

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: P1327734

Luminaire Tested: LDSQA3D13R25W2N902750DE010 3LSQCDR1MW\_3000K

Issue Date: 1/29/2026

**Test Information**

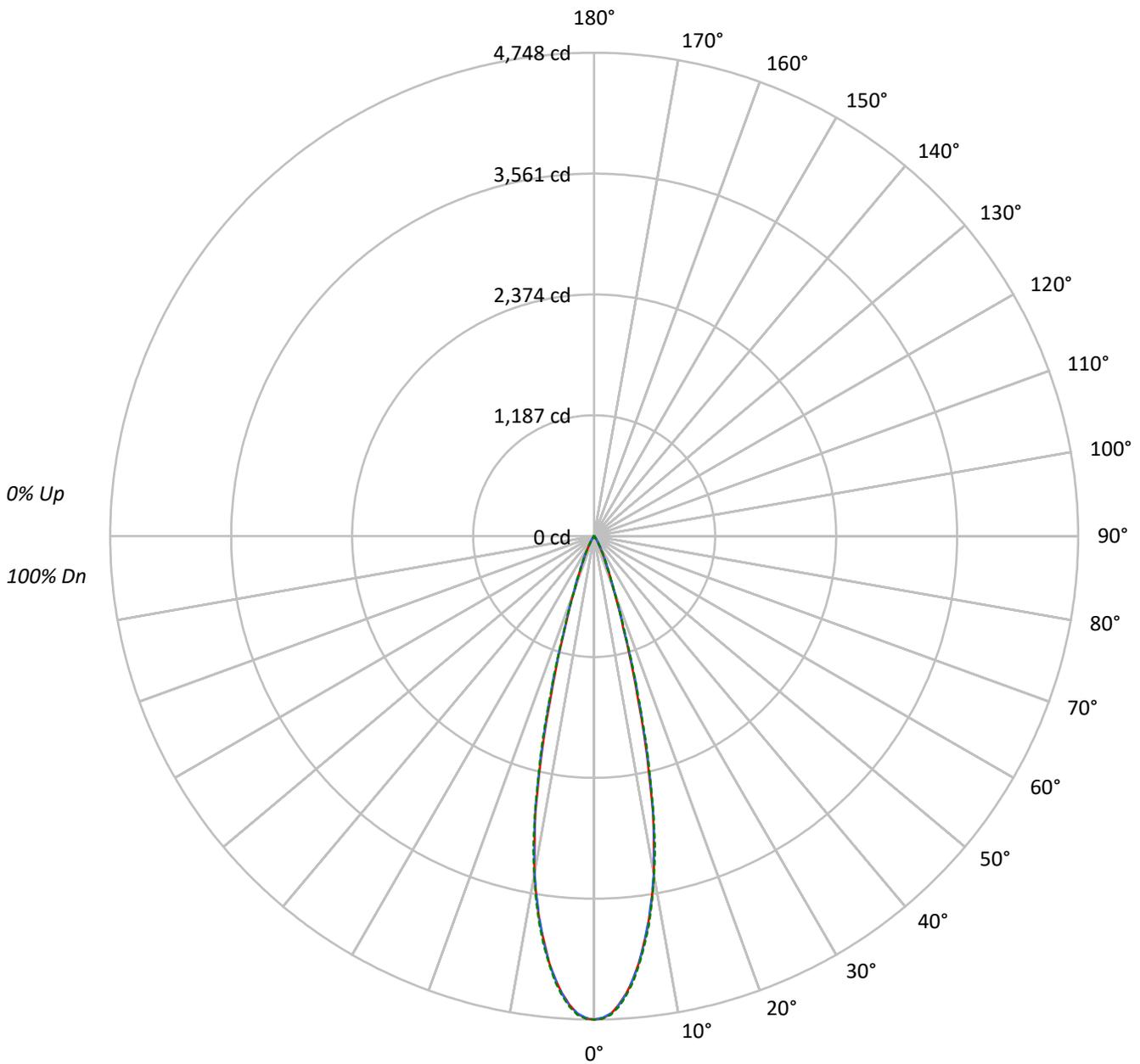
Test Method: LM-79-2019  
Report Number: P1327734  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D13R25W2N902750DE010 3LSQCDR1MW\_3000K  
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: 1003.0 lumens  
Efficiency: N/A  
Efficacy: 81.5 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°-180°    - - 45°-225°    - - - 90°-270°



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

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	817679	817679	817679
5°	755263	755004	759222
10°	589973	588364	592387
15°	296795	309204	308937
20°	101553	104357	102671
25°	40818	45891	42547
30°	16566	19767	16108
35°	4815	8683	4815
40°	2226	3777	2226
45°	755	1486	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: 1486 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	385.2	38.4
10°-20°	471.4	47.0
20°-30°	115.2	11.5
30°-40°	23.8	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°	971.8	96.9
0°-40°	995.6	99.3
0°-60°	1001.1	99.8
0°-90°	1003.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1003.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	4748	4748	4748	4748	4748	
5°	4369	4372	4367	4376	4392	385
15°	1665	1693	1734	1742	1733	465
25°	215	225	242	228	224	110
35°	23	32	41	31	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°	4747.8	4747.8	4747.8	4747.8	4747.8
1°	4738.6	4732.5	4731.0	4731.8	4739.4
2°	4695.8	4692.0	4691.3	4693.5	4704.2
3°	4608.7	4613.3	4614.8	4622.5	4627.8
4°	4501.7	4510.9	4507.1	4516.2	4522.3
5°	4368.7	4372.5	4367.2	4376.4	4391.6
6°	4213.6	4199.8	4212.8	4216.6	4227.3
7°	4020.2	4023.3	4027.8	4032.4	4048.5
8°	3829.9	3820.7	3818.4	3839.8	3852.8
9°	3607.5	3609.0	3600.6	3625.1	3628.9
10°	3373.6	3354.5	3364.4	3383.5	3387.4
11°	3064.8	3059.5	3074.0	3103.8	3127.5
12°	2775.2	2778.2	2793.5	2803.4	2798.1
13°	2392.2	2415.2	2434.3	2444.2	2431.2
14°	2046.0	2046.0	2070.5	2074.3	2120.9
15°	1664.6	1692.9	1734.2	1741.8	1732.7
17.5°	961.5	965.3	985.2	984.4	998.9
20°	554.1	559.5	569.4	567.1	560.2
22.5°	333.2	344.7	368.4	349.3	343.9
25°	214.8	224.7	241.5	227.8	223.9
27.5°	134.5	141.4	154.4	142.2	136.0
30°	83.3	87.1	99.4	87.9	81.0
32.5°	45.1	55.0	65.0	55.0	45.1
35°	22.9	32.1	41.3	31.3	22.9
37.5°	15.3	18.3	26.8	17.6	15.3
40°	9.9	12.2	16.8	12.2	9.9
42.5°	5.4	7.6	9.2	8.4	5.4
45°	3.1	4.6	6.1	4.6	3.1
47.5°	2.3	2.3	3.8	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)