96	94	92	95	93	91	90	90	90
6	102	97	94	91	101	97	93	91	95	92	90	94	92	90	93	91	89	88	88	88
7	100	95	92	89	99	94	91	89	93	91	89	92	90	88	92	89	88	87	87	87
8	98	93	90	87	98	93	89	87	92	89	87	91	88	86	90	88	86	85	85	85
9	97	91	88	86	96	91	88	85	90	87	85	89	87	85	89	86	85	84	84	84
10	95	89	86	84	94	89	86	84	89	86	84	88	85	84	87	85	83	83	83	83

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1494221	1494221	1494221
5°	1215021	1219257	1223475
10°	565857	566382	563304
15°	175071	181347	177941
20°	69791	73732	68967
25°	29207	34433	27763
30°	11872	15810	10957
35°	3869	7232	3532
40°	1371	2923	1371
45°	560	926	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: 926 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	543.1	55.8
10°-20°	324.7	33.3
20°-30°	82.6	8.5
30°-40°	17.9	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°	950.4	97.6
0°-40°	968.4	99.4
0°-60°	972.6	99.9
0°-90°	974.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	974.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	8676	8676	8676	8676	8676	
5°	7028	7038	7053	7020	7077	542
15°	982	1010	1017	1003	998	323
25°	154	164	181	161	146	78
35°	18	24	34	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	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	8676.1	8676.1	8676.1	8676.1	8676.1
1°	8600.4	8615.0	8617.3	8615.0	8602.7
2°	8407.0	8449.8	8440.6	8422.3	8448.3
3°	8107.9	8129.3	8126.3	8127.8	8121.7
4°	7621.6	7659.0	7637.6	7653.7	7655.2
5°	7028.1	7038.0	7052.6	7020.5	7077.0
6°	6297.8	6361.2	6305.4	6360.5	6382.6
7°	5555.2	5591.9	5520.8	5559.0	5581.9
8°	4795.8	4731.5	4770.5	4771.3	4847.0
9°	3976.0	3989.0	4021.8	3984.4	4017.3
10°	3235.7	3265.5	3238.7	3225.7	3221.1
11°	2555.0	2588.7	2586.4	2590.2	2565.0
12°	2055.7	2038.1	2049.5	2012.1	2028.9
13°	1599.9	1600.6	1591.5	1576.2	1562.4
14°	1253.4	1245.8	1267.2	1248.1	1230.5
15°	981.9	1009.5	1017.1	1002.6	998.0
17.5°	605.7	606.5	617.2	603.4	601.9
20°	380.8	390.0	402.3	387.7	376.3
22.5°	240.9	249.3	268.4	250.1	234.0
25°	153.7	164.4	181.2	160.6	146.1
27.5°	96.4	106.3	122.4	103.2	92.5
30°	59.7	66.5	79.5	65.0	55.1
32.5°	34.4	41.3	52.0	39.0	32.9
35°	18.4	23.7	34.4	22.9	16.8
37.5°	10.7	13.8	22.2	12.2	9.9
40°	6.1	8.4	13.0	7.6	6.1
42.5°	3.8	5.4	6.1	4.6	3.1
45°	2.3	3.1	3.8	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)