

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: P1314464

Luminaire Tested: LDSQA3D09R259730DE010 3LSQCDR1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1314464  
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: LDSQA3D09R259730DE010 3LSQCDR1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , 3LSQCDR1MW TRIM  
Light Source: -  
Ballast/Driver: -

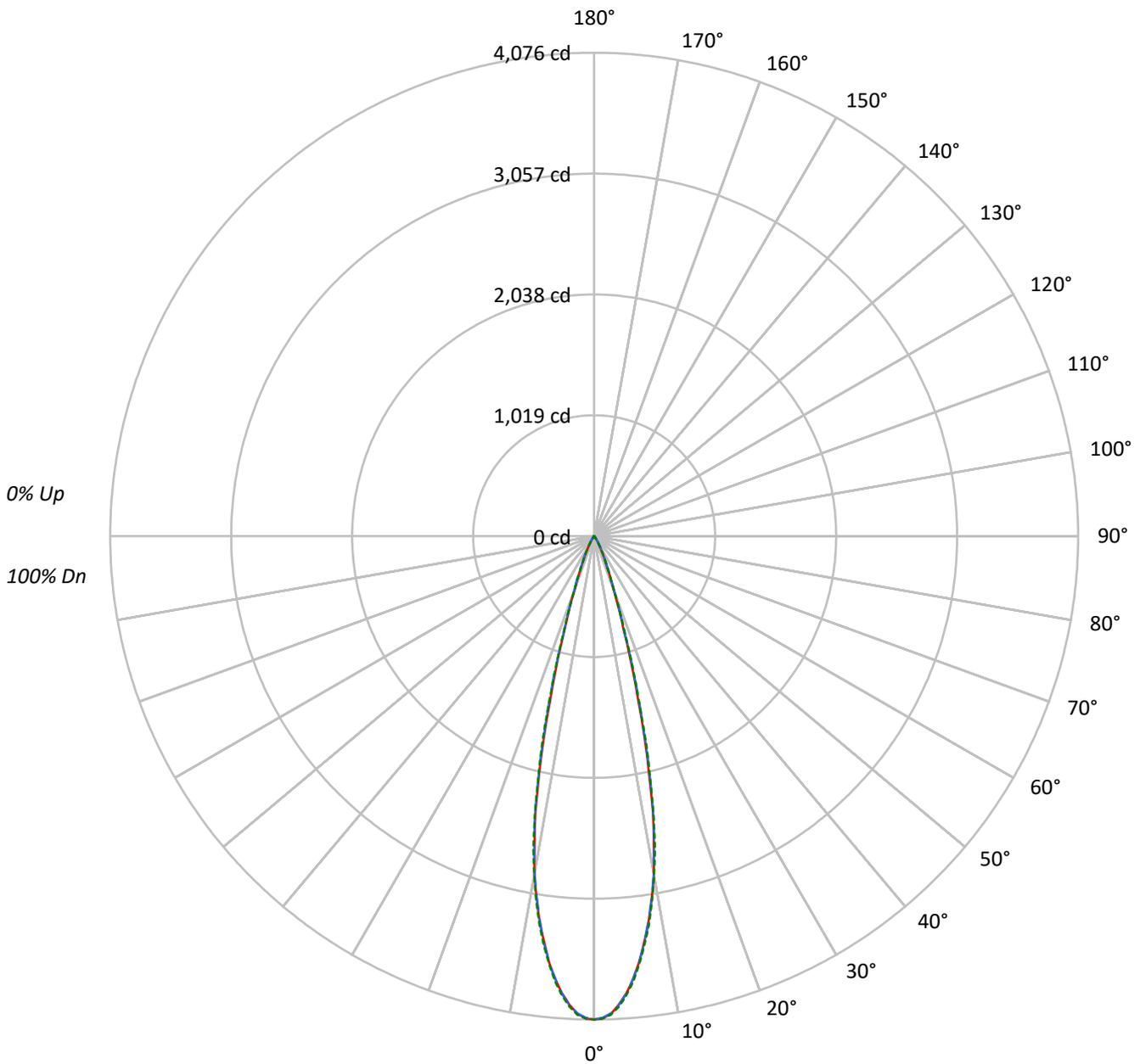
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 861.0 lumens  
Efficiency: N/A  
Efficacy: 77.6 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): 11.1  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	106	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	83	80	77	83	80	77	82	79	77	82	79	77	77	77	77	76

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

	0°	45°	90°
0°	701911	701911	701911
5°	648336	648112	651742
10°	506451	505069	508514
15°	254788	265432	265200
20°	87184	89585	88137
25°	35041	39393	36523
30°	14219	16963	13821
35°	4142	7443	4142
40°	1911	3237	1911
45°	633	1267	633
50°	348	536	348
55°	390	390	390
60°	448	448	448
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: 1267 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	330.6	38.4
10°-20°	404.7	47.0
20°-30°	98.9	11.5
30°-40°	20.4	2.4
40°-50°	3.6	0.4
50°-60°	1.2	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°	834.2	96.9
0°-40°	854.6	99.3
0°-60°	859.4	99.8
0°-90°	861.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	861.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	4076	4076	4076	4076	4076	
5°	3750	3754	3749	3757	3770	330
15°	1429	1453	1489	1495	1487	399
25°	184	193	207	196	192	94
35°	20	28	35	27	20	17
45°	3	4	5	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°	4075.6	4075.6	4075.6	4075.6	4075.6
1°	4067.8	4062.5	4061.2	4061.9	4068.4
2°	4031.0	4027.7	4027.1	4029.1	4038.2
3°	3956.2	3960.2	3961.5	3968.0	3972.6
4°	3864.4	3872.2	3869.0	3876.8	3882.1
5°	3750.2	3753.5	3748.9	3756.8	3769.9
6°	3617.0	3605.2	3616.4	3619.7	3628.8
7°	3451.0	3453.7	3457.6	3461.5	3475.3
8°	3287.7	3279.8	3277.8	3296.2	3307.4
9°	3096.7	3098.1	3090.8	3111.8	3115.1
10°	2896.0	2879.6	2888.1	2904.5	2907.8
11°	2630.9	2626.3	2638.8	2664.4	2684.7
12°	2382.3	2384.9	2398.0	2406.5	2401.9
13°	2053.6	2073.2	2089.6	2098.2	2087.0
14°	1756.4	1756.4	1777.4	1780.6	1820.7
15°	1429.0	1453.2	1488.7	1495.2	1487.4
17.5°	825.4	828.6	845.7	845.0	857.5
20°	475.7	480.3	488.8	486.8	480.9
22.5°	286.1	295.9	316.2	299.8	295.2
25°	184.4	192.9	207.3	195.5	192.2
27.5°	115.5	121.4	132.5	122.0	116.8
30°	71.5	74.8	85.3	75.5	69.5
32.5°	38.7	47.2	55.8	47.2	38.7
35°	19.7	27.6	35.4	26.9	19.7
37.5°	13.1	15.7	23.0	15.1	13.1
40°	8.5	10.5	14.4	10.5	8.5
42.5°	4.6	6.6	7.9	7.2	4.6
45°	2.6	3.9	5.2	3.9	2.6
47.5°	2.0	2.0	3.3	2.0	1.3
50°	1.3	1.3	2.0	1.3	1.3
52.5°	1.3	1.3	1.3	1.3	1.3
55°	1.3	1.3	1.3	1.3	1.3
57.5°	1.3	1.3	1.3	1.3	1.3
60°	1.3	1.3	1.3	1.3	1.3
62.5°	1.3	1.3	1.3	1.3	1.3
65°	0.7	1.3	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)