

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: P1324527

Luminaire Tested: LDSQA3D05R25W2N902750DE010 3LSQPHR1MB_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324527
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 3LSQPHR1MB_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQPHR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

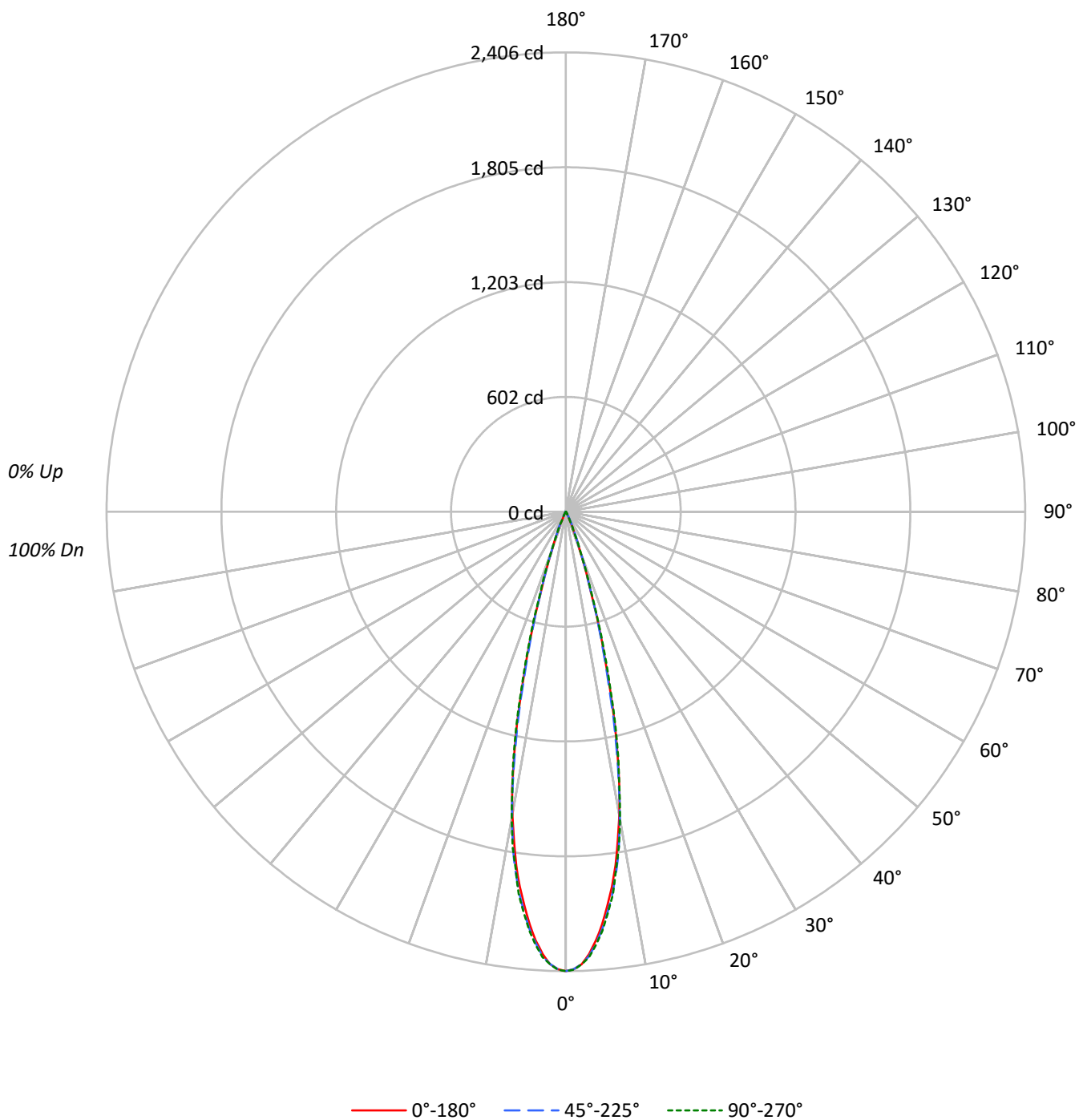
Lumens per Lamp: N/A
Luminaire Lumens: 444.0 lumens
Efficiency: N/A
Efficacy: 75.3 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	115	113	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97	97	97
2	112	109	106	104	110	107	105	103	104	102	101	101	100	98	99	97	96	95	95	95
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	93	93	93
4	106	101	98	95	105	100	97	95	99	96	94	97	94	93	95	93	92	91	91	91
5	104	98	95	92	102	98	94	92	96	93	91	95	92	90	93	91	89	88	88	88
6	101	96	92	89	100	95	92	89	94	91	89	93	90	88	91	89	87	86	86	86
7	99	93	89	87	98	93	89	87	92	89	86	91	88	86	90	87	86	85	85	85
8	97	91	87	85	96	90	87	85	90	86	84	89	86	84	88	85	84	83	83	83
9	95	89	85	83	94	88	85	83	88	85	82	87	84	82	86	84	82	81	81	81
10	93	87	83	81	92	86	83	81	86	83	81	85	82	80	85	82	80	80	80	80

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	414333	414333	414333
5°	375479	378885	380735
10°	282255	284267	285578
15°	139768	135596	144635
20°	39478	40119	40559
25°	6841	12941	8133
30°	2685	2764	2844
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°	191.1	43.0
10°-20°	215.5	48.5
20°-30°	33.4	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°	440.1	99.1
0°-40°	443.5	99.9
0°-60°	444.0	100.0
0°-90°	444.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	444.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2406	2406	2406	2406	2406	
5°	2172	2176	2192	2200	2202	189
15°	784	778	760	795	811	215
25°	36	53	68	52	43	30
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2405.8	2405.8	2405.8	2405.8	2405.8
1°	2395.9	2399.1	2395.5	2399.5	2399.1
2°	2371.0	2374.2	2369.8	2372.2	2372.2
3°	2319.9	2326.6	2330.6	2333.4	2335.8
4°	2252.6	2260.1	2266.1	2273.2	2273.2
5°	2171.9	2175.8	2191.6	2200.4	2202.3
6°	2075.7	2091.5	2103.4	2120.8	2110.1
7°	1979.4	1992.5	2009.1	2011.9	2019.4
8°	1870.2	1884.0	1899.5	1896.7	1890.4
9°	1737.2	1757.4	1775.6	1769.6	1777.5
10°	1614.0	1626.3	1625.5	1619.6	1633.0
11°	1471.1	1473.9	1458.5	1482.6	1468.0
12°	1301.7	1304.1	1284.3	1308.0	1323.1
13°	1139.4	1133.8	1106.5	1137.8	1156.8
14°	952.5	954.5	919.7	980.2	975.5
15°	783.9	778.3	760.5	794.6	811.2
17.5°	417.7	421.2	416.9	433.9	444.6
20°	215.4	221.3	218.9	226.1	221.3
22.5°	111.6	120.0	122.3	116.8	101.7
25°	36.0	53.4	68.1	51.9	42.8
27.5°	21.8	21.4	33.3	23.0	23.4
30°	13.5	13.1	13.9	13.9	14.3
32.5°	7.5	7.9	7.5	8.3	7.9
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)