

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: P1326496

Luminaire Tested: LDSQA3D09R35W2N902750DE010 3LSQCDR1MMS_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326496
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R35W2N902750DE010 3LSQCDR1MMS_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

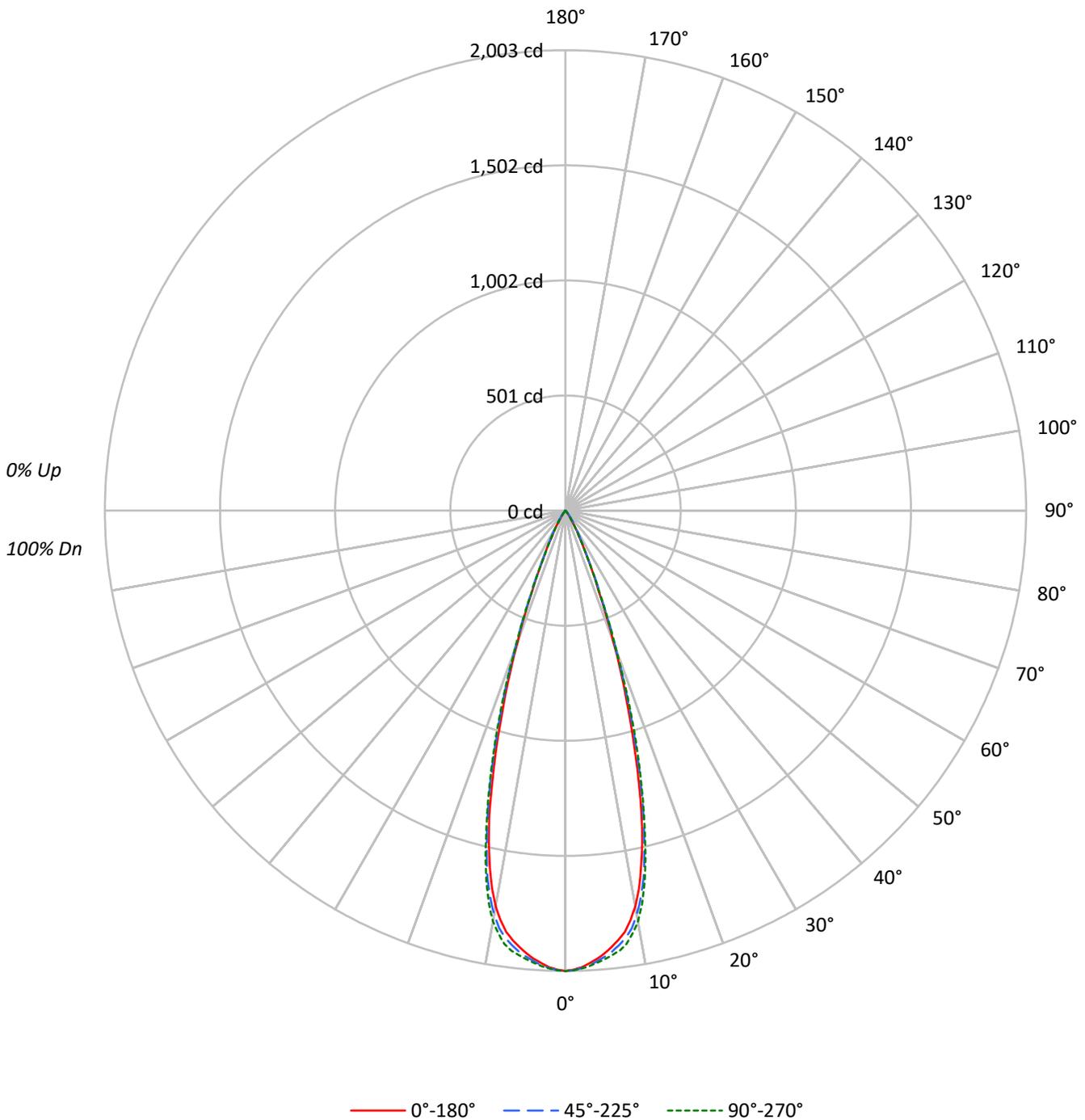
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 667.0 lumens
Efficiency: N/A
Efficacy: 74.1 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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	95	94
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	92	91
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	88	87
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	85	84
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	82	81
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	79	78
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	77	76	75
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	74	73	72
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	71	70	69
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	69	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	345014	345014	345014
5°	334541	336927	338742
10°	305707	312177	317529
15°	219841	229452	231342
20°	111926	117535	117828
25°	42471	43364	42167
30°	16486	19111	16068
35°	5656	8893	5340
40°	1911	3440	1776
45°	122	1169	122
50°	0	134	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1169 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.3	27.2
10°-20°	337.9	50.7
20°-30°	121.4	18.2
30°-40°	23.7	3.6
40°-50°	2.6	0.4
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
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°	640.6	96.0
0°-40°	664.3	99.6
0°-60°	667.0	100.0
0°-90°	667.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	667.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2003	2003	2003	2003	2003	
5°	1935	1940	1949	1958	1959	179
15°	1233	1254	1287	1296	1298	328
25°	224	226	228	227	222	117
35°	27	31	42	31	25	20
45°	0	2	5	2	0	1
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
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°	2003.3	2003.3	2003.3	2003.3	2003.3
1°	1997.5	2000.1	2000.6	2004.3	2000.1
2°	1989.0	1990.6	1992.7	1995.9	1993.8
3°	1972.6	1975.8	1980.6	1984.8	1984.8
4°	1955.2	1959.4	1965.3	1972.6	1972.1
5°	1935.1	1940.4	1948.9	1957.9	1959.4
6°	1909.8	1916.1	1929.9	1942.5	1944.6
7°	1882.8	1892.3	1905.6	1924.0	1928.8
8°	1851.1	1858.5	1877.6	1899.2	1904.5
9°	1804.6	1815.7	1840.0	1860.1	1863.3
10°	1748.1	1756.0	1785.1	1806.2	1815.7
11°	1675.2	1686.8	1715.4	1737.0	1743.4
12°	1582.2	1599.1	1632.4	1648.3	1653.6
13°	1481.9	1496.1	1522.0	1541.6	1545.8
14°	1368.8	1382.5	1409.5	1425.3	1421.6
15°	1233.0	1253.6	1286.9	1295.9	1297.5
17.5°	910.8	924.0	953.6	967.8	977.9
20°	610.7	623.4	641.3	650.9	642.9
22.5°	371.4	382.0	391.5	390.9	388.3
25°	223.5	225.6	228.2	226.6	221.9
27.5°	130.5	136.3	144.2	138.9	131.0
30°	82.9	87.7	96.1	87.2	80.8
32.5°	43.8	55.5	64.5	52.3	46.0
35°	26.9	30.6	42.3	31.2	25.4
37.5°	16.4	19.0	26.4	18.5	14.8
40°	8.5	12.2	15.3	11.1	7.9
42.5°	2.6	5.8	8.5	5.3	2.6
45°	0.5	1.6	4.8	1.6	0.5
47.5°	0.0	0.0	2.1	0.5	0.0
50°	0.0	0.0	0.5	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
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)