

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: P1326502

Luminaire Tested: LDSQA3D09R35W2N902750DE010 3LSQCDR1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326502
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_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

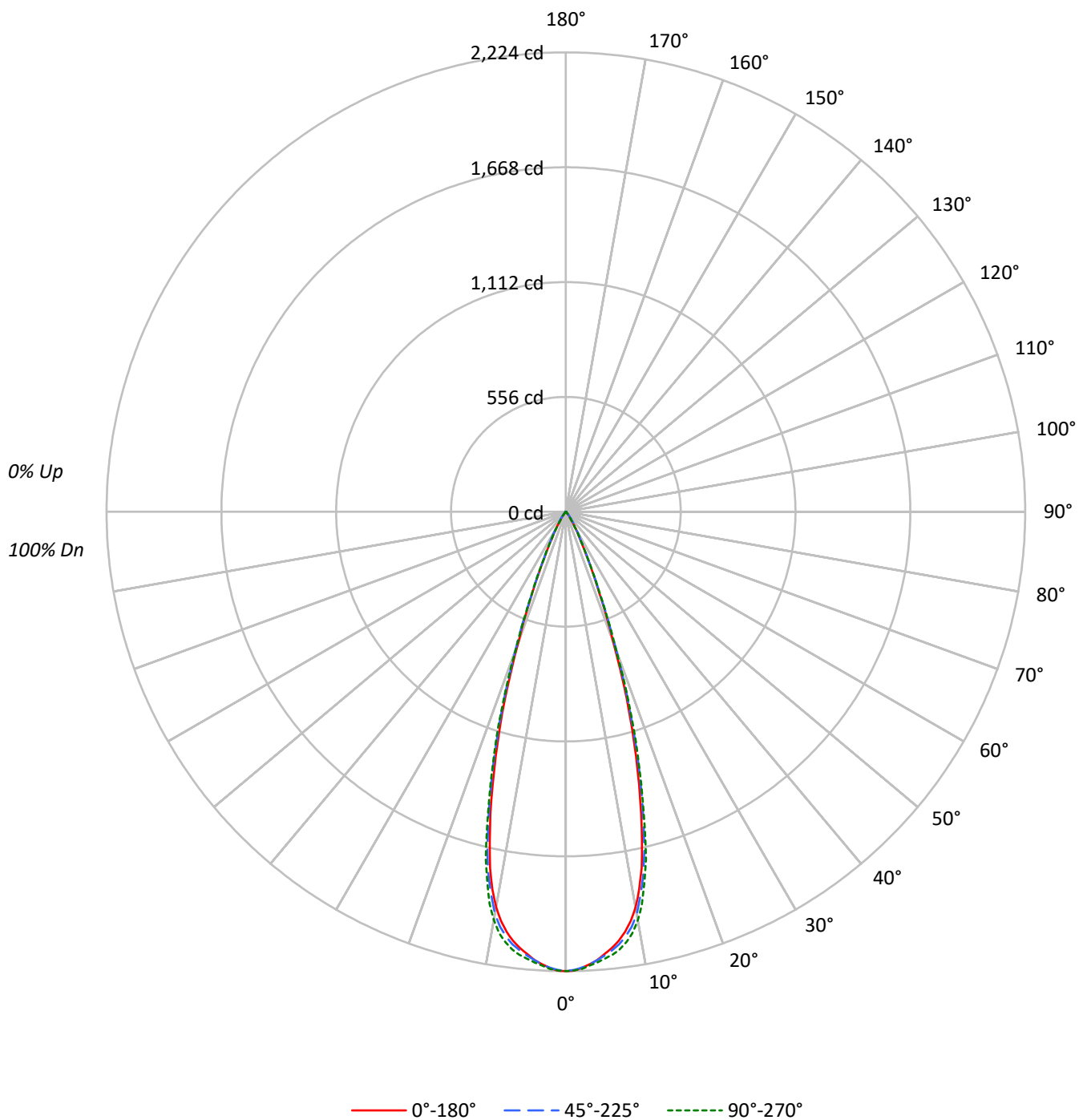
Lumens per Lamp: N/A
Luminaire Lumens: 747.0 lumens
Efficiency: N/A
Efficacy: 83.0 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	382989	382989	382989
5°	371659	372972	375479
10°	339966	345877	351175
15°	244036	252969	255572
20°	122758	129906	130236
25°	46519	47963	48191
30°	18892	21676	18554
35°	6854	10407	6623
40°	2878	4451	2743
45°	706	1851	706
50°	455	777	455
55°	510	510	510
60°	586	586	586
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: 1851 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.1	26.9
10°-20°	374.6	50.1
20°-30°	134.7	18.0
30°-40°	28.3	3.8
40°-50°	4.9	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°	710.4	95.1
0°-40°	738.7	98.9
0°-60°	745.1	99.7
0°-90°	747.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	747.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2224	2224	2224	2224	2224	
5°	2150	2154	2157	2172	2172	199
15°	1369	1393	1419	1434	1433	364
25°	245	248	252	255	254	130
35°	33	38	50	38	32	25
45°	3	5	8	5	3	3
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°	2223.8	2223.8	2223.8	2223.8	2223.8
1°	2222.7	2222.7	2218.0	2223.2	2221.5
2°	2210.4	2211.6	2208.7	2215.1	2214.5
3°	2193.5	2196.4	2194.1	2203.4	2200.5
4°	2175.4	2177.8	2176.6	2188.3	2187.1
5°	2149.8	2153.9	2157.4	2171.9	2171.9
6°	2123.6	2127.6	2135.2	2151.0	2156.2
7°	2093.3	2098.5	2110.7	2131.7	2135.2
8°	2054.8	2060.6	2077.5	2100.3	2104.9
9°	2007.0	2015.7	2035.0	2062.4	2065.3
10°	1944.0	1951.0	1977.8	2000.6	2008.1
11°	1862.4	1868.2	1892.1	1928.9	1933.5
12°	1763.3	1770.3	1801.2	1825.1	1829.8
13°	1638.0	1651.4	1688.7	1712.0	1724.9
14°	1509.2	1527.2	1554.1	1587.3	1579.1
15°	1368.7	1392.6	1418.8	1434.0	1433.4
17.5°	1024.2	1038.2	1061.5	1070.2	1081.9
20°	669.8	687.8	708.8	717.0	710.6
22.5°	415.6	420.3	426.7	430.2	429.0
25°	244.8	248.3	252.4	254.7	253.6
27.5°	147.5	155.6	161.5	154.5	150.4
30°	95.0	98.5	109.0	99.7	93.3
32.5°	56.5	64.7	73.4	62.4	54.2
35°	32.6	38.5	49.5	37.9	31.5
37.5°	21.0	23.9	32.1	23.3	20.4
40°	12.8	16.3	19.8	15.2	12.2
42.5°	6.4	9.9	11.7	8.7	6.4
45°	2.9	4.7	7.6	4.7	2.9
47.5°	1.7	2.3	4.7	2.3	1.7
50°	1.7	1.7	2.9	1.7	1.7
52.5°	1.7	1.7	1.7	1.7	1.7
55°	1.7	1.7	1.7	1.7	1.7
57.5°	1.7	1.7	1.7	1.7	1.7
60°	1.7	1.7	1.7	1.7	1.7
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



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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)