

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: P1324512

Luminaire Tested: LDSQA3D05R25W2N902750DE010 3LSQCDR1MB_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324512
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R25W2N902750DE010 3LSQCDR1MB_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

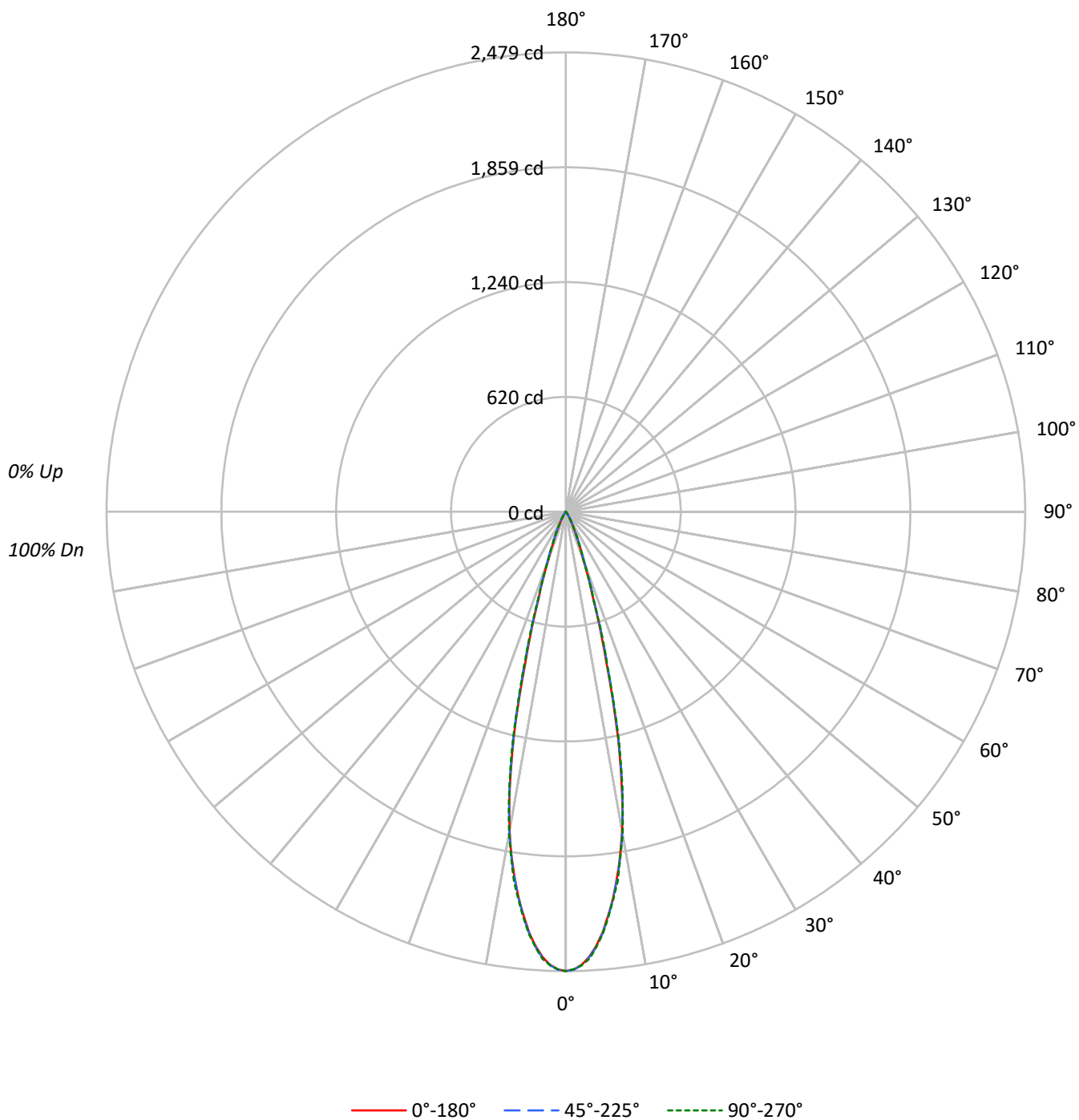
Lumens per Lamp: N/A
Luminaire Lumens: 516.0 lumens
Efficiency: N/A
Efficacy: 87.5 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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



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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	426923	426923	426923
5°	393666	394548	395378
10°	305654	306756	308417
15°	151054	157401	157473
20°	50859	54268	51867
25°	21055	23392	21663
30°	8273	10401	8352
35°	2166	4247	2250
40°	809	1686	809
45°	97	487	97
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: 487 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	200.9	38.9
10°-20°	243.0	47.1
20°-30°	59.3	11.5
30°-40°	11.5	2.2
40°-50°	1.3	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°	503.2	97.5
0°-40°	514.7	99.7
0°-60°	516.0	100.0
0°-90°	516.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	516.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2479	2479	2479	2479	2479	
5°	2277	2280	2282	2292	2287	200
15°	847	867	883	892	883	239
25°	111	117	123	118	114	56
35°	10	15	20	15	11	9
45°	0	1	2	1	0	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°	2478.9	2478.9	2478.9	2478.9	2478.9
1°	2469.4	2471.0	2471.4	2473.8	2469.1
2°	2446.9	2447.3	2448.5	2453.2	2448.9
3°	2405.3	2408.1	2408.5	2414.8	2416.0
4°	2348.7	2350.3	2353.5	2364.1	2354.6
5°	2277.1	2280.2	2282.2	2292.1	2287.0
6°	2188.4	2189.2	2193.5	2205.0	2197.9
7°	2098.1	2097.7	2098.1	2107.2	2105.2
8°	1989.3	1987.3	1993.6	2004.7	2012.2
9°	1875.6	1878.4	1882.4	1893.1	1884.3
10°	1747.8	1755.3	1754.1	1754.9	1763.6
11°	1600.5	1602.9	1603.3	1611.6	1610.4
12°	1427.5	1427.5	1440.6	1454.0	1449.7
13°	1252.9	1265.2	1256.5	1259.3	1276.7
14°	1049.5	1059.0	1070.8	1081.9	1073.2
15°	847.2	867.4	882.8	891.5	883.2
17.5°	485.3	492.1	505.1	506.7	501.6
20°	277.5	285.8	296.1	292.9	283.0
22.5°	174.6	177.0	187.2	182.1	179.7
25°	110.8	116.8	123.1	118.0	114.0
27.5°	68.9	72.8	79.6	74.0	69.7
30°	41.6	45.1	52.3	44.7	42.0
32.5°	21.8	26.9	32.9	27.3	21.8
35°	10.3	14.6	20.2	14.6	10.7
37.5°	6.3	7.9	12.3	7.9	6.3
40°	3.6	5.1	7.5	5.1	3.6
42.5°	1.6	2.8	3.6	2.8	2.0
45°	0.4	1.2	2.0	1.2	0.4
47.5°	0.0	0.0	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)