

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: P1326503

Luminaire Tested: LDSQA3D09R35W2N902750DE010 3LSQCDR1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326503
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: LDSQA3D09R35W2N902750DE010 3LSQCDR1MW_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

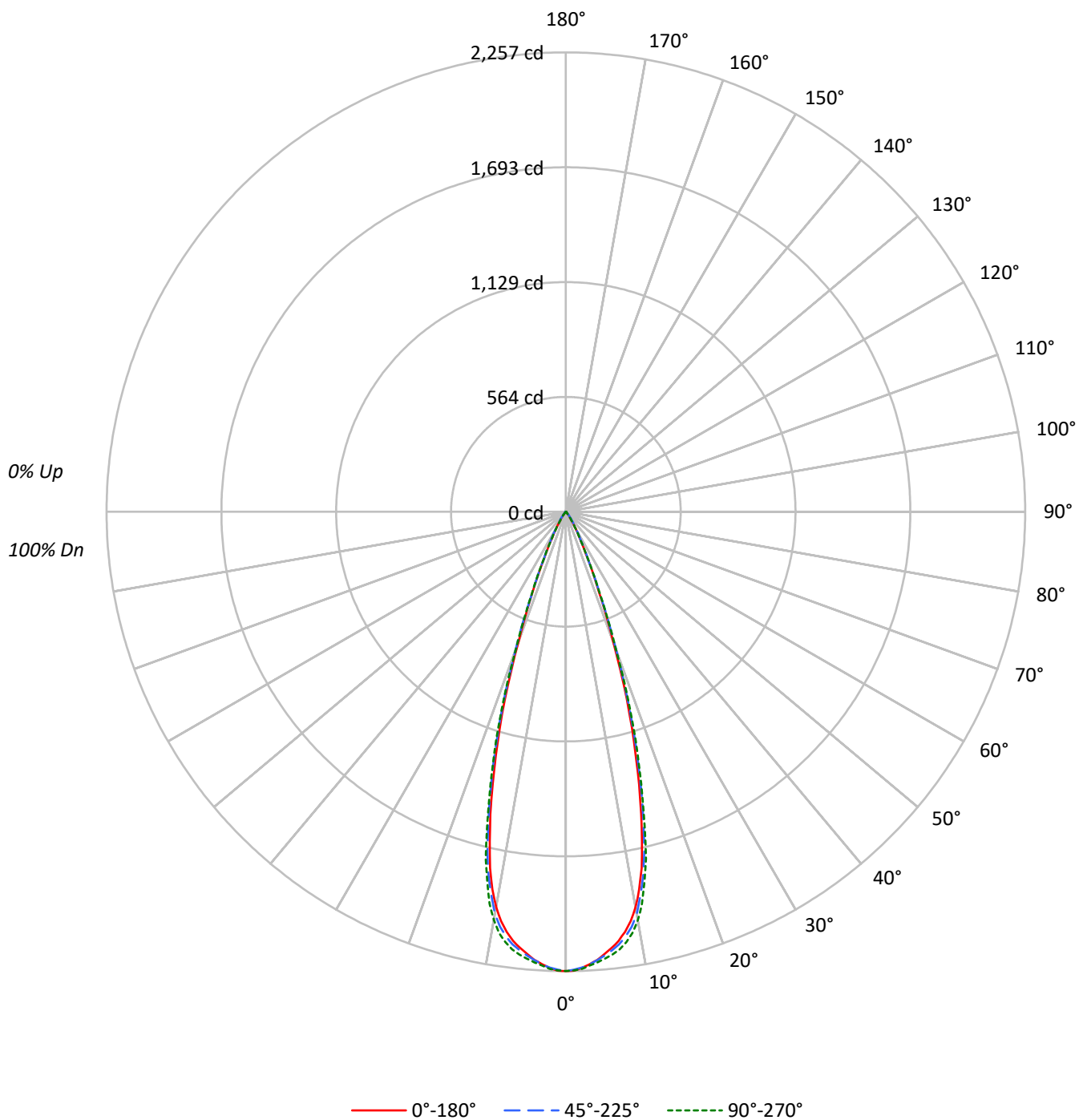
Lumens per Lamp: N/A
Luminaire Lumens: 758.1 lumens
Efficiency: N/A
Efficacy: 84.2 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1326503

CATALOG NUMBER: LDSQA3D09R35W2N902750DE010 3LSQCDR1MW_3500K

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	102	102	100
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	98	98	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	94	94	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	90	90	89
4	103	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	87	87	86
5	100	94	90	86	99	93	89	86	91	88	85	90	87	85	89	86	84	84	84	83
6	97	90	86	83	96	90	86	83	88	85	82	87	84	82	86	83	81	81	81	80
7	94	87	83	80	93	87	82	79	85	82	79	84	81	79	83	81	78	78	78	77
8	91	84	80	77	90	84	79	77	83	79	76	82	78	76	81	78	76	76	76	75
9	88	81	77	74	88	81	77	74	80	76	74	79	76	74	79	76	73	73	73	72
10	86	79	75	72	85	78	74	72	78	74	71	77	74	71	76	73	71	71	71	70

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	388638	388638	388638
5°	377139	378453	381011
10°	344985	350983	356352
15°	247620	256696	259334
20°	124554	131830	132142
25°	47203	48666	48894
30°	19171	21995	18813
35°	6959	10575	6707
40°	2923	4519	2788
45°	731	1875	731
50°	482	804	482
55°	540	540	540
60°	620	620	620
65°	489	489	489
70°	302	302	302
75°	399	399	399
80°	595	595	595
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 1875 cd/sqm

TEST NUMBER: P1326503

CATALOG NUMBER: LDSQA3D09R35W2N902750DE010 3LSQCDR1MW_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	204.0	26.9
10°-20°	380.1	50.1
20°-30°	136.7	18.0
30°-40°	28.7	3.8
40°-50°	5.0	0.7
50°-60°	1.6	0.2
60°-70°	1.2	0.2
70°-80°	0.6	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°	720.8	95.1
0°-40°	749.5	98.9
0°-60°	756.1	99.7
0°-90°	758.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	758.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2257	2257	2257	2257	2257	
5°	2182	2186	2189	2204	2204	202
15°	1389	1413	1440	1455	1454	370
25°	248	252	256	258	257	132
35°	33	39	50	38	32	25
45°	3	5	8	5	3	4
55°	2	2	2	2	2	2
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°	2256.6	2256.6	2256.6	2256.6	2256.6
1°	2255.4	2255.4	2250.7	2256.0	2254.2
2°	2243.0	2244.2	2241.2	2247.7	2247.1
3°	2225.8	2228.8	2226.4	2235.9	2232.9
4°	2207.5	2209.8	2208.7	2220.5	2219.3
5°	2181.5	2185.6	2189.1	2203.9	2203.9
6°	2154.8	2159.0	2166.7	2182.6	2188.0
7°	2124.1	2129.4	2141.8	2163.1	2166.7
8°	2085.0	2091.0	2108.1	2131.2	2135.9
9°	2036.5	2045.4	2064.9	2092.7	2095.7
10°	1972.7	1979.8	2007.0	2030.0	2037.7
11°	1889.8	1895.8	1920.0	1957.3	1962.0
12°	1789.3	1796.4	1827.7	1852.0	1856.7
13°	1662.1	1675.7	1713.6	1737.2	1750.3
14°	1531.4	1549.7	1576.9	1610.7	1602.4
15°	1388.8	1413.1	1439.7	1455.1	1454.5
17.5°	1039.3	1053.5	1077.1	1086.0	1097.8
20°	679.6	698.0	719.3	727.5	721.0
22.5°	421.7	426.5	433.0	436.5	435.3
25°	248.4	252.0	256.1	258.5	257.3
27.5°	149.6	157.9	163.8	156.7	152.6
30°	96.4	100.0	110.6	101.1	94.6
32.5°	57.4	65.7	74.5	63.3	55.0
35°	33.1	39.0	50.3	38.4	31.9
37.5°	21.3	24.3	32.5	23.7	20.7
40°	13.0	16.6	20.1	15.4	12.4
42.5°	6.5	10.1	11.8	8.9	6.5
45°	3.0	4.7	7.7	4.7	3.0
47.5°	1.8	2.4	4.7	2.4	1.8
50°	1.8	1.8	3.0	1.8	1.8
52.5°	1.8	1.8	1.8	1.8	1.8
55°	1.8	1.8	1.8	1.8	1.8
57.5°	1.8	1.8	1.8	1.8	1.8
60°	1.8	1.8	1.8	1.8	1.8
62.5°	1.2	1.2	1.2	1.2	1.2
65°	1.2	1.2	1.2	1.2	1.2
67.5°	1.2	1.2	1.2	1.2	1.2
70°	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6
82.5°	0.6	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



TEST NUMBER: P1326503

CATALOG NUMBER: LDSQA3D09R35W2N902750DE010 3LSQCDR1MW_3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)