

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: P1327732

Luminaire Tested: LDSQA3D13R25W2N902750DE010 3LSQCDR1MMS_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327732
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: LDSQA3D13R25W2N902750DE010 3LSQCDR1MMS_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

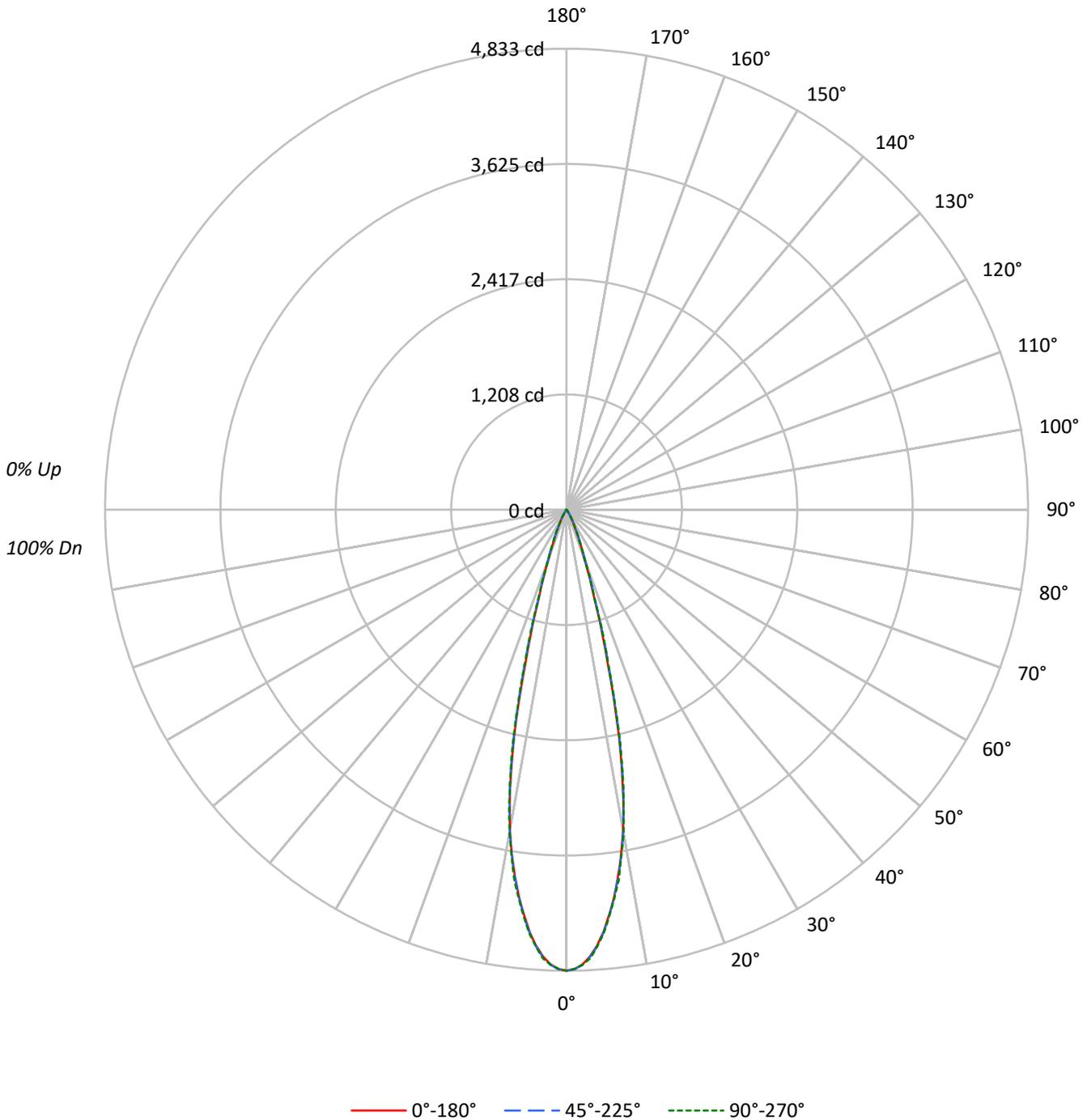
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1006.0 lumens
Efficiency: N/A
Efficacy: 81.8 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): 12.3
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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	99	99	99	97
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	96	96	96	94
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	96	94	93	92
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	94	92	90	89
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	92	90	88	87
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	90	87	85	84
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	88	85	83	82
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	86	83	81	80
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	84	81	79	78
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	82	79	77	77

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	832352	832352	832352
5°	767486	769215	770822
10°	595902	598053	601306
15°	294477	306869	307011
20°	99152	105805	101131
25°	41065	45606	42243
30°	16108	20264	16267
35°	4226	8284	4373
40°	1551	3305	1551
45°	195	950	195
50°	0	214	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: 950 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	391.6	38.9
10°-20°	473.7	47.1
20°-30°	115.6	11.5
30°-40°	22.5	2.2
40°-50°	2.5	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°	980.9	97.5
0°-40°	1003.4	99.7
0°-60°	1006.0	100.0
0°-90°	1006.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1006.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4833	4833	4833	4833	4833	
5°	4439	4446	4449	4469	4459	390
15°	1652	1691	1721	1738	1722	465
25°	216	228	240	230	222	110
35°	20	29	39	29	21	18
45°	1	2	4	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°	4833.0	4833.0	4833.0	4833.0	4833.0
1°	4814.5	4817.6	4818.3	4823.0	4813.7
2°	4770.5	4771.2	4773.6	4782.8	4774.3
3°	4689.4	4694.8	4695.6	4708.0	4710.3
4°	4579.1	4582.2	4588.3	4609.2	4590.6
5°	4439.4	4445.5	4449.4	4468.7	4458.7
6°	4266.5	4268.0	4276.5	4298.9	4285.0
7°	4090.5	4089.7	4090.5	4108.3	4104.4
8°	3878.3	3874.4	3886.8	3908.4	3923.0
9°	3656.8	3662.2	3669.9	3690.7	3673.7
10°	3407.5	3422.1	3419.8	3421.4	3438.4
11°	3120.4	3125.0	3125.8	3142.0	3139.7
12°	2783.1	2783.1	2808.6	2834.8	2826.3
13°	2442.7	2466.7	2449.7	2455.1	2489.0
14°	2046.0	2064.6	2087.7	2109.3	2092.3
15°	1651.6	1691.0	1721.1	1738.1	1721.9
17.5°	946.2	959.3	984.8	987.9	977.9
20°	541.0	557.2	577.3	571.1	551.8
22.5°	340.4	345.0	365.1	355.0	350.4
25°	216.1	227.7	240.0	230.0	222.3
27.5°	134.3	142.0	155.1	144.3	135.8
30°	81.0	88.0	101.9	87.2	81.8
32.5°	42.4	52.5	64.1	53.3	42.4
35°	20.1	28.6	39.4	28.6	20.8
37.5°	12.3	15.4	23.9	15.4	12.3
40°	6.9	10.0	14.7	10.0	6.9
42.5°	3.1	5.4	6.9	5.4	3.9
45°	0.8	2.3	3.9	2.3	0.8
47.5°	0.0	0.0	2.3	0.8	0.0
50°	0.0	0.0	0.8	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)