

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: P1318372

Luminaire Tested: LDSQA3D13R359830DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1318372  
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: LDSQA3D13R359830DE010 3LSQCDR1MMS  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , 3LSQCDR1MMS TRIM  
Light Source: -  
Ballast/Driver: -

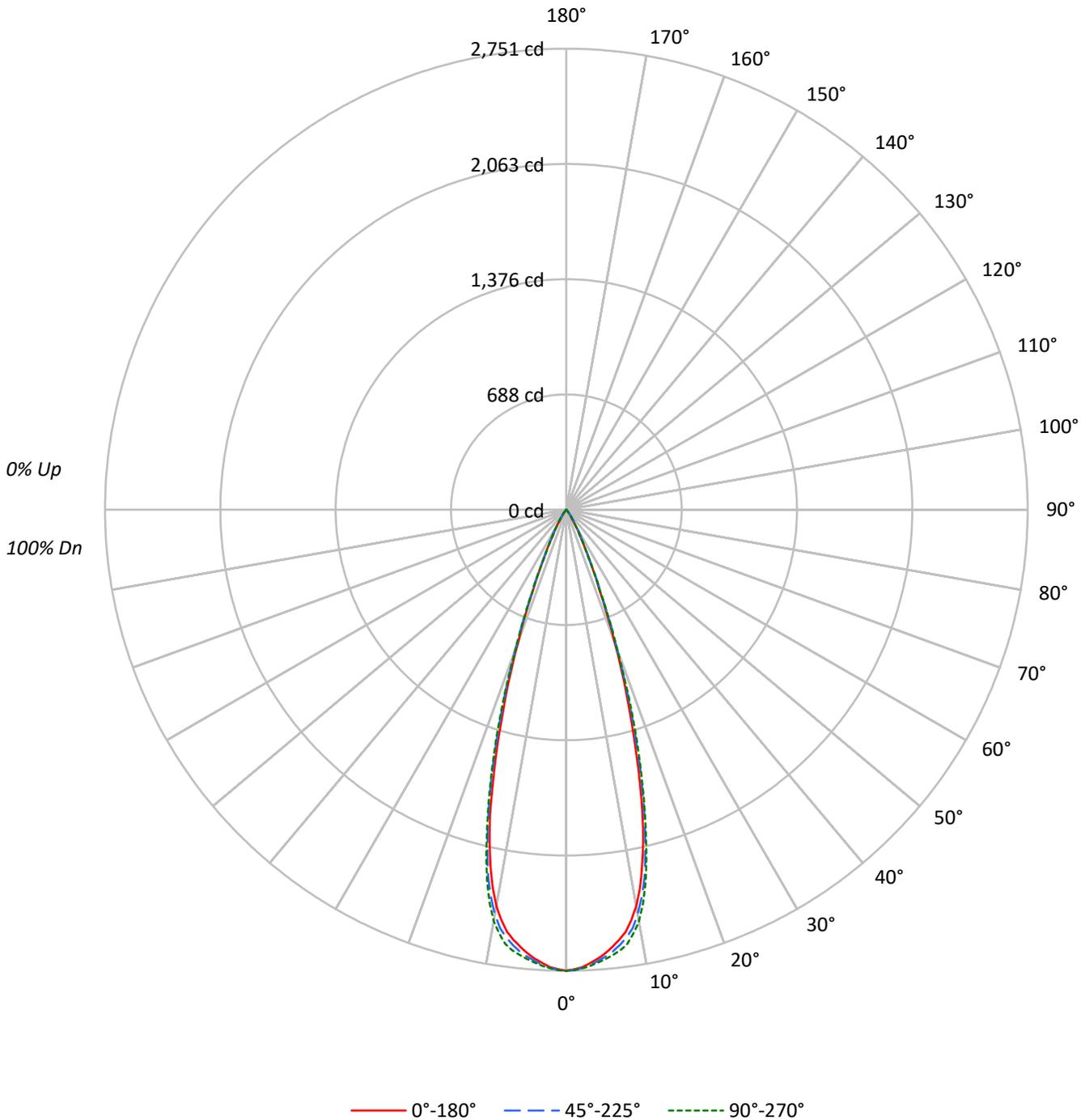
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 916.0 lumens  
Efficiency: N/A  
Efficacy: 63.2 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				
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	98	96	96	96
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	94	93	93	93
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	91	89	89	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	87	86	86	86
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	84	83	83	83
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	82	80	80	80
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	79	78	78	78
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	76	75	75	75
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	74	73	73	73
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	72	71	71	71

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

	0°	45°	90°
0°	473802	473802	473802
5°	459447	462697	465204
10°	419833	428717	436079
15°	301912	315106	317709
20°	153713	161429	161814
25°	58319	59554	57901
30°	22651	26250	22074
35°	7779	12194	7317
40°	2608	4721	2451
45°	170	1583	170
50°	0	188	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: 1583 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	249.0	27.2
10°-20°	464.0	50.7
20°-30°	166.8	18.2
30°-40°	32.5	3.6
40°-50°	3.6	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°	879.8	96.0
0°-40°	912.3	99.6
0°-60°	916.0	100.0
0°-90°	916.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	916.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2751	2751	2751	2751	2751	
5°	2658	2665	2676	2689	2691	246
15°	1693	1722	1767	1780	1782	450
25°	307	310	313	311	305	161
35°	37	42	58	43	35	28
45°	1	2	6	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°	2751.1	2751.1	2751.1	2751.1	2751.1
1°	2743.2	2746.8	2747.5	2752.6	2746.8
2°	2731.6	2733.7	2736.6	2741.0	2738.1
3°	2709.1	2713.4	2719.9	2725.7	2725.7
4°	2685.1	2690.9	2698.9	2709.1	2708.3
5°	2657.6	2664.8	2676.4	2688.7	2690.9
6°	2622.7	2631.4	2650.3	2667.7	2670.6
7°	2585.7	2598.8	2616.9	2642.3	2648.8
8°	2542.2	2552.4	2578.5	2608.2	2615.5
9°	2478.3	2493.6	2527.0	2554.5	2558.9
10°	2400.7	2411.6	2451.5	2480.5	2493.6
11°	2300.6	2316.6	2355.7	2385.5	2394.2
12°	2172.9	2196.1	2241.8	2263.6	2270.9
13°	2035.1	2054.7	2090.2	2117.0	2122.8
14°	1879.8	1898.7	1935.7	1957.4	1952.4
15°	1693.3	1721.6	1767.3	1779.7	1781.9
17.5°	1250.8	1268.9	1309.5	1329.1	1342.9
20°	838.7	856.1	880.8	893.8	882.9
22.5°	510.0	524.5	537.6	536.9	533.3
25°	306.9	309.8	313.4	311.2	304.7
27.5°	179.2	187.2	198.1	190.8	179.9
30°	113.9	120.4	132.0	119.7	111.0
32.5°	60.2	76.2	88.5	71.8	63.1
35°	37.0	42.1	58.0	42.8	34.8
37.5°	22.5	26.1	36.3	25.4	20.3
40°	11.6	16.7	21.0	15.2	10.9
42.5°	3.6	8.0	11.6	7.3	3.6
45°	0.7	2.2	6.5	2.2	0.7
47.5°	0.0	0.0	2.9	0.7	0.0
50°	0.0	0.0	0.7	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)