

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: P1327729

Luminaire Tested: LDSQA3D13R25W2N902750DE010 3LSQCDR1MMS\_3000K

Issue Date: 1/29/2026

**Test Information**

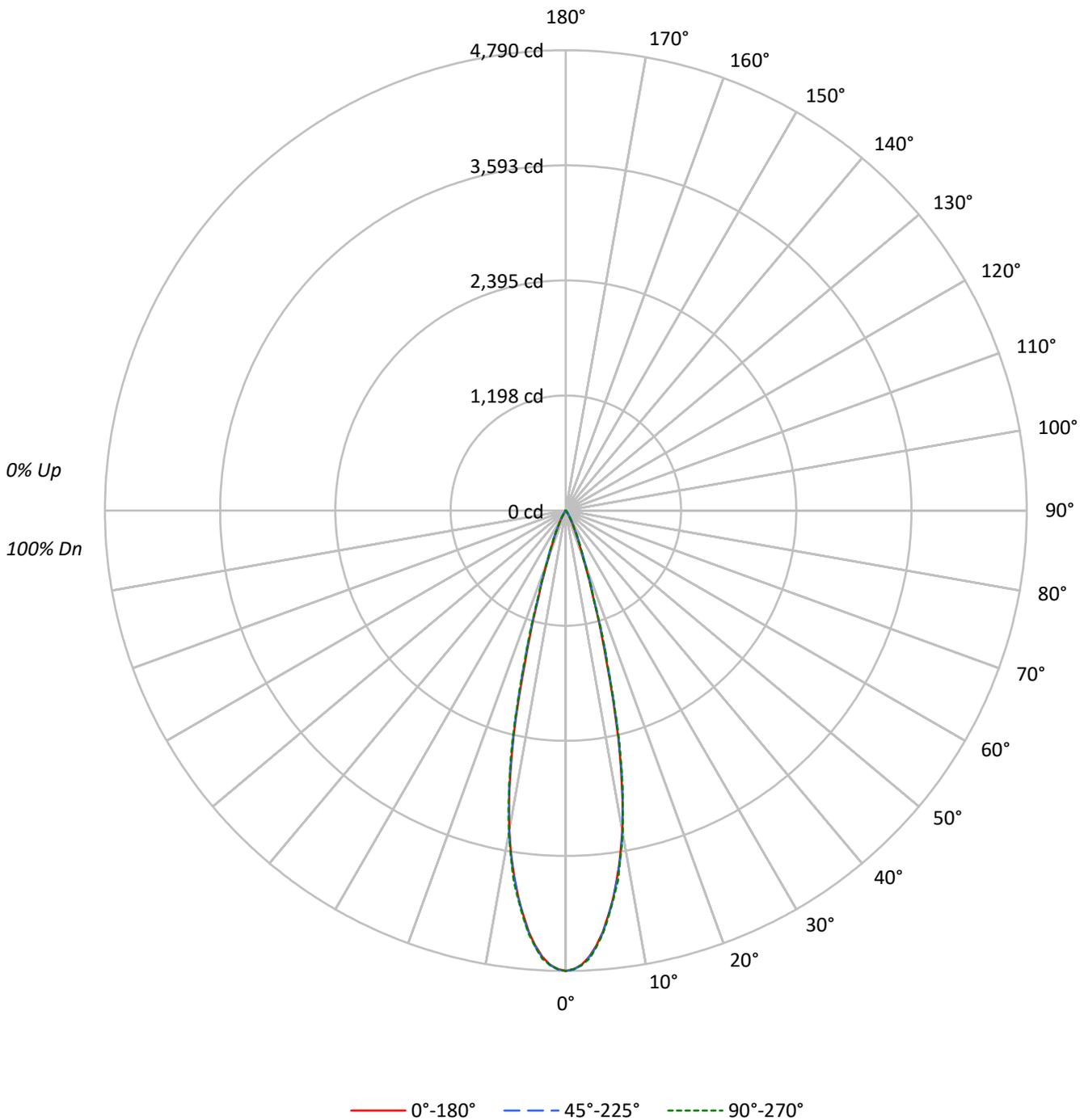
Test Method: LM-79-2019  
Report Number: P1327729  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D13R25W2N902750DE010 3LSQCDR1MMS\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,  
3LSQCDR1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 997.0 lumens  
Efficiency: N/A  
Efficacy: 81.1 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°	824912	824912	824912
5°	760622	762334	763924
10°	590568	592701	595919
15°	291856	304123	304266
20°	98272	104852	100233
25°	40704	45207	41863
30°	15969	20085	16128
35°	4184	8200	4352
40°	1551	3260	1551
45°	195	926	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: 926 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	388.1	38.9
10°-20°	469.4	47.1
20°-30°	114.6	11.5
30°-40°	22.3	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°	972.2	97.5
0°-40°	994.5	99.7
0°-60°	997.0	100.0
0°-90°	997.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	997.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	4790	4790	4790	4790	4790	
5°	4400	4406	4410	4429	4419	387
15°	1637	1676	1706	1722	1706	461
25°	214	226	238	228	220	109
35°	20	28	39	28	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°	4789.8	4789.8	4789.8	4789.8	4789.8
1°	4771.4	4774.5	4775.2	4779.8	4770.6
2°	4727.8	4728.6	4730.9	4740.0	4731.6
3°	4647.5	4652.8	4653.6	4665.8	4668.1
4°	4538.1	4541.2	4547.3	4567.9	4549.6
5°	4399.7	4405.8	4409.6	4428.7	4418.8
6°	4228.3	4229.8	4238.3	4260.4	4246.7
7°	4053.9	4053.2	4053.9	4071.5	4067.7
8°	3843.6	3839.8	3852.0	3873.4	3887.9
9°	3624.1	3629.4	3637.1	3657.7	3640.9
10°	3377.0	3391.5	3389.2	3390.8	3407.6
11°	3092.5	3097.0	3097.8	3113.9	3111.6
12°	2758.2	2758.2	2783.4	2809.4	2801.0
13°	2420.9	2444.6	2427.8	2433.1	2466.8
14°	2027.7	2046.1	2069.0	2090.4	2073.6
15°	1636.9	1675.9	1705.7	1722.5	1706.5
17.5°	937.8	950.8	976.0	979.1	969.1
20°	536.2	552.3	572.1	566.0	546.9
22.5°	337.3	341.9	361.8	351.9	347.3
25°	214.2	225.6	237.9	227.9	220.3
27.5°	133.1	140.7	153.7	143.0	134.6
30°	80.3	87.2	101.0	86.4	81.1
32.5°	42.1	52.0	63.5	52.8	42.1
35°	19.9	28.3	39.0	28.3	20.7
37.5°	12.2	15.3	23.7	15.3	12.2
40°	6.9	9.9	14.5	9.9	6.9
42.5°	3.1	5.4	6.9	5.4	3.8
45°	0.8	2.3	3.8	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)