

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: P1327733

Luminaire Tested: LDSQA3D13R25W2N902750DE010 3LSQCDR1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327733
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_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

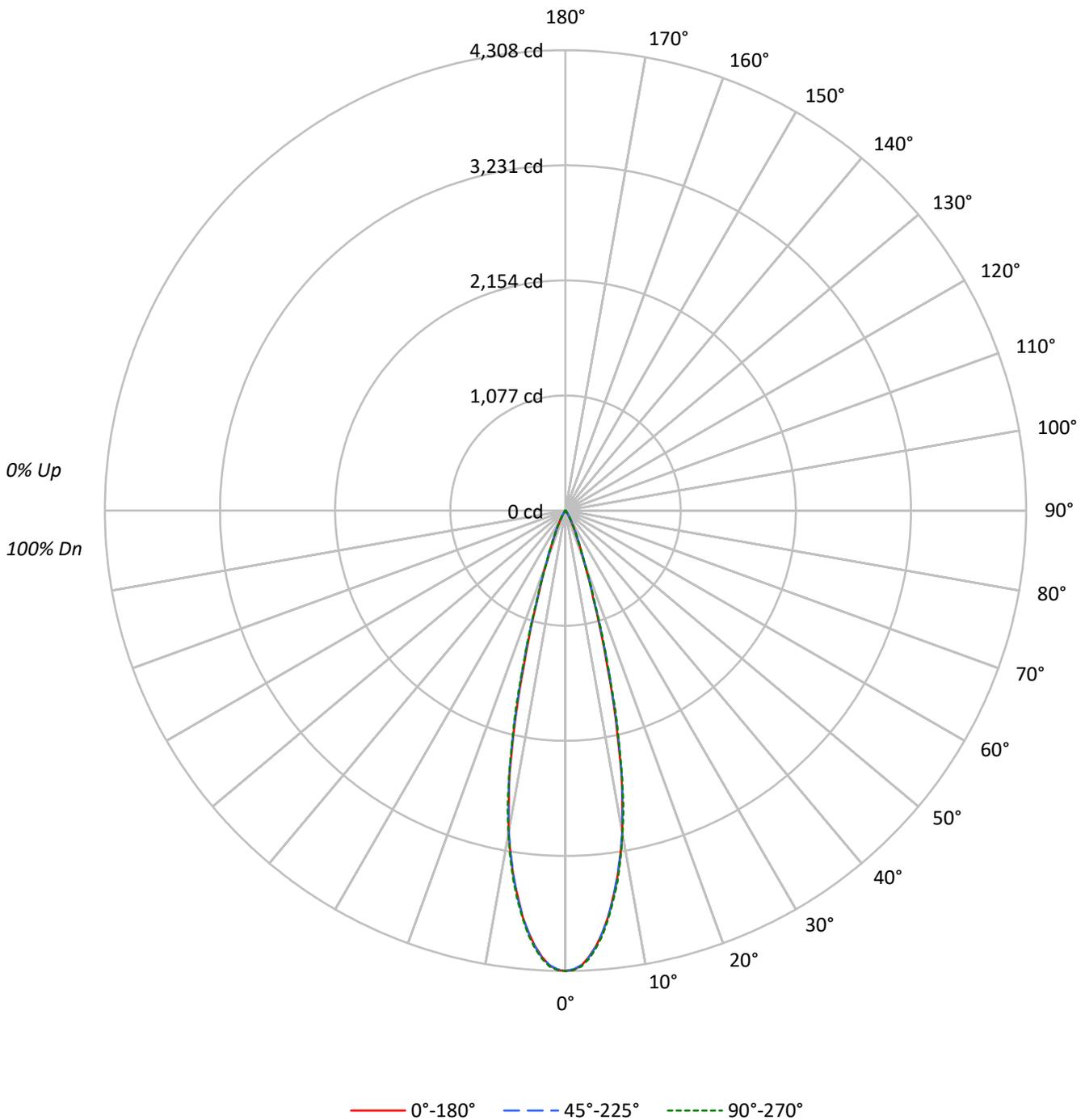
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 910.0 lumens
Efficiency: N/A
Efficacy: 74.0 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





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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	741866	741866	741866
5°	685229	685004	688825
10°	535271	533820	537457
15°	269283	280534	280284
20°	92133	94680	93159
25°	37036	41635	38613
30°	15034	17918	14617
35°	4373	7863	4373
40°	2023	3440	2023
45°	682	1340	682
50°	375	563	375
55°	420	420	420
60°	482	482	482
65°	285	285	285
70°	352	352	352
75°	466	466	466
80°	0	694	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1340 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	349.5	38.4
10°-20°	427.7	47.0
20°-30°	104.5	11.5
30°-40°	21.6	2.4
40°-50°	3.8	0.4
50°-60°	1.3	0.1
60°-70°	1.0	0.1
70°-80°	0.7	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°	881.7	96.9
0°-40°	903.3	99.3
0°-60°	908.3	99.8
0°-90°	910.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	910.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4308	4308	4308	4308	4308	
5°	3964	3967	3962	3971	3984	349
15°	1510	1536	1573	1580	1572	422
25°	195	204	219	207	203	100
35°	21	29	37	28	21	18
45°	3	4	6	4	3	3
55°	1	1	1	1	1	1
65°	1	1	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°	4307.6	4307.6	4307.6	4307.6	4307.6
1°	4299.3	4293.7	4292.3	4293.0	4300.0
2°	4260.4	4257.0	4256.3	4258.4	4268.1
3°	4181.4	4185.5	4186.9	4193.9	4198.7
4°	4084.3	4092.6	4089.2	4097.5	4103.0
5°	3963.6	3967.1	3962.3	3970.6	3984.4
6°	3822.9	3810.4	3822.2	3825.7	3835.4
7°	3647.4	3650.2	3654.4	3658.5	3673.1
8°	3474.8	3466.5	3464.4	3483.8	3495.6
9°	3273.0	3274.4	3266.7	3288.9	3292.4
10°	3060.8	3043.5	3052.5	3069.8	3073.3
11°	2780.7	2775.8	2789.0	2816.0	2837.5
12°	2517.8	2520.6	2534.5	2543.5	2538.6
13°	2170.4	2191.2	2208.6	2217.6	2205.8
14°	1856.3	1856.3	1878.5	1882.0	1924.3
15°	1510.3	1535.9	1573.4	1580.3	1572.0
17.5°	872.3	875.8	893.8	893.1	906.3
20°	502.7	507.6	516.6	514.5	508.3
22.5°	302.3	312.7	334.2	316.9	312.0
25°	194.9	203.9	219.1	206.6	203.2
27.5°	122.0	128.3	140.1	129.0	123.4
30°	75.6	79.1	90.1	79.7	73.5
32.5°	40.9	49.9	58.9	49.9	40.9
35°	20.8	29.1	37.4	28.4	20.8
37.5°	13.9	16.6	24.3	15.9	13.9
40°	9.0	11.1	15.3	11.1	9.0
42.5°	4.9	6.9	8.3	7.6	4.9
45°	2.8	4.2	5.5	4.2	2.8
47.5°	2.1	2.1	3.5	2.1	1.4
50°	1.4	1.4	2.1	1.4	1.4
52.5°	1.4	1.4	1.4	1.4	1.4
55°	1.4	1.4	1.4	1.4	1.4
57.5°	1.4	1.4	1.4	1.4	1.4
60°	1.4	1.4	1.4	1.4	1.4
62.5°	1.4	1.4	1.4	1.4	1.4
65°	0.7	1.4	0.7	0.7	0.7
67.5°	0.7	0.7	0.7	0.7	0.7
70°	0.7	0.7	0.7	0.7	0.7
72.5°	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7
80°	0.0	0.0	0.7	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)