

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: P1324790

Luminaire Tested: LDSQA3D05R30W2N902765DE010 3LSQCDR1MB_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324790
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: LDSQA3D05R30W2N902765DE010 3LSQCDR1MB_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

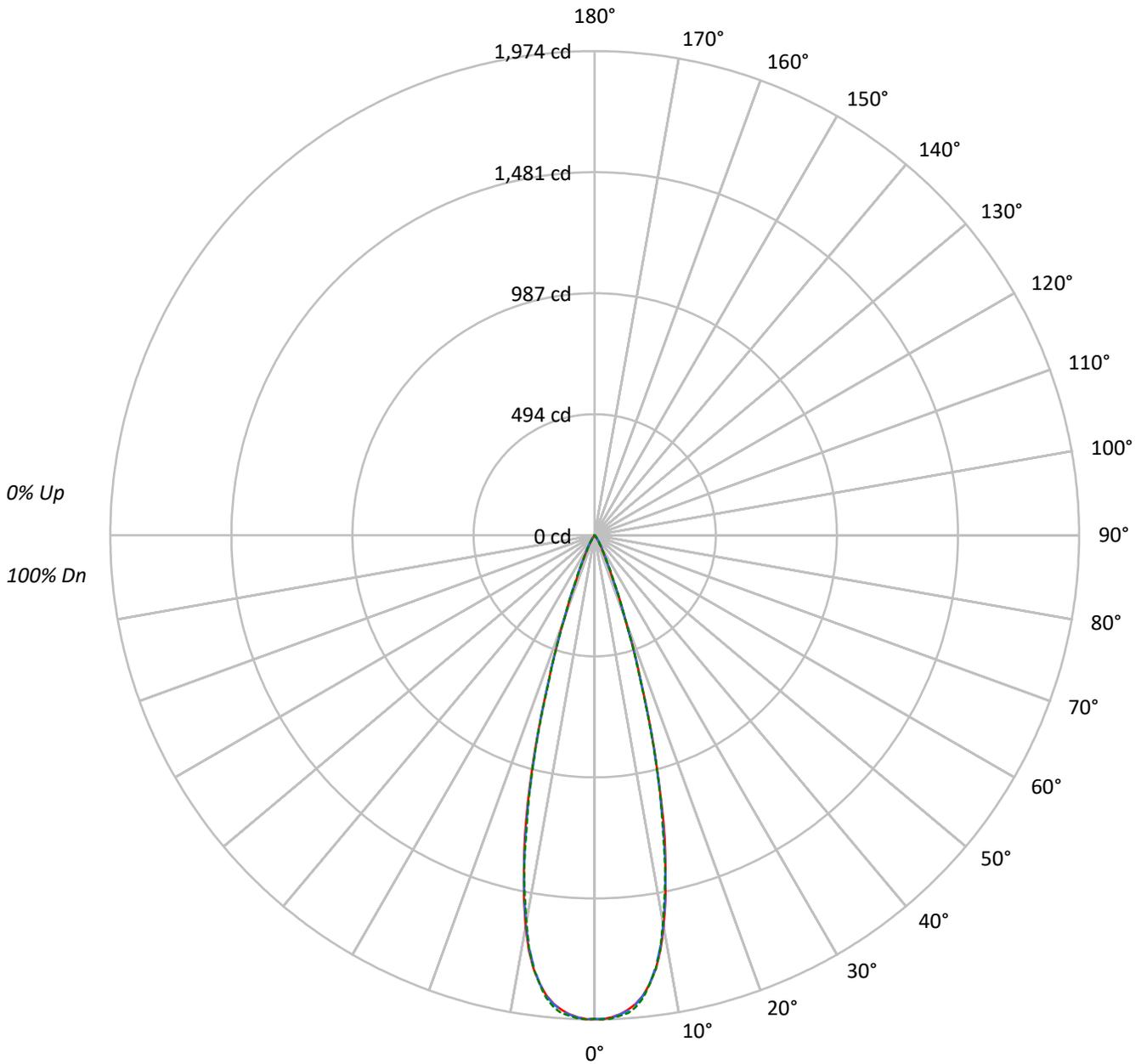
Summary

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

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)