

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: P1326500

Luminaire Tested: LDSQA3D09R35W2N902750DE010 3LSQCDR1MMS_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326500
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_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

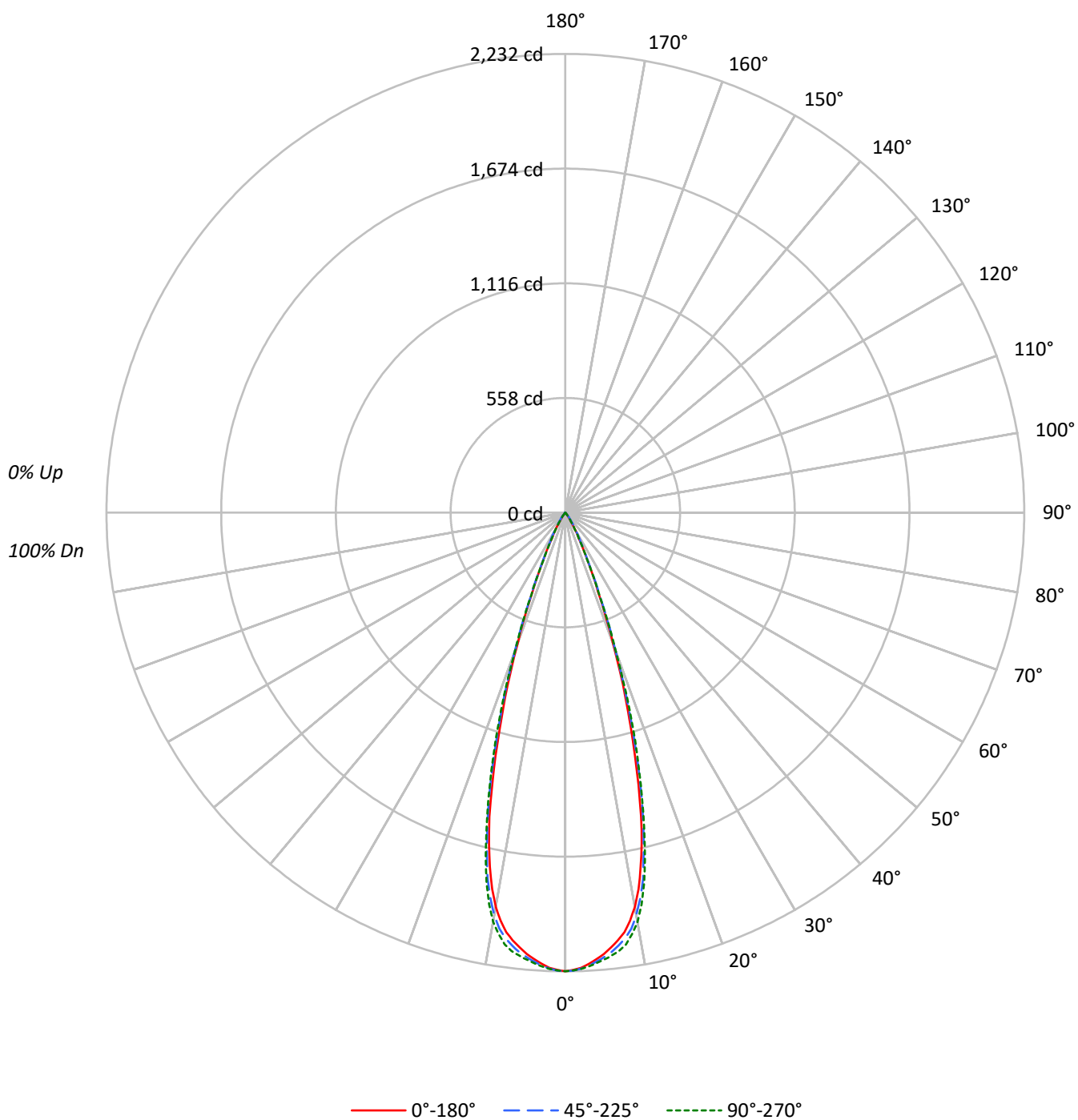
Lumens per Lamp: N/A
Luminaire Lumens: 743.0 lumens
Efficiency: N/A
Efficacy: 82.6 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	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	67	65

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	384315	384315	384315
5°	372661	375306	377346
10°	340543	347748	353711
15°	244892	255608	257694
20°	124682	130932	131262
25°	47298	48305	46975
30°	18375	21299	17898
35°	6307	9903	5929
40°	2113	3844	1978
45°	146	1291	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: 1291 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	202.0	27.2
10°-20°	376.4	50.7
20°-30°	135.3	18.2
30°-40°	26.4	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°	713.6	96.0
0°-40°	740.0	99.6
0°-60°	743.0	100.0
0°-90°	743.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	743.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2232	2232	2232	2232	2232	
5°	2156	2162	2171	2181	2183	200
15°	1374	1396	1434	1444	1445	365
25°	249	251	254	252	247	131
35°	30	34	47	35	28	22
45°	1	2	5	2	1	2
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°	2231.5	2231.5	2231.5	2231.5	2231.5
1°	2225.1	2228.0	2228.6	2232.7	2228.0
2°	2215.7	2217.4	2219.8	2223.3	2221.0
3°	2197.4	2200.9	2206.2	2211.0	2211.0
4°	2178.0	2182.7	2189.2	2197.4	2196.8
5°	2155.6	2161.5	2170.9	2180.9	2182.7
6°	2127.4	2134.4	2149.7	2163.9	2166.2
7°	2097.4	2108.0	2122.7	2143.3	2148.6
8°	2062.1	2070.3	2091.5	2115.6	2121.5
9°	2010.3	2022.6	2049.7	2072.1	2075.6
10°	1947.3	1956.1	1988.5	2012.0	2022.6
11°	1866.1	1879.0	1910.8	1935.0	1942.0
12°	1762.5	1781.4	1818.4	1836.1	1842.0
13°	1650.7	1666.6	1695.4	1717.2	1721.9
14°	1524.8	1540.1	1570.1	1587.7	1583.6
15°	1373.5	1396.5	1433.6	1443.6	1445.3
17.5°	1014.6	1029.3	1062.2	1078.1	1089.3
20°	680.3	694.4	714.4	725.0	716.2
22.5°	413.7	425.5	436.1	435.5	432.5
25°	248.9	251.3	254.2	252.5	247.2
27.5°	145.4	151.8	160.7	154.8	145.9
30°	92.4	97.7	107.1	97.1	90.0
32.5°	48.8	61.8	71.8	58.3	51.2
35°	30.0	34.1	47.1	34.7	28.2
37.5°	18.2	21.2	29.4	20.6	16.5
40°	9.4	13.5	17.1	12.4	8.8
42.5°	2.9	6.5	9.4	5.9	2.9
45°	0.6	1.8	5.3	1.8	0.6
47.5°	0.0	0.0	2.4	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)