

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: P1324699

Luminaire Tested: LDSQA3D05R30W2N902750DE010 3LSQCDR1MB_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324699
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R30W2N902750DE010 3LSQCDR1MB_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

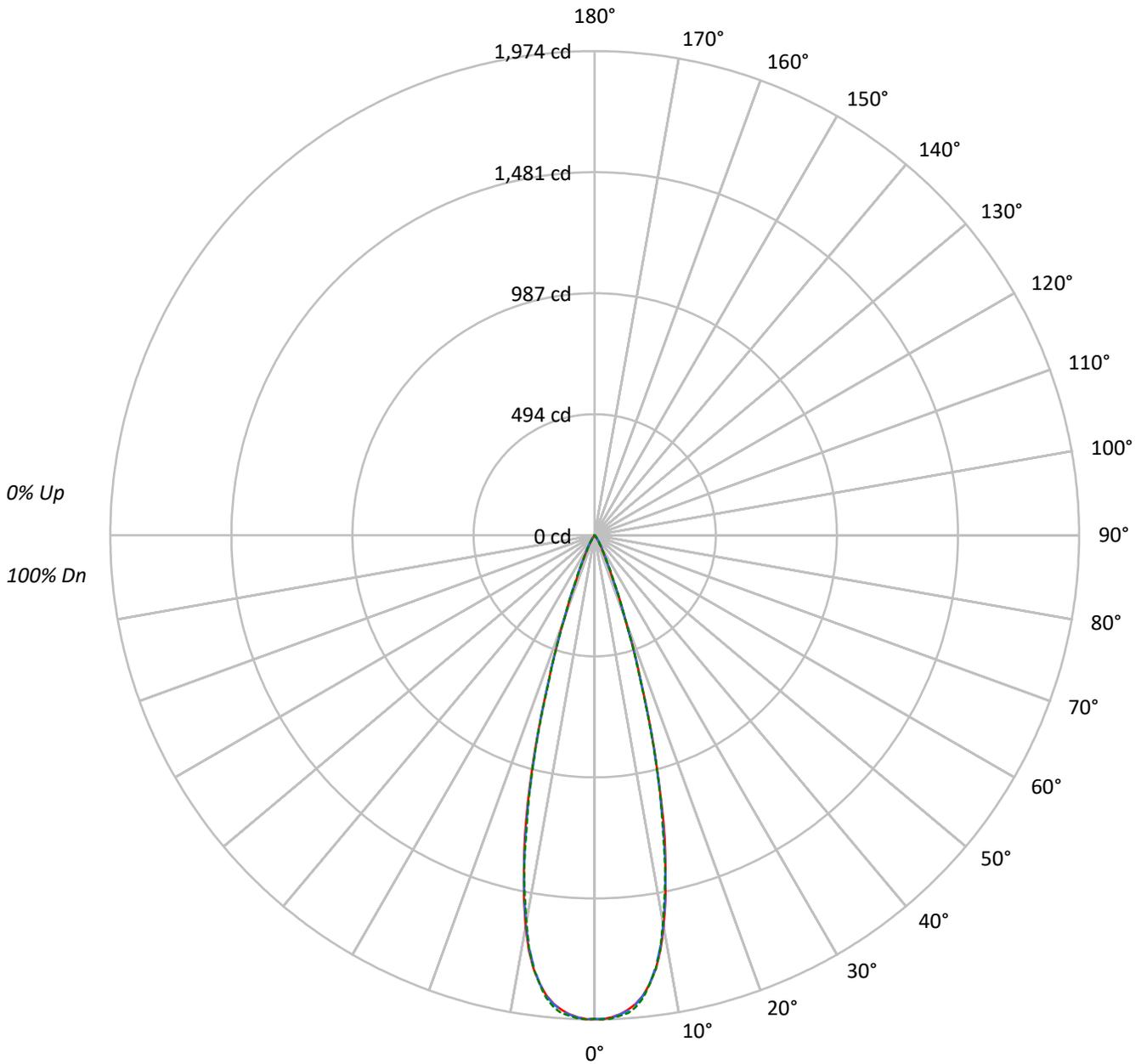
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 509.0 lumens
Efficiency: N/A
Efficacy: 86.3 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.46
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	99	99	97	98	96	95	94	95	94	92	91	100																
1	115	113	111	110	113	111	109	108	107	106	105	103	102	101	100	99	99	100	99	97	98	96	95	94	95	94	92	91	97	97																
2	112	108	105	103	109	106	104	102	103	101	99	100	99	97	98	95	94	95	94	92	93	91	89	88	89	87	86	84	83	94	94															
3	108	104	100	97	106	102	99	97	100	97	95	98	95	94	95	92	90	93	91	89	88	86	85	84	83	82	81	80	89	89																
4	105	100	96	93	103	99	95	92	97	94	91	95	92	90	93	91	89	88	86	85	84	83	82	81	80	79	78	77	76	76																
5	102	96	92	89	101	95	92	89	94	91	88	92	90	87	91	89	87	86	84	83	82	81	80	79	78	77	76	75	74	74																
6	99	93	89	86	98	92	89	86	91	88	85	90	87	85	89	86	84	83	82	81	80	79	78	77	76	75	74	73	73	73																
7	96	90	86	83	95	90	86	83	89	85	83	87	85	82	87	84	82	81	80	79	78	77	76	75	74	73	72	72	72	72																
8	94	88	84	81	93	87	83	81	86	83	80	85	82	80	84	82	80	79	78	77	76	75	74	73	72	71	71	71	71	71																
9	91	85	81	78	91	85	81	78	84	80	78	83	80	78	82	80	78	77	76	75	74	73	72	71	70	70	70	70	70	70																
10	89	83	79	76	88	82	79	76	82	78	76	81	78	76	80	78	76	75	74	73	72	71	70	69	69	69	69	69	69	69																

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	339726	339726	339726
5°	331447	331861	333711
10°	283077	281766	280104
15°	174696	172646	173288
20°	66016	66382	66309
25°	20314	22271	21207
30°	8193	10401	8511
35°	2418	4415	2502
40°	989	1776	989
45°	195	585	195
50°	0	107	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: 585 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	174.0	34.2
10°-20°	257.6	50.6
20°-30°	63.9	12.6
30°-40°	12.0	2.4
40°-50°	1.5	0.3
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°	495.5	97.3
0°-40°	507.5	99.7
0°-60°	509.0	100.0
0°-90°	509.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	509.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1973	1973	1973	1973	1973	
5°	1917	1916	1920	1923	1930	174
15°	980	970	968	976	972	259
25°	107	114	117	117	112	62
35°	12	15	21	15	12	10
45°	1	1	2	2	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°	1972.6	1972.6	1972.6	1972.6	1972.6
1°	1973.4	1971.8	1971.8	1969.4	1973.8
2°	1966.3	1964.7	1967.5	1965.5	1971.0
3°	1955.6	1953.6	1957.6	1958.8	1961.5
4°	1939.8	1938.2	1942.5	1944.9	1952.4
5°	1917.2	1916.4	1919.6	1922.7	1930.3
6°	1886.3	1885.1	1887.1	1891.1	1895.8
7°	1841.6	1839.2	1840.8	1841.6	1842.8
8°	1785.0	1781.4	1779.4	1783.8	1786.2
9°	1712.1	1708.2	1703.8	1702.2	1707.8
10°	1618.7	1612.8	1611.2	1607.2	1601.7
11°	1510.2	1505.5	1504.3	1497.2	1494.0
12°	1385.9	1383.6	1386.3	1382.0	1380.4
13°	1266.8	1251.7	1249.8	1241.4	1237.1
14°	1125.9	1112.0	1111.6	1107.2	1113.2
15°	979.8	970.3	968.3	975.8	971.9
17.5°	624.7	631.0	629.4	625.5	618.7
20°	360.2	355.9	362.2	363.8	361.8
22.5°	192.0	193.6	194.8	199.5	202.7
25°	106.9	114.0	117.2	116.8	111.6
27.5°	66.5	70.9	76.8	72.8	68.5
30°	41.2	44.7	52.3	45.1	42.8
32.5°	22.2	28.1	33.6	28.1	23.0
35°	11.5	15.0	21.0	15.4	11.9
37.5°	7.5	8.7	13.5	8.7	7.5
40°	4.4	5.5	7.9	5.5	4.4
42.5°	2.0	3.2	4.4	3.2	2.0
45°	0.8	1.2	2.4	1.6	0.8
47.5°	0.0	0.4	1.2	0.4	0.0
50°	0.0	0.0	0.4	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)