

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: P1324516

Luminaire Tested: LDSQA3D05R25W2N902750DE010 3LSQCDR1MMS_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324516
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 3LSQCDR1MMS_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

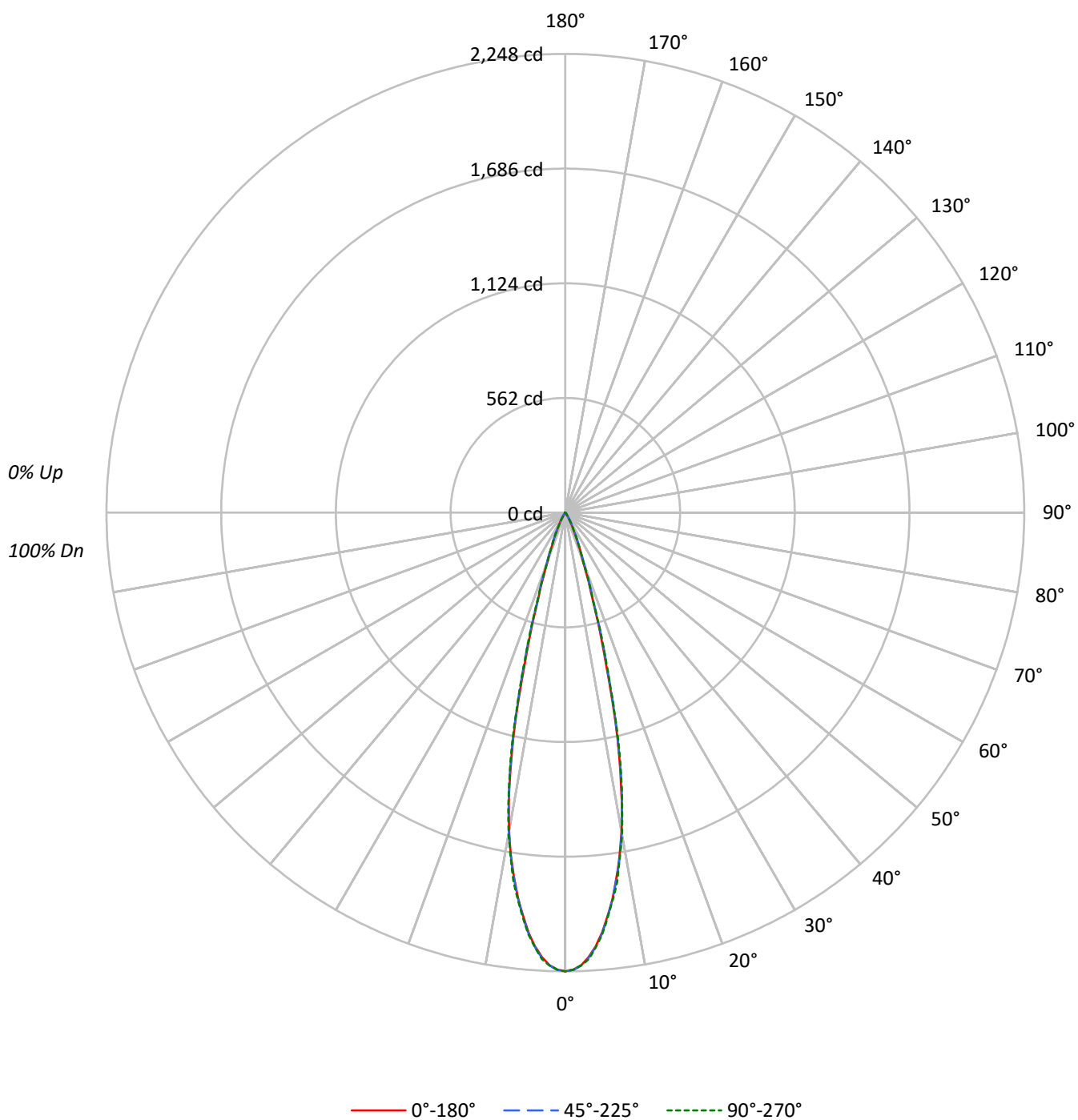
Lumens per Lamp: N/A
Luminaire Lumens: 468.0 lumens
Efficiency: N/A
Efficacy: 79.3 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	387208	387208	387208
5°	357033	357845	358589
10°	277219	278216	279737
15°	137004	142763	142817
20°	46130	49228	47047
25°	19098	21226	19649
30°	7497	9426	7577
35°	1955	3847	2039
40°	719	1529	719
45°	97	438	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: 438 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	182.2	38.9
10°-20°	220.4	47.1
20°-30°	53.8	11.5
30°-40°	10.5	2.2
40°-50°	1.2	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°	456.4	97.5
0°-40°	466.8	99.7
0°-60°	468.0	100.0
0°-90°	468.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	468.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2248	2248	2248	2248	2248	
5°	2065	2068	2070	2079	2074	182
15°	768	787	801	809	801	216
25°	100	106	112	107	103	51
35°	9	13	18	13	10	8
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°	2248.3	2248.3	2248.3	2248.3	2248.3
1°	2239.7	2241.2	2241.5	2243.7	2239.4
2°	2219.3	2219.6	2220.7	2225.0	2221.1
3°	2181.6	2184.1	2184.4	2190.2	2191.3
4°	2130.2	2131.7	2134.5	2144.2	2135.6
5°	2065.2	2068.1	2069.9	2078.9	2074.2
6°	1984.8	1985.5	1989.5	1999.9	1993.4
7°	1902.9	1902.6	1902.9	1911.2	1909.4
8°	1804.2	1802.4	1808.2	1818.2	1825.0
9°	1701.2	1703.7	1707.3	1717.0	1709.1
10°	1585.2	1592.0	1590.9	1591.7	1599.6
11°	1451.6	1453.8	1454.1	1461.7	1460.6
12°	1294.7	1294.7	1306.6	1318.8	1314.8
13°	1136.4	1147.5	1139.6	1142.1	1157.9
14°	951.8	960.4	971.2	981.3	973.4
15°	768.4	786.7	800.7	808.6	801.0
17.5°	440.2	446.3	458.1	459.6	454.9
20°	251.7	259.2	268.6	265.7	256.7
22.5°	158.3	160.5	169.8	165.2	163.0
25°	100.5	105.9	111.7	107.0	103.4
27.5°	62.5	66.1	72.2	67.1	63.2
30°	37.7	40.9	47.4	40.6	38.1
32.5°	19.7	24.4	29.8	24.8	19.7
35°	9.3	13.3	18.3	13.3	9.7
37.5°	5.7	7.2	11.1	7.2	5.7
40°	3.2	4.7	6.8	4.7	3.2
42.5°	1.4	2.5	3.2	2.5	1.8
45°	0.4	1.1	1.8	1.1	0.4
47.5°	0.0	0.0	1.1	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)