

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: P1327737

Luminaire Tested: LDSQA3D13R25W2N902750DE010 3LSQCDR1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327737
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: LDSQA3D13R25W2N902750DE010 3LSQCDR1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

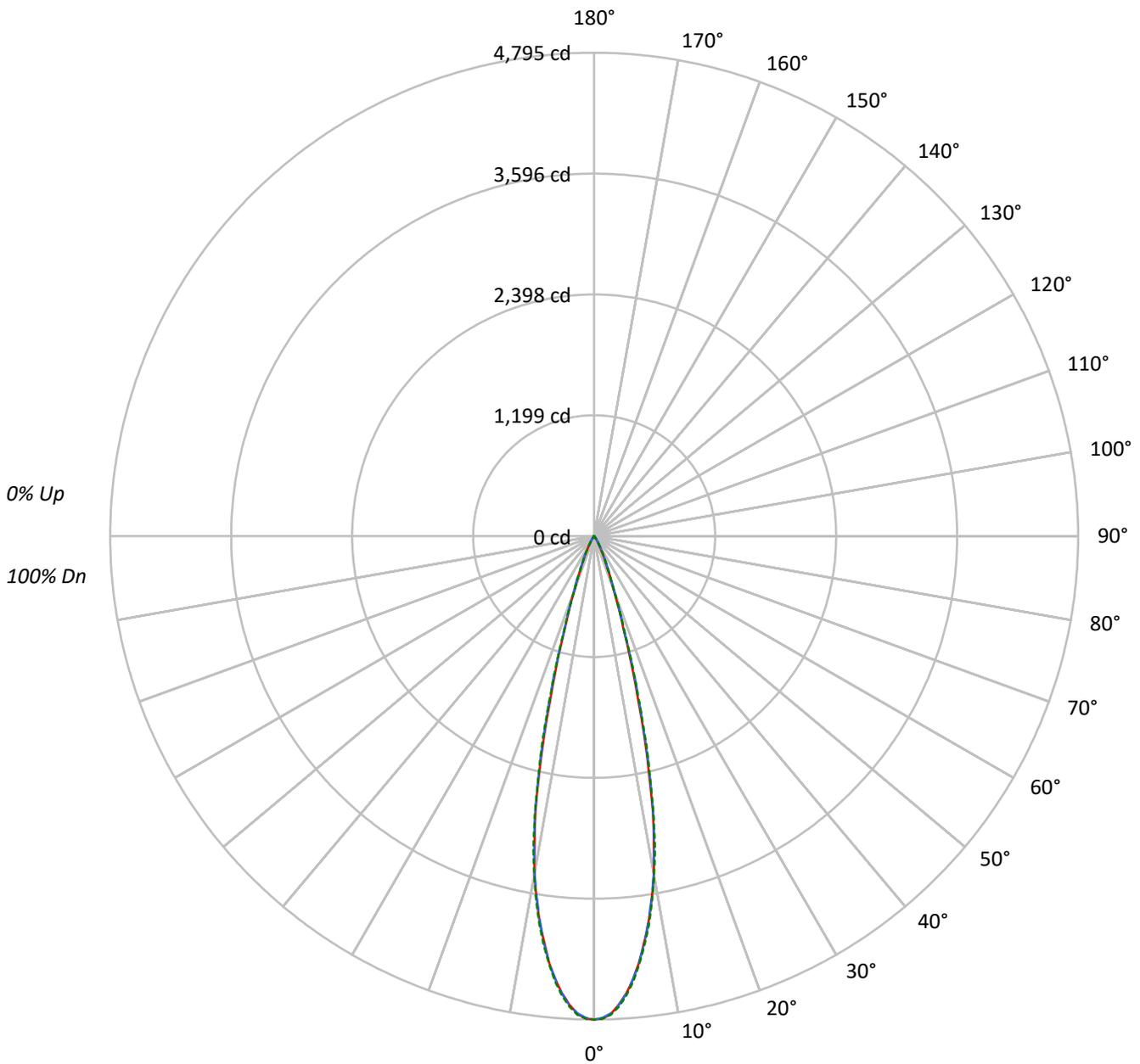
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1013.0 lumens
Efficiency: N/A
Efficacy: 82.4 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): 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



0% Up
100% Dn

— 0°-180° - - 45°-225° - - - 90°-270°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									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	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	99	99	97	97	97	95	95	95	94	94	94	100																
1	115	113	111	110	113	111	109	108	107	106	105	103	102	102	100	99	99	97	97	97	95	95	95	94	94	94	93	93	93	97																
2	112	108	105	103	110	107	104	102	103	101	100	101	99	97	98	97	95	94	94	93	93	93	92	92	92	91	91	91	94	94																
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93	93	93	92	92	92	91	91	91	90	90	90	91	91																
4	105	100	96	93	104	99	96	93	97	94	92	95	93	91	94	92	90	90	90	89	89	89	88	88	88	87	87	87	89	89																
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	91	89	87	87	87	86	86	86	85	85	85	84	84	84	86	86																
6	100	94	90	87	98	93	89	87	92	88	86	90	88	86	89	87	85	85	85	84	84	84	83	83	83	82	82	82	84	84																
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	83	83	82	82	82	81	81	81	80	80	80	82	82																
8	95	88	84	82	94	88	84	82	87	84	81	86	83	81	85	83	81	81	81	80	80	80	79	79	79	78	78	78	80	80																
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79	79	79	78	78	78	77	77	77	76	76	76	78	78																
10	90	84	80	78	89	84	80	77	83	80	77	82	79	77	82	79	77	77	77	76	76	76	75	75	75	74	74	74	76	76																

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	825825	825825	825825
5°	762801	762524	766794
10°	595849	594240	598280
15°	299755	312289	312004
20°	102561	105402	103697
25°	41217	46348	42984
30°	16725	19946	16267
35°	4878	8767	4878
40°	2248	3822	2248
45°	755	1510	755
50°	402	616	402
55°	450	450	450
60°	517	517	517
65°	326	326	326
70°	403	403	403
75°	532	532	532
80°	0	793	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1510 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	389.0	38.4
10°-20°	476.1	47.0
20°-30°	116.3	11.5
30°-40°	24.0	2.4
40°-50°	4.2	0.4
50°-60°	1.4	0.1
60°-70°	1.1	0.1
70°-80°	0.8	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°	981.5	96.9
0°-40°	1005.5	99.3
0°-60°	1011.1	99.8
0°-90°	1013.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1013.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4795	4795	4795	4795	4795	
5°	4412	4416	4411	4420	4435	389
15°	1681	1710	1752	1759	1750	469
25°	217	227	244	230	226	111
35°	23	32	42	32	23	20
45°	3	5	6	5	3	3
55°	2	2	2	2	2	1
65°	1	2	1	1	1	1
75°	1	1	1	1	1	1
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°	4795.1	4795.1	4795.1	4795.1	4795.1
1°	4785.9	4779.7	4778.2	4778.9	4786.7
2°	4742.7	4738.8	4738.0	4740.3	4751.1
3°	4654.7	4659.3	4660.8	4668.6	4674.0
4°	4546.6	4555.9	4552.0	4561.3	4567.4
5°	4412.3	4416.1	4410.7	4420.0	4435.4
6°	4255.6	4241.7	4254.8	4258.7	4269.5
7°	4060.3	4063.4	4068.0	4072.6	4088.8
8°	3868.1	3858.8	3856.5	3878.1	3891.2
9°	3643.4	3645.0	3636.5	3661.2	3665.1
10°	3407.2	3387.9	3398.0	3417.3	3421.1
11°	3095.4	3090.0	3104.6	3134.8	3158.7
12°	2802.8	2805.9	2821.4	2831.4	2826.0
13°	2416.1	2439.3	2458.6	2468.6	2455.5
14°	2066.4	2066.4	2091.1	2095.0	2142.1
15°	1681.2	1709.8	1751.5	1759.2	1749.9
17.5°	971.1	974.9	995.0	994.2	1008.9
20°	559.6	565.0	575.1	572.8	565.8
22.5°	336.6	348.1	372.1	352.8	347.4
25°	216.9	226.9	243.9	230.0	226.2
27.5°	135.9	142.8	155.9	143.6	137.4
30°	84.1	88.0	100.3	88.8	81.8
32.5°	45.5	55.6	65.6	55.6	45.5
35°	23.2	32.4	41.7	31.6	23.2
37.5°	15.4	18.5	27.0	17.8	15.4
40°	10.0	12.4	17.0	12.4	10.0
42.5°	5.4	7.7	9.3	8.5	5.4
45°	3.1	4.6	6.2	4.6	3.1
47.5°	2.3	2.3	3.9	2.3	1.5
50°	1.5	1.5	2.3	1.5	1.5
52.5°	1.5	1.5	1.5	1.5	1.5
55°	1.5	1.5	1.5	1.5	1.5
57.5°	1.5	1.5	1.5	1.5	1.5
60°	1.5	1.5	1.5	1.5	1.5
62.5°	1.5	1.5	1.5	1.5	1.5
65°	0.8	1.5	0.8	0.8	0.8
67.5°	0.8	0.8	0.8	0.8	0.8
70°	0.8	0.8	0.8	0.8	0.8
72.5°	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8
80°	0.0	0.0	0.8	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)