

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: P1326594

Luminaire Tested: LDSQA3D09R35W2N902765DE010 3LSQCDR1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326594
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R35W2N902765DE010 3LSQCDR1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

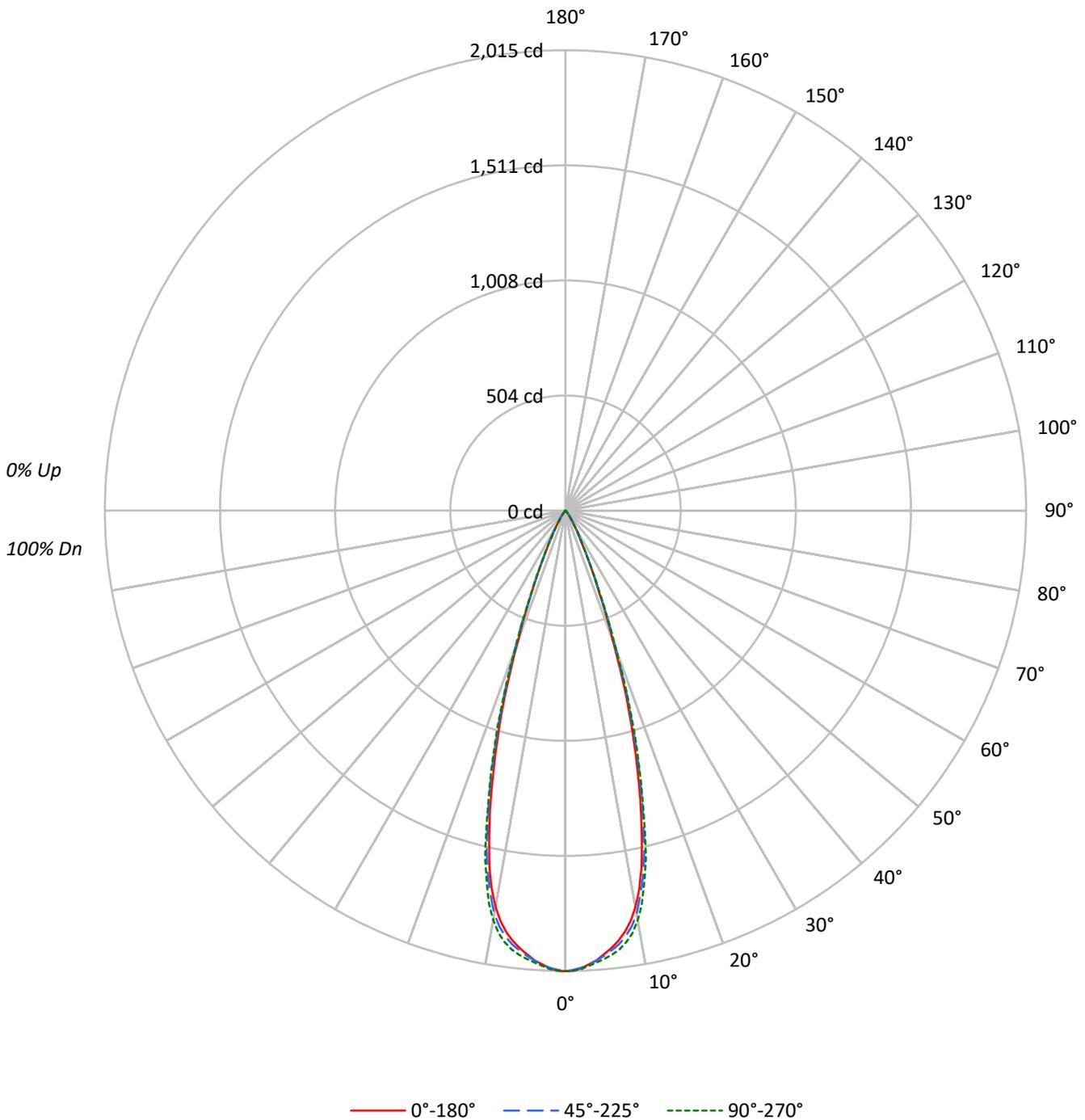
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 677.0 lumens
Efficiency: N/A
Efficacy: 75.2 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 9
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	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	98	98	98	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	94	94	94	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	94	92	90	89
4	103	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	91	89	87	86
5	100	94	90	86	99	93	89	86	91	88	85	90	87	85	89	86	84	89	86	84	83
6	97	90	86	83	96	90	86	83	88	85	82	87	84	82	86	83	81	86	83	81	80
7	94	87	83	80	93	87	82	79	85	82	79	84	81	79	83	81	78	83	81	78	77
8	91	84	80	77	90	84	79	77	83	79	76	82	78	76	81	78	76	81	78	76	75
9	88	81	77	74	88	81	77	74	80	76	74	79	76	74	79	76	73	79	76	73	72
10	86	79	75	72	85	78	74	72	78	74	71	77	74	71	76	73	71	76	73	71	70

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	347098	347098	347098
5°	336823	338016	340298
10°	308120	313471	318281
15°	221161	229273	231627
20°	111248	117736	118029
25°	42167	43478	43668
30°	17122	19648	16804
35°	6223	9440	5992
40°	2608	4047	2496
45°	633	1681	633
50°	429	697	429
55°	480	480	480
60°	551	551	551
65°	448	448	448
70°	252	252	252
75°	333	333	333
80°	496	496	496
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1681 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	182.2	26.9
10°-20°	339.5	50.1
20°-30°	122.1	18.0
30°-40°	25.6	3.8
40°-50°	4.4	0.7
50°-60°	1.5	0.2
60°-70°	1.1	0.2
70°-80°	0.5	0.1
80°-90°	0.1	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°	643.8	95.1
0°-40°	669.4	98.9
0°-60°	675.3	99.8
0°-90°	677.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	677.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2015	2015	2015	2015	2015	
5°	1948	1952	1955	1968	1968	181
15°	1240	1262	1286	1300	1299	330
25°	222	225	229	231	230	118
35°	30	35	45	34	28	22
45°	3	4	7	4	3	3
55°	2	2	2	2	2	1
65°	1	1	1	1	1	1
75°	0	0	0	0	0	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°	2015.4	2015.4	2015.4	2015.4	2015.4
1°	2014.4	2014.4	2010.2	2014.9	2013.3
2°	2003.3	2004.3	2001.7	2007.5	2007.0
3°	1988.0	1990.6	1988.5	1996.9	1994.3
4°	1971.6	1973.7	1972.6	1983.2	1982.2
5°	1948.3	1952.0	1955.2	1968.4	1968.4
6°	1924.6	1928.3	1935.1	1949.4	1954.2
7°	1897.1	1901.9	1912.9	1932.0	1935.1
8°	1862.2	1867.5	1882.8	1903.4	1907.7
9°	1818.9	1826.8	1844.3	1869.1	1871.7
10°	1761.9	1768.2	1792.5	1813.1	1820.0
11°	1687.9	1693.2	1714.8	1748.1	1752.3
12°	1598.1	1604.4	1632.4	1654.1	1658.3
13°	1484.5	1496.7	1530.5	1551.6	1563.2
14°	1367.8	1384.1	1408.4	1438.5	1431.1
15°	1240.4	1262.1	1285.9	1299.6	1299.1
17.5°	928.2	940.9	962.0	969.9	980.5
20°	607.0	623.4	642.4	649.8	644.0
22.5°	376.7	380.9	386.7	389.9	388.8
25°	221.9	225.1	228.8	230.9	229.8
27.5°	133.7	141.1	146.3	140.0	136.3
30°	86.1	89.3	98.8	90.3	84.5
32.5°	51.2	58.6	66.6	56.5	49.1
35°	29.6	34.9	44.9	34.3	28.5
37.5°	19.0	21.7	29.1	21.1	18.5
40°	11.6	14.8	18.0	13.7	11.1
42.5°	5.8	9.0	10.6	7.9	5.8
45°	2.6	4.2	6.9	4.2	2.6
47.5°	1.6	2.1	4.2	2.1	1.6
50°	1.6	1.6	2.6	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°	1.1	1.1	1.1	1.1	1.1
65°	1.1	1.1	1.1	1.1	1.1
67.5°	1.1	1.1	1.1	1.1	1.1
70°	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5
80°	0.5	0.5	0.5	0.5	0.5
82.5°	0.5	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)