

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: P1324540

Luminaire Tested: LDSQA3D05R25W2N902750DE010 3LSQPHR1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324540
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R25W2N902750DE010 3LSQPHR1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
3LSQPHR1MW TRIM
Light Source: -
Ballast/Driver: -

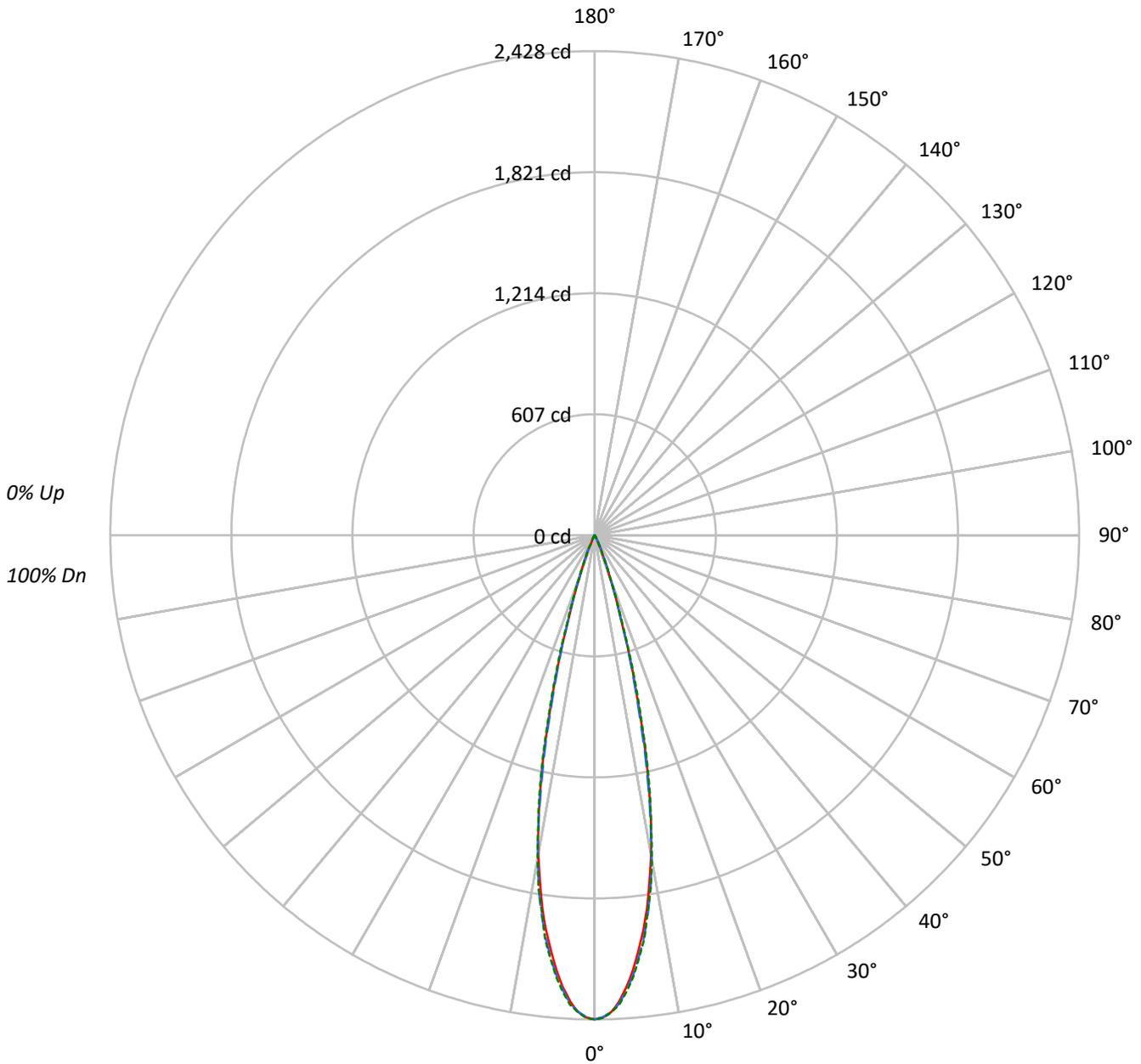
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 448.0 lumens
Efficiency: N/A
Efficacy: 75.9 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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



— 0°-180° - - 45°-225° - · - · 90°-270°



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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	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	100	99	97	97	96	95	95	94	93	93	91	89	88															
1	115	113	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97	97	96	95	94	93	92	91	91	89	87	86	85																
2	112	109	106	104	110	107	105	103	104	102	101	101	100	98	99	97	96	95	94	93	92	91	90	89	88	87	86	85	84	83																
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	93	92	91	90	89	88	87	86	85	84	83	82	81																
4	106	101	98	95	105	100	97	95	99	96	94	97	94	93	95	93	92	91	90	89	88	87	86	85	84	83	82	81	80	79																
5	104	98	95	92	102	98	94	92	96	93	91	95	92	90	93	91	89	88	87	86	85	84	83	82	81	80	79	78	77	76																
6	101	96	92	89	100	95	92	89	94	91	89	93	90	88	91	89	87	86	85	84	83	82	81	80	79	78	77	76	75	74																
7	99	93	89	87	98	93	89	87	92	89	86	91	88	86	90	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73																
8	97	91	87	85	96	90	87	85	90	86	84	89	86	84	88	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71																
9	95	89	85	83	94	88	85	83	88	85	82	87	84	82	86	84	82	81	80	79	78	77	76	75	74	73	72	71	70	69																
10	93	87	83	81	92	86	83	81	86	83	81	85	82	80	85	82	80	79	78	77	76	75	74	73	72	71	70	69	68	67																

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	418070	418070	418070
5°	378850	382308	384175
10°	284809	286837	288166
15°	141016	136826	145937
20°	39826	40486	40925
25°	6917	13055	8190
30°	2705	2784	2864
35°	841	925	925
40°	270	360	270
45°	195	97	195
50°	107	0	107
55°	120	0	120
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: 0°
 Vertical Angle: 45°
 Luminance: 195 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	192.8	43.0
10°-20°	217.5	48.5
20°-30°	33.7	7.5
30°-40°	3.4	0.8
40°-50°	0.5	0.1
50°-60°	0.1	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°	444.0	99.1
0°-40°	447.5	99.9
0°-60°	448.0	100.0
0°-90°	448.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	448.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2428	2428	2428	2428	2428	
5°	2191	2195	2211	2220	2222	191
15°	791	785	767	802	818	217
25°	36	54	69	52	43	31
35°	4	4	4	5	4	3
45°	1	0	0	0	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	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2427.5	2427.5	2427.5	2427.5	2427.5
1°	2417.5	2420.7	2417.1	2421.1	2420.7
2°	2392.3	2395.5	2391.1	2393.5	2393.5
3°	2340.8	2347.6	2351.6	2354.4	2356.8
4°	2272.9	2280.5	2286.5	2293.7	2293.7
5°	2191.4	2195.4	2211.4	2220.2	2222.2
6°	2094.4	2110.3	2122.3	2139.9	2129.1
7°	1997.3	2010.5	2027.2	2030.0	2037.6
8°	1887.0	1901.0	1916.6	1913.8	1907.4
9°	1752.8	1773.2	1791.6	1785.6	1793.6
10°	1628.6	1641.0	1640.2	1634.2	1647.8
11°	1484.4	1487.2	1471.6	1496.0	1481.2
12°	1313.4	1315.8	1295.8	1319.8	1335.0
13°	1149.6	1144.0	1116.5	1148.0	1167.2
14°	961.1	963.1	927.9	989.1	984.3
15°	790.9	785.3	767.4	801.7	818.5
17.5°	421.4	425.0	420.6	437.8	448.6
20°	217.3	223.3	220.9	228.1	223.3
22.5°	112.6	121.0	123.4	117.8	102.7
25°	36.4	53.9	68.7	52.3	43.1
27.5°	22.0	21.6	33.6	23.2	23.6
30°	13.6	13.2	14.0	14.0	14.4
32.5°	7.6	8.0	7.6	8.4	8.0
35°	4.0	4.4	4.4	4.8	4.4
37.5°	2.4	2.8	2.8	2.8	2.4
40°	1.2	1.6	1.6	1.2	1.2
42.5°	0.8	0.8	0.8	0.8	0.8
45°	0.8	0.4	0.4	0.4	0.8
47.5°	0.4	0.4	0.0	0.4	0.4
50°	0.4	0.4	0.0	0.4	0.4
52.5°	0.4	0.0	0.0	0.0	0.4
55°	0.4	0.0	0.0	0.0	0.4
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)