

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: P1324615

Luminaire Tested: LDSQA3D05R25W2N902765DE010 3LSQCDR1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324615
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: LDSQA3D05R25W2N902765DE010 3LSQCDR1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

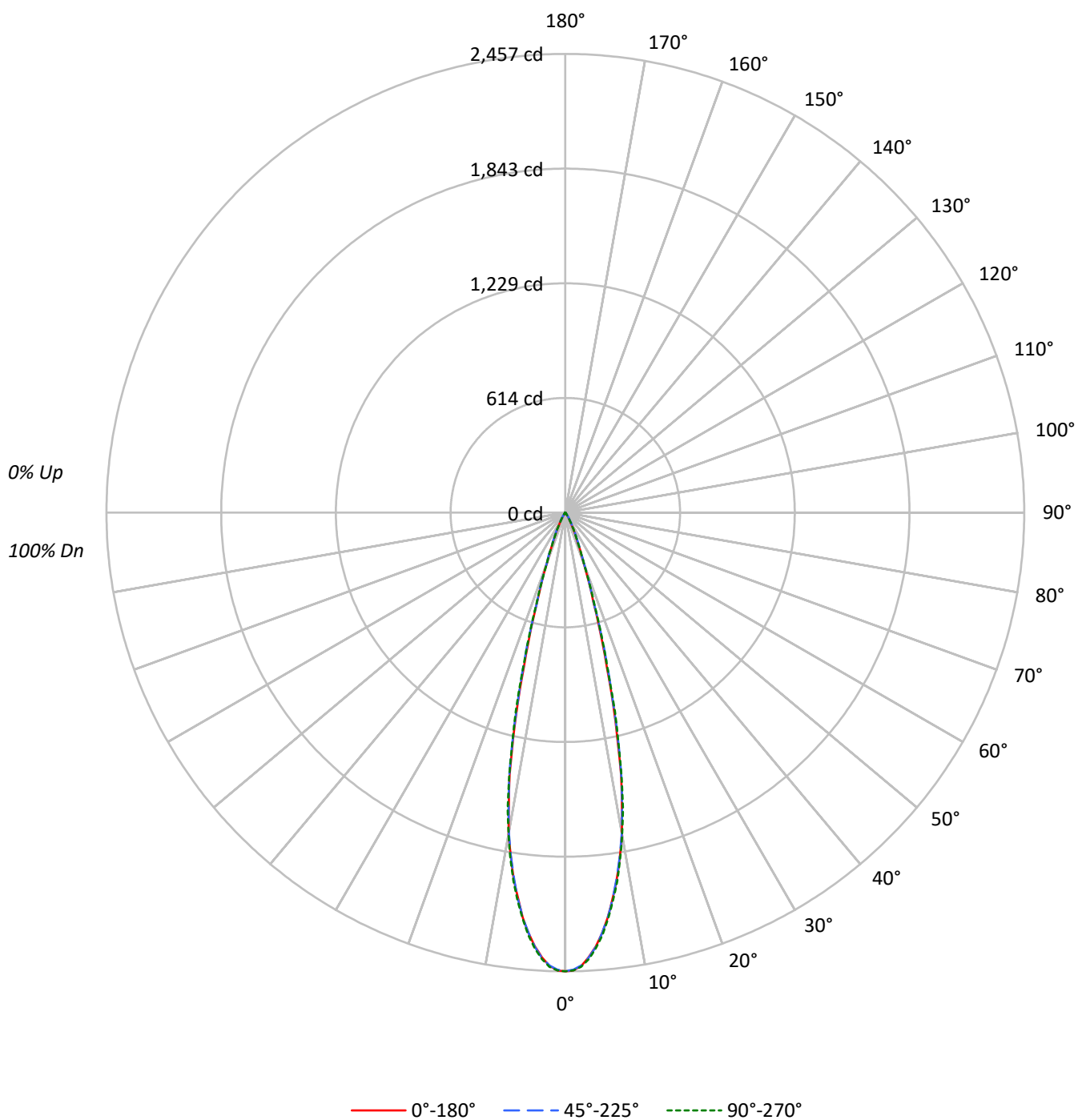
Lumens per Lamp: N/A
Luminaire Lumens: 519.0 lumens
Efficiency: N/A
Efficacy: 88.0 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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



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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	99	99
1	115	113	111	110	113	111	109	108	107	106	105	103	102	102	100	99	99	97	97	97
2	112	108	105	103	110	107	104	102	103	101	100	101	99	97	98	97	95	94	94	94
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93	91	91	91
4	105	100	96	93	104	99	96	93	97	94	92	95	93	91	94	92	90	89	89	89
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	91	89	87	86	86	86
6	100	94	90	87	98	93	89	87	92	88	86	90	88	86	89	87	85	84	84	84
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	82	82	82
8	95	88	84	82	94	88	84	82	87	84	81	86	83	81	85	83	81	80	80	80
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79	78	78	78
10	90	84	80	78	89	83	80	77	83	80	77	82	79	77	82	79	77	76	76	76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	423099	423099	423099
5°	390814	390675	392854
10°	305287	304448	306529
15°	153586	160005	159862
20°	52545	53993	53132
25°	21112	23753	22024
30°	8571	10222	8332
35°	2502	4499	2502
40°	1147	1956	1147
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°	199.3	38.4
10°-20°	244.0	47.0
20°-30°	59.6	11.5
30°-40°	12.3	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°	502.9	96.9
0°-40°	515.2	99.3
0°-60°	518.1	99.8
0°-90°	519.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	519.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2457	2457	2457	2457	2457	
5°	2261	2263	2260	2264	2272	199
15°	861	876	897	901	897	240
25°	111	116	125	118	116	57
35°	12	17	21	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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2456.7	2456.7	2456.7	2456.7	2456.7
1°	2452.0	2448.8	2448.0	2448.4	2452.4
2°	2429.8	2427.9	2427.5	2428.7	2434.2
3°	2384.8	2387.1	2387.9	2391.9	2394.7
4°	2329.4	2334.1	2332.2	2336.9	2340.1
5°	2260.6	2262.6	2259.8	2264.5	2272.4
6°	2180.3	2173.2	2179.9	2181.9	2187.4
7°	2080.2	2081.8	2084.2	2086.6	2094.9
8°	1981.8	1977.0	1975.8	1986.9	1993.6
9°	1866.7	1867.5	1863.1	1875.8	1877.8
10°	1745.7	1735.8	1740.9	1750.8	1752.8
11°	1585.9	1583.1	1590.6	1606.1	1618.3
12°	1436.0	1437.6	1445.5	1450.6	1447.9
13°	1237.9	1249.7	1259.6	1264.8	1258.0
14°	1058.7	1058.7	1071.4	1073.3	1097.5
15°	861.4	876.0	897.4	901.3	896.6
17.5°	497.5	499.5	509.8	509.4	516.9
20°	286.7	289.5	294.6	293.4	289.9
22.5°	172.4	178.4	190.6	180.7	178.0
25°	111.1	116.3	125.0	117.9	115.9
27.5°	69.6	73.2	79.9	73.6	70.4
30°	43.1	45.1	51.4	45.5	41.9
32.5°	23.3	28.5	33.6	28.5	23.3
35°	11.9	16.6	21.4	16.2	11.9
37.5°	7.9	9.5	13.8	9.1	7.9
40°	5.1	6.3	8.7	6.3	5.1
42.5°	2.8	4.0	4.7	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)