

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: P1323758

Luminaire Tested: LDSQA3D09R309030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

**Test Information**

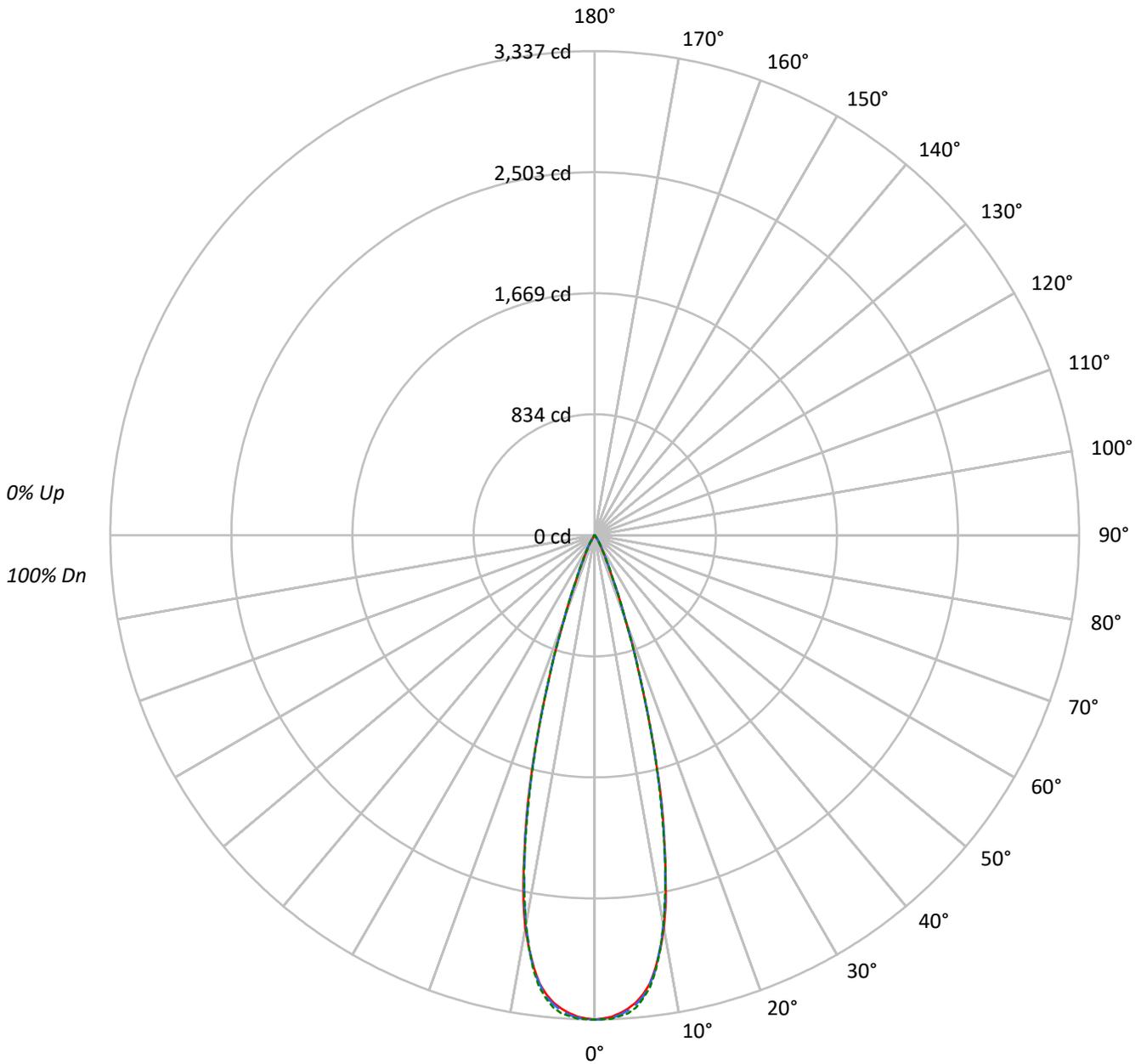
Test Method: LM-79-2019  
Report Number: P1323758  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-36)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D09R309030D2WDE010 3LSQCDR1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,  
3LSQCDR1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 868.0 lumens  
Efficiency: N/A  
Efficacy: 59.0 lumens/watt  
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.46  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.7  
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	109	113	111	109	108	107	106	104	103	102	101	100	99	98	98	98	98	97
2	111	108	105	102	109	106	104	101	103	101	99	100	99	97	98	96	95	95	95	95	94
3	108	103	100	97	106	102	99	96	100	97	95	97	95	93	95	93	92	93	93	92	91
4	105	99	96	93	103	98	95	92	96	93	91	95	92	90	93	91	89	93	91	89	88
5	102	96	92	89	100	95	91	89	93	90	88	92	89	87	91	88	86	91	88	86	85
6	99	93	89	86	98	92	88	85	91	87	85	90	87	84	88	86	84	88	86	84	83
7	96	90	86	83	95	89	85	83	88	85	82	87	84	82	86	84	82	86	84	82	81
8	94	87	83	80	93	87	83	80	86	82	80	85	82	80	84	81	79	84	81	79	78
9	91	85	81	78	90	84	80	78	83	80	78	83	80	77	82	79	77	82	79	77	76
10	89	82	78	76	88	82	78	76	81	78	76	81	78	75	80	77	75	80	77	75	74

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

	0°	45°	90°
0°	574776	574776	574776
5°	559044	561464	564939
10°	480709	476616	477089
15°	295386	292997	293229
20°	112421	112659	110570
25°	35763	37663	35877
30°	14378	17838	14776
35°	4646	7884	4646
40°	2113	3462	2113
45°	804	1461	804
50°	348	723	348
55°	390	390	390
60°	448	448	448
65°	285	285	285
70°	352	352	352
75°	466	466	466
80°	0	0	0
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 1461 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	294.4	33.9
10°-20°	436.7	50.3
20°-30°	108.5	12.5
30°-40°	21.7	2.5
40°-50°	3.9	0.5
50°-60°	1.2	0.1
60°-70°	0.9	0.1
70°-80°	0.6	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°	839.6	96.7
0°-40°	861.3	99.2
0°-60°	866.4	99.8
0°-90°	868.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	868.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3337	3337	3337	3337	3337	
5°	3234	3244	3248	3252	3268	294
15°	1657	1660	1643	1649	1645	438
25°	188	192	198	196	189	105
35°	22	29	38	28	22	18
45°	3	4	6	5	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°	3337.4	3337.4	3337.4	3337.4	3337.4
1°	3330.1	3334.1	3336.8	3336.8	3336.8
2°	3320.7	3323.4	3327.4	3328.1	3333.4
3°	3298.6	3304.6	3311.3	3315.4	3318.0
4°	3271.8	3279.9	3283.9	3293.9	3302.6
5°	3233.7	3244.4	3247.7	3252.4	3267.8
6°	3182.1	3190.1	3196.8	3198.8	3208.2
7°	3113.8	3117.8	3116.5	3119.8	3136.6
8°	3010.0	3011.3	3022.7	3015.4	3026.7
9°	2886.8	2881.4	2878.7	2884.1	2884.8
10°	2748.8	2730.8	2725.4	2720.7	2728.1
11°	2570.0	2546.6	2548.6	2547.3	2536.6
12°	2347.7	2345.1	2327.6	2331.0	2347.1
13°	2120.7	2125.4	2122.1	2126.1	2108.0
14°	1907.8	1885.0	1891.0	1868.3	1877.0
15°	1656.7	1660.0	1643.3	1648.6	1644.6
17.5°	1060.7	1068.1	1062.7	1058.0	1065.4
20°	613.4	612.7	614.7	608.7	603.3
22.5°	322.8	327.5	333.5	334.1	338.2
25°	188.2	192.2	198.2	195.5	188.8
27.5°	115.2	122.5	131.9	125.2	117.2
30°	72.3	78.3	89.7	79.0	74.3
32.5°	40.8	49.6	58.9	49.6	40.8
35°	22.1	28.8	37.5	28.1	22.1
37.5°	14.7	16.7	24.8	16.7	14.7
40°	9.4	11.4	15.4	11.4	9.4
42.5°	5.4	7.4	8.7	7.4	5.4
45°	3.3	4.0	6.0	4.7	3.3
47.5°	1.3	2.0	4.0	2.0	2.0
50°	1.3	1.3	2.7	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	0.7	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	0.0	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)