

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: P1320125

Luminaire Tested: LDSQA3D13R359840DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320125
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: LDSQA3D13R359840DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 98CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

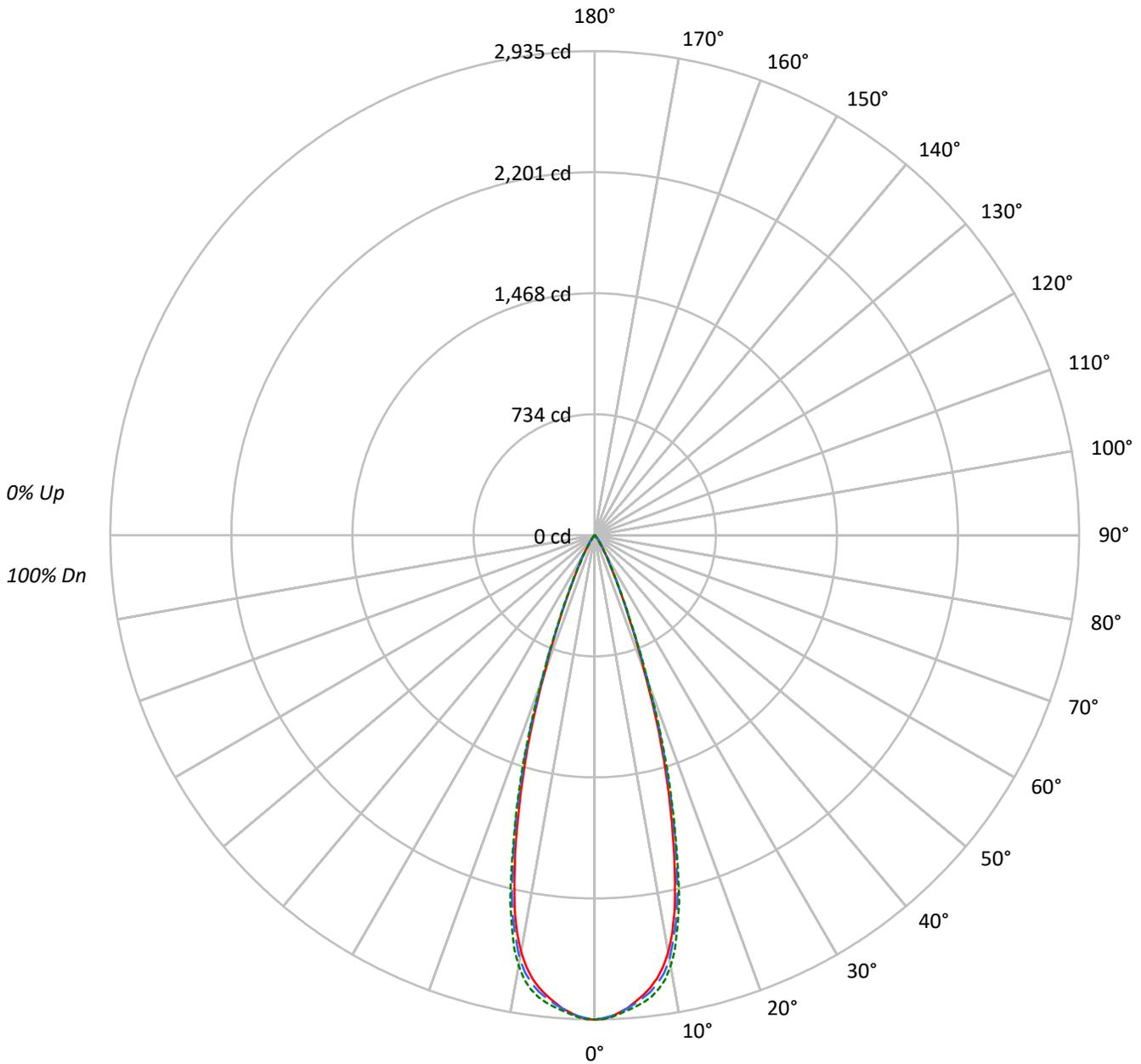
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 986.0 lumens
Efficiency: N/A
Efficacy: 68.0 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 (A_{in}): 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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	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	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	94	94	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	94	92	89
4	103	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	91	89	86
5	100	94	90	86	99	93	89	86	91	88	85	90	87	85	89	86	84	89	86	83
6	97	90	86	83	96	90	86	83	88	85	82	87	84	82	86	83	81	86	83	80
7	94	87	83	80	93	87	82	79	85	82	79	84	81	79	83	81	78	83	81	77
8	91	84	80	77	90	84	79	77	83	79	76	82	78	76	81	78	76	81	78	75
9	88	81	77	74	88	81	77	74	80	76	74	79	76	74	79	76	73	79	76	72
10	86	79	75	72	85	78	74	72	78	74	71	77	74	71	76	73	71	76	73	70

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	505525	505525	505525
5°	490566	492295	495631
10°	448741	456540	463535
15°	322113	333916	337340
20°	162034	171473	171894
25°	61417	63317	63602
30°	24938	28617	24480
35°	9062	13750	8725
40°	3799	5890	3642
45°	926	2436	926
50°	616	1018	616
55°	691	691	691
60°	792	792	792
65°	611	611	611
70°	403	403	403
75°	532	532	532
80°	793	793	793
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 2436 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	265.4	26.9
10°-20°	494.4	50.1
20°-30°	177.8	18.0
30°-40°	37.4	3.8
40°-50°	6.4	0.7
50°-60°	2.1	0.2
60°-70°	1.5	0.2
70°-80°	0.8	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°	937.6	95.1
0°-40°	975.0	98.9
0°-60°	983.5	99.7
0°-90°	986.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	986.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2935	2935	2935	2935	2935	
5°	2838	2843	2848	2867	2867	263
15°	1807	1838	1873	1893	1892	481
25°	323	328	333	336	335	172
35°	43	51	65	50	42	33
45°	4	6	10	6	4	5
55°	2	2	2	2	2	2
65°	2	2	2	2	2	1
75°	1	1	1	1	1	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2935.3	2935.3	2935.3	2935.3	2935.3
1°	2933.8	2933.8	2927.6	2934.6	2932.3
2°	2917.6	2919.2	2915.3	2923.8	2923.0
3°	2895.3	2899.2	2896.1	2908.4	2904.6
4°	2871.5	2874.6	2873.0	2888.4	2886.9
5°	2837.6	2843.0	2847.6	2866.9	2866.9
6°	2803.0	2808.4	2818.4	2839.2	2846.1
7°	2763.0	2769.9	2786.1	2813.8	2818.4
8°	2712.2	2719.9	2742.2	2772.2	2778.4
9°	2649.1	2660.7	2686.0	2722.2	2726.1
10°	2566.0	2575.2	2610.6	2640.6	2650.6
11°	2458.3	2466.0	2497.5	2546.0	2552.2
12°	2327.5	2336.7	2377.5	2409.1	2415.2
13°	2162.1	2179.8	2229.0	2259.8	2276.7
14°	1992.0	2015.9	2051.3	2095.1	2084.4
15°	1806.6	1838.1	1872.8	1892.8	1892.0
17.5°	1351.9	1370.3	1401.1	1412.7	1428.0
20°	884.1	907.9	935.6	946.4	937.9
22.5°	548.6	554.8	563.2	567.8	566.3
25°	323.2	327.8	333.2	336.2	334.7
27.5°	194.7	205.4	213.1	203.9	198.5
30°	125.4	130.0	143.9	131.6	123.1
32.5°	74.6	85.4	96.9	82.3	71.6
35°	43.1	50.8	65.4	50.0	41.5
37.5°	27.7	31.5	42.3	30.8	26.9
40°	16.9	21.5	26.2	20.0	16.2
42.5°	8.5	13.1	15.4	11.5	8.5
45°	3.8	6.2	10.0	6.2	3.8
47.5°	2.3	3.1	6.2	3.1	2.3
50°	2.3	2.3	3.8	2.3	2.3
52.5°	2.3	2.3	2.3	2.3	2.3
55°	2.3	2.3	2.3	2.3	2.3
57.5°	2.3	2.3	2.3	2.3	2.3
60°	2.3	2.3	2.3	2.3	2.3
62.5°	1.5	1.5	1.5	1.5	1.5
65°	1.5	1.5	1.5	1.5	1.5
67.5°	1.5	1.5	1.5	1.5	1.5
70°	0.8	0.8	0.8	0.8	0.8
72.5°	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8
80°	0.8	0.8	0.8	0.8	0.8
82.5°	0.8	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)