

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: P1326589

Luminaire Tested: LDSQA3D09R35W2N902765DE010 3LSQCDR1MMS_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326589
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: LDSQA3D09R35W2N902765DE010 3LSQCDR1MMS_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

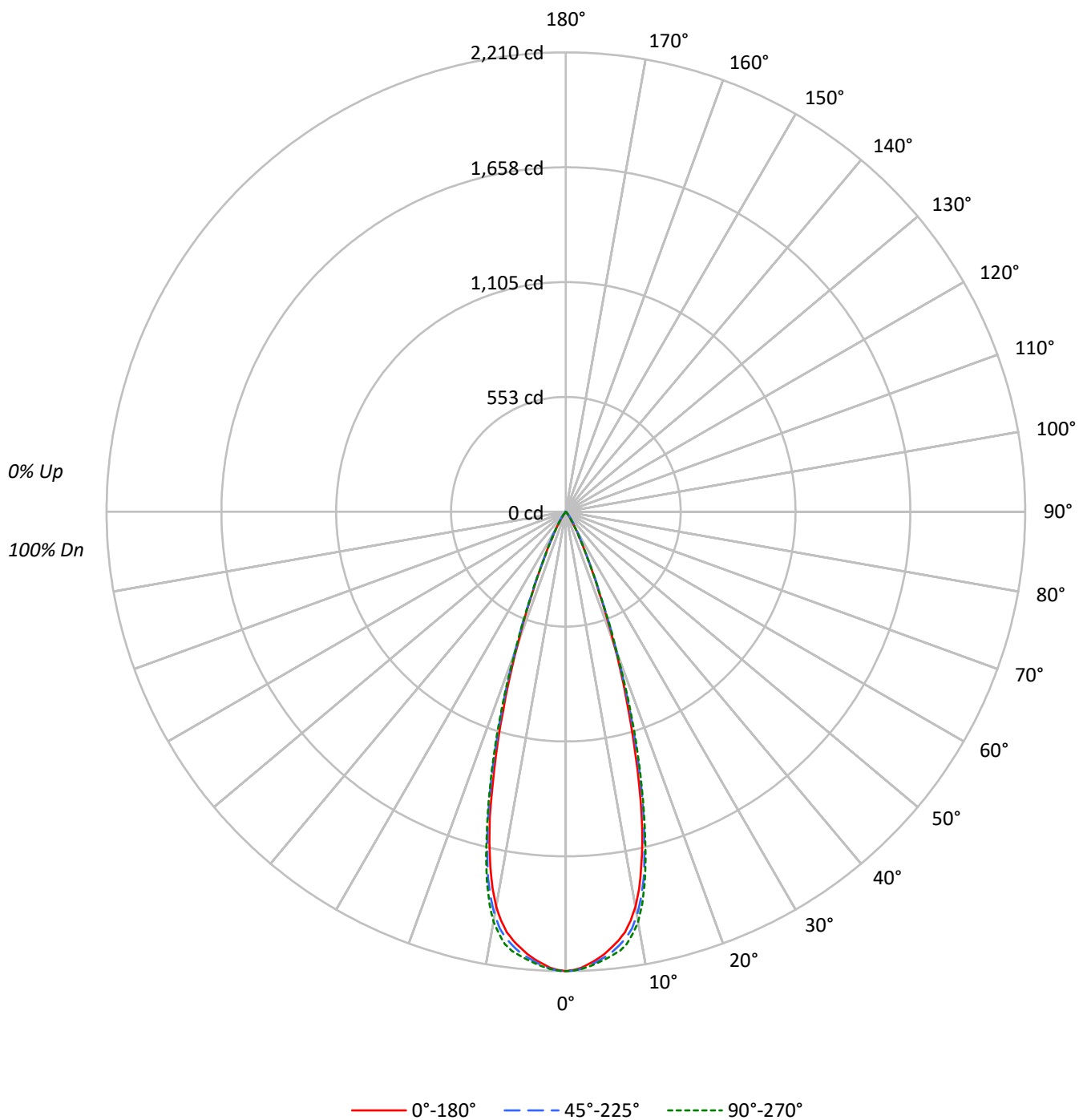
Lumens per Lamp: N/A
Luminaire Lumens: 736.0 lumens
Efficiency: N/A
Efficacy: 81.8 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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
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	88	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	67	65

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	380698	380698	380698
5°	369152	371780	373785
10°	337342	344478	350388
15°	242592	253201	255269
20°	123509	129704	130016
25°	46861	47849	46519
30°	18196	21100	17739
35°	6244	9797	5887
40°	2091	3799	1956
45°	146	1267	146
50°	0	161	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: 1267 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	200.1	27.2
10°-20°	372.8	50.7
20°-30°	134.0	18.2
30°-40°	26.2	3.6
40°-50°	2.9	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°	706.9	96.1
0°-40°	733.1	99.6
0°-60°	736.0	100.0
0°-90°	736.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	736.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2210	2210	2210	2210	2210	
5°	2135	2141	2150	2160	2162	198
15°	1361	1383	1420	1430	1432	362
25°	247	249	252	250	245	129
35°	30	34	47	34	28	22
45°	1	2	5	2	1	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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2210.5	2210.5	2210.5	2210.5	2210.5
1°	2204.1	2207.0	2207.6	2211.7	2207.0
2°	2194.8	2196.5	2198.9	2202.4	2200.0
3°	2176.7	2180.2	2185.5	2190.1	2190.1
4°	2157.5	2162.1	2168.6	2176.7	2176.1
5°	2135.3	2141.2	2150.5	2160.4	2162.1
6°	2107.3	2114.3	2129.5	2143.5	2145.8
7°	2077.6	2088.1	2102.7	2123.1	2128.3
8°	2042.6	2050.8	2071.8	2095.7	2101.5
9°	1991.3	2003.6	2030.4	2052.5	2056.0
10°	1929.0	1937.7	1969.8	1993.1	2003.6
11°	1848.5	1861.3	1892.8	1916.7	1923.7
12°	1745.9	1764.6	1801.3	1818.8	1824.6
13°	1635.2	1650.9	1679.5	1701.0	1705.7
14°	1510.4	1525.6	1555.3	1572.8	1568.7
15°	1360.6	1383.3	1420.1	1430.0	1431.7
17.5°	1005.0	1019.6	1052.2	1068.0	1079.0
20°	673.9	687.9	707.7	718.2	709.4
22.5°	409.8	421.5	432.0	431.4	428.5
25°	246.6	248.9	251.8	250.1	244.8
27.5°	144.0	150.4	159.1	153.3	144.6
30°	91.5	96.8	106.1	96.2	89.2
32.5°	48.4	61.2	71.1	57.7	50.7
35°	29.7	33.8	46.6	34.4	28.0
37.5°	18.1	21.0	29.1	20.4	16.3
40°	9.3	13.4	16.9	12.2	8.7
42.5°	2.9	6.4	9.3	5.8	2.9
45°	0.6	1.7	5.2	1.7	0.6
47.5°	0.0	0.0	2.3	0.6	0.0
50°	0.0	0.0	0.6	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)