

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: P1324525

Luminaire Tested: LDSQA3D05R25W2N902750DE010 3LSQCDR1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324525
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R25W2N902750DE010 3LSQCDR1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

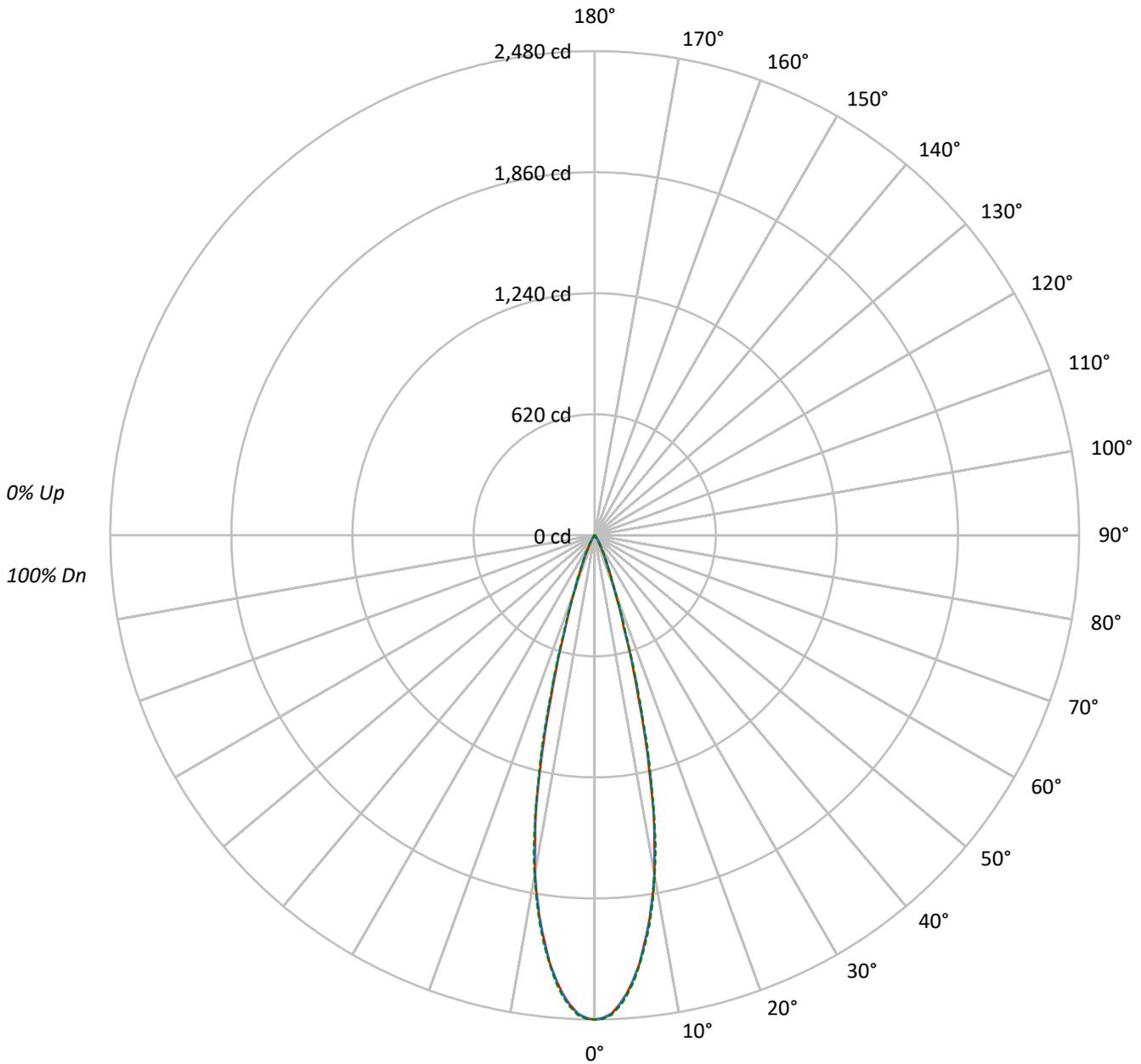
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 524.0 lumens
Efficiency: N/A
Efficacy: 88.8 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
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	
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	99	99	100	
1	115	113	111	110	113	111	109	108	107	106	105	103	102	102	100	99	99	97	97	97	97	
2	112	108	105	103	110	107	104	102	103	101	100	101	99	97	98	97	95	94	94	94	94	
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93	91	91	91	91	
4	105	100	96	93	104	99	96	93	97	94	92	95	93	91	94	92	90	89	89	89	89	
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	91	89	87	86	86	86	86	
6	100	94	90	87	98	93	89	87	92	88	86	90	88	86	89	87	85	84	84	84	84	
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	82	82	82	82	
8	95	88	84	82	94	88	84	82	87	84	81	86	83	81	85	83	81	80	80	80	80	
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79	78	78	78	78	
10	90	84	80	78	89	84	80	77	83	80	77	82	79	77	82	79	77	76	76	76	76	

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	427181	427181	427181
5°	394582	394444	396640
10°	308225	307386	309484
15°	155066	161538	161395
20°	53058	54524	53645
25°	21321	23981	22233
30°	8651	10321	8412
35°	2523	4541	2523
40°	1169	1978	1169
45°	390	779	390
50°	214	322	214
55°	240	240	240
60°	276	276	276
65°	163	163	163
70°	201	201	201
75°	266	266	266
80°	0	397	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 779 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.2	38.4
10°-20°	246.3	47.0
20°-30°	60.2	11.5
30°-40°	12.4	2.4
40°-50°	2.2	0.4
50°-60°	0.7	0.1
60°-70°	0.6	0.1
70°-80°	0.4	0.1
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°	507.7	96.9
0°-40°	520.2	99.3
0°-60°	523.1	99.8
0°-90°	524.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	524.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2480	2480	2480	2480	2480	
5°	2282	2284	2282	2286	2294	201
15°	870	884	906	910	905	243
25°	112	117	126	119	117	57
35°	12	17	22	16	12	10
45°	2	2	3	2	2	2
55°	1	1	1	1	1	1
65°	0	1	0	0	0	1
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°	2480.4	2480.4	2480.4	2480.4	2480.4
1°	2475.6	2472.4	2471.6	2472.0	2476.0
2°	2453.3	2451.3	2450.9	2452.1	2457.7
3°	2407.7	2410.1	2410.9	2414.9	2417.7
4°	2351.8	2356.6	2354.6	2359.4	2362.6
5°	2282.4	2284.4	2281.6	2286.4	2294.3
6°	2201.3	2194.1	2200.9	2202.9	2208.5
7°	2100.3	2101.9	2104.3	2106.7	2115.1
8°	2000.9	1996.1	1994.9	2006.1	2012.8
9°	1884.7	1885.5	1881.1	1893.8	1895.8
10°	1762.5	1752.5	1757.7	1767.7	1769.7
11°	1601.2	1598.4	1606.0	1621.5	1633.9
12°	1449.8	1451.4	1459.4	1464.6	1461.8
13°	1249.8	1261.8	1271.7	1276.9	1270.2
14°	1068.9	1068.9	1081.7	1083.7	1108.0
15°	869.7	884.4	906.0	910.0	905.2
17.5°	502.3	504.3	514.7	514.3	521.9
20°	289.5	292.3	297.5	296.3	292.7
22.5°	174.1	180.1	192.5	182.5	179.7
25°	112.2	117.4	126.2	119.0	117.0
27.5°	70.3	73.9	80.7	74.3	71.1
30°	43.5	45.5	51.9	45.9	42.3
32.5°	23.6	28.7	33.9	28.7	23.6
35°	12.0	16.8	21.6	16.4	12.0
37.5°	8.0	9.6	14.0	9.2	8.0
40°	5.2	6.4	8.8	6.4	5.2
42.5°	2.8	4.0	4.8	4.4	2.8
45°	1.6	2.4	3.2	2.4	1.6
47.5°	1.2	1.2	2.0	1.2	0.8
50°	0.8	0.8	1.2	0.8	0.8
52.5°	0.8	0.8	0.8	0.8	0.8
55°	0.8	0.8	0.8	0.8	0.8
57.5°	0.8	0.8	0.8	0.8	0.8
60°	0.8	0.8	0.8	0.8	0.8
62.5°	0.8	0.8	0.8	0.8	0.8
65°	0.4	0.8	0.4	0.4	0.4
67.5°	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4
80°	0.0	0.0	0.4	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)