

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: P1319103

Luminaire Tested: LDSQA3D09R359835DE010 3LSQCDR1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1319103  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D09R359835DE010 3LSQCDR1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , 3LSQCDR1MW TRIM  
Light Source: -  
Ballast/Driver: -

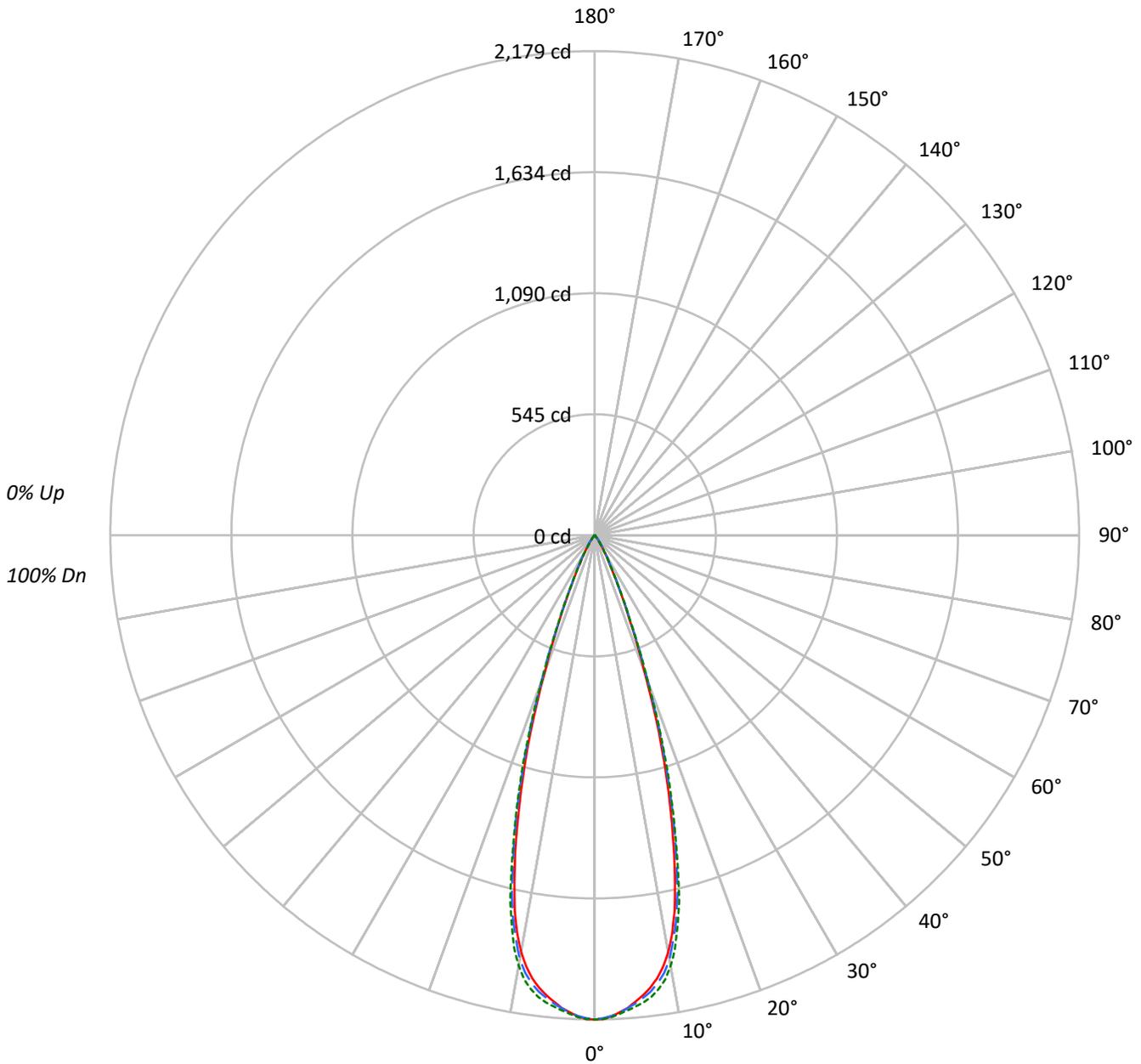
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 732.0 lumens  
Efficiency: N/A  
Efficacy: 66.5 lumens/watt  
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 11  
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	112	110	109	107	106	105	104	103	102	101	99	99	98	98	98	98	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	94	94	94	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	94	92	90	89
4	103	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	91	89	87	86
5	100	94	90	86	99	93	89	86	91	88	85	90	87	85	89	86	84	89	86	84	83
6	97	90	86	83	96	90	86	83	88	85	82	87	84	82	86	83	81	86	83	81	80
7	94	87	83	80	93	87	82	79	85	82	79	84	81	79	83	81	78	83	81	78	77
8	91	84	80	77	90	84	79	77	83	79	76	82	78	76	81	78	76	81	78	76	75
9	88	81	77	74	88	81	77	74	80	76	74	79	76	74	79	76	73	79	76	73	72
10	86	79	75	72	85	78	74	72	78	74	71	77	74	71	76	73	71	76	73	71	70

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

	0°	45°	90°
0°	375308	375308	375308
5°	364190	365487	367942
10°	333145	338934	344128
15°	239133	247888	250437
20°	120284	127303	127615
25°	45587	46994	47222
30°	18514	21239	18176
35°	6728	10218	6476
40°	2833	4362	2698
45°	706	1802	706
50°	455	777	455
55°	510	510	510
60°	586	586	586
65°	448	448	448
70°	302	302	302
75°	399	399	399
80°	595	595	595
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 1802 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	197.0	26.9
10°-20°	367.1	50.1
20°-30°	132.0	18.0
30°-40°	27.7	3.8
40°-50°	4.8	0.7
50°-60°	1.6	0.2
60°-70°	1.1	0.2
70°-80°	0.6	0.1
80°-90°	0.1	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°	696.1	95.1
0°-40°	723.8	98.9
0°-60°	730.2	99.7
0°-90°	732.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	732.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2179	2179	2179	2179	2179	
5°	2107	2111	2114	2128	2128	195
15°	1341	1365	1390	1405	1405	357
25°	240	243	247	250	248	128
35°	32	38	49	37	31	24
45°	3	5	7	5	3	3
55°	2	2	2	2	2	2
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°	2179.2	2179.2	2179.2	2179.2	2179.2
1°	2178.0	2178.0	2173.5	2178.6	2176.9
2°	2166.0	2167.2	2164.3	2170.6	2170.0
3°	2149.5	2152.3	2150.0	2159.2	2156.3
4°	2131.8	2134.0	2132.9	2144.3	2143.2
5°	2106.6	2110.6	2114.1	2128.3	2128.3
6°	2080.9	2084.9	2092.3	2107.8	2112.9
7°	2051.2	2056.4	2068.4	2088.9	2092.3
8°	2013.5	2019.2	2035.8	2058.1	2062.6
9°	1966.7	1975.3	1994.1	2020.9	2023.8
10°	1905.0	1911.8	1938.1	1960.4	1967.8
11°	1825.0	1830.7	1854.2	1890.1	1894.7
12°	1727.9	1734.8	1765.0	1788.5	1793.0
13°	1605.1	1618.2	1654.8	1677.6	1690.2
14°	1478.9	1496.6	1522.9	1555.4	1547.4
15°	1341.2	1364.6	1390.3	1405.2	1404.6
17.5°	1003.6	1017.3	1040.2	1048.7	1060.2
20°	656.3	674.0	694.6	702.6	696.3
22.5°	407.3	411.8	418.1	421.6	420.4
25°	239.9	243.3	247.3	249.6	248.5
27.5°	144.5	152.5	158.2	151.4	147.4
30°	93.1	96.5	106.8	97.7	91.4
32.5°	55.4	63.4	72.0	61.1	53.1
35°	32.0	37.7	48.6	37.1	30.8
37.5°	20.6	23.4	31.4	22.8	20.0
40°	12.6	16.0	19.4	14.9	12.0
42.5°	6.3	9.7	11.4	8.6	6.3
45°	2.9	4.6	7.4	4.6	2.9
47.5°	1.7	2.3	4.6	2.3	1.7
50°	1.7	1.7	2.9	1.7	1.7
52.5°	1.7	1.7	1.7	1.7	1.7
55°	1.7	1.7	1.7	1.7	1.7
57.5°	1.7	1.7	1.7	1.7	1.7
60°	1.7	1.7	1.7	1.7	1.7
62.5°	1.1	1.1	1.1	1.1	1.1
65°	1.1	1.1	1.1	1.1	1.1
67.5°	1.1	1.1	1.1	1.1	1.1
70°	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6
82.5°	0.6	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)