

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: P1319248

Luminaire Tested: LDSQA3D13R359835DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1319248  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D13R359835DE010 3LSQCDR1MMS  
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , 3LSQCDR1MMS TRIM  
Light Source: -  
Ballast/Driver: -

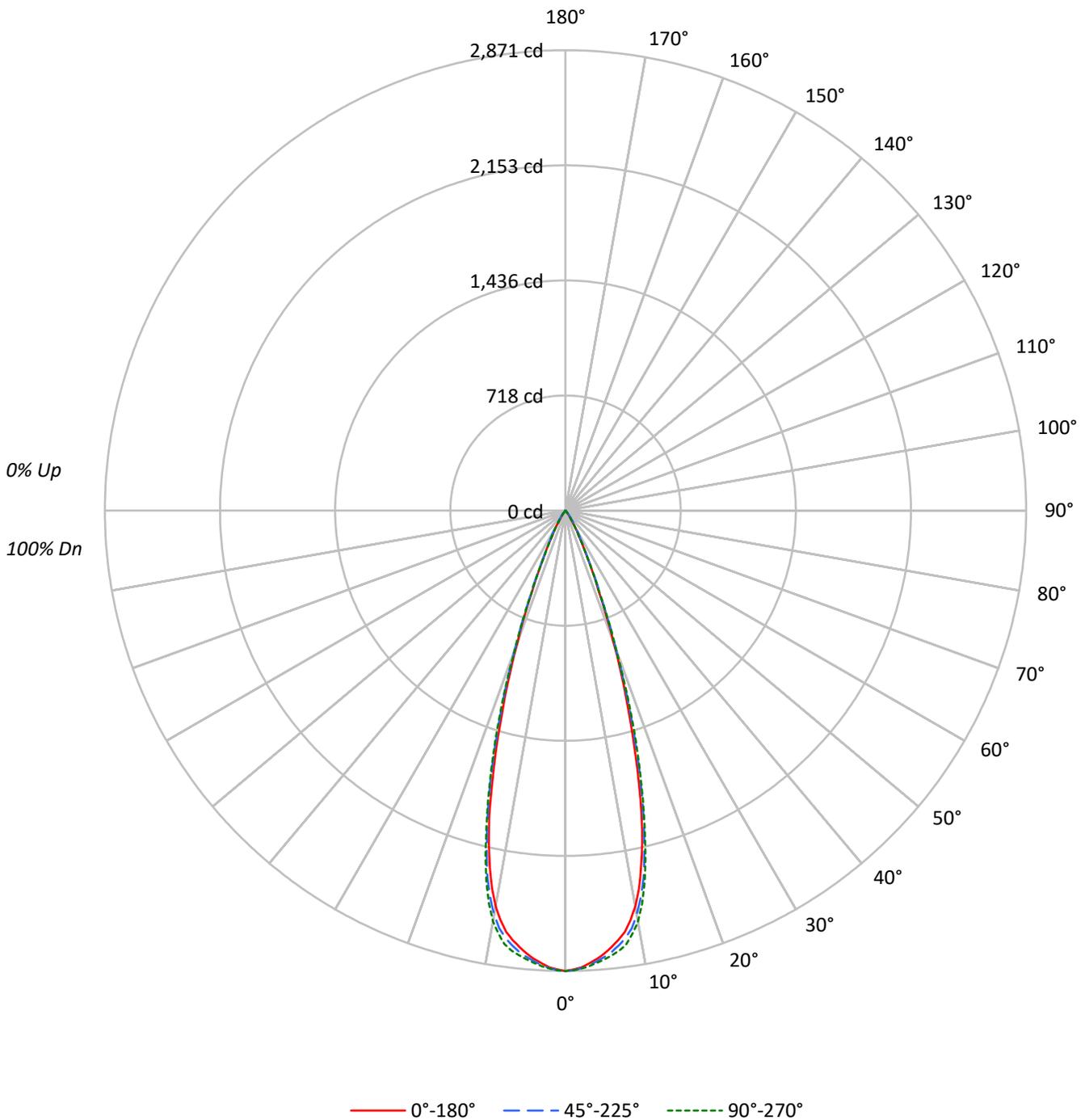
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 956.0 lumens  
Efficiency: N/A  
Efficacy: 65.9 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): 14.5  
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				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	100	100	100	100
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	96	96	96
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	93	93	93
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	89	89	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	86	86	86
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	83	83	83
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	80	80	80
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	78	78	78	78
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	75	75	75	75
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	73	73	73	73
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	71	71	71	71

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

	0°	45°	90°
0°	494503	494503	494503
5°	479501	482907	485518
10°	438178	447447	455124
15°	315106	328871	331581
20°	160421	168467	168888
25°	60866	62158	60428
30°	23645	27404	23049
35°	8115	12741	7632
40°	2720	4946	2563
45°	195	1656	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: 1656 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	259.9	27.2
10°-20°	484.2	50.7
20°-30°	174.1	18.2
30°-40°	34.0	3.6
40°-50°	3.8	0.4
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°	918.2	96.0
0°-40°	952.2	99.6
0°-60°	956.0	100.0
0°-90°	956.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	956.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2871	2871	2871	2871	2871	
5°	2774	2781	2793	2806	2808	257
15°	1767	1797	1844	1857	1860	470
25°	320	323	327	325	318	168
35°	39	44	61	45	36	29
45°	1	2	7	2	1	2
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°	2871.3	2871.3	2871.3	2871.3	2871.3
1°	2863.0	2866.7	2867.5	2872.8	2866.7
2°	2850.8	2853.1	2856.1	2860.7	2857.6
3°	2827.4	2831.9	2838.7	2844.8	2844.8
4°	2802.4	2808.4	2816.8	2827.4	2826.6
5°	2773.6	2781.2	2793.3	2806.2	2808.4
6°	2737.3	2746.3	2766.0	2784.2	2787.2
7°	2698.6	2712.3	2731.2	2757.7	2764.5
8°	2653.2	2663.8	2691.1	2722.1	2729.7
9°	2586.6	2602.5	2637.3	2666.1	2670.6
10°	2505.6	2516.9	2558.6	2588.8	2602.5
11°	2401.1	2417.7	2458.6	2489.7	2498.7
12°	2267.8	2292.0	2339.7	2362.4	2370.0
13°	2123.9	2144.4	2181.5	2209.5	2215.5
14°	1961.9	1981.6	2020.2	2042.9	2037.6
15°	1767.3	1796.8	1844.5	1857.4	1859.7
17.5°	1305.4	1324.3	1366.7	1387.2	1401.6
20°	875.3	893.5	919.2	932.9	921.5
22.5°	532.3	547.5	561.1	560.3	556.5
25°	320.3	323.3	327.1	324.8	318.0
27.5°	187.0	195.4	206.7	199.1	187.8
30°	118.9	125.7	137.8	124.9	115.9
32.5°	62.8	79.5	92.4	75.0	65.9
35°	38.6	43.9	60.6	44.7	36.3
37.5°	23.5	27.3	37.9	26.5	21.2
40°	12.1	17.4	22.0	15.9	11.4
42.5°	3.8	8.3	12.1	7.6	3.8
45°	0.8	2.3	6.8	2.3	0.8
47.5°	0.0	0.0	3.0	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)