

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: P1312001

Luminaire Tested: LDSQA3D24R609040D010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1312001
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D24R609040D010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 90CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

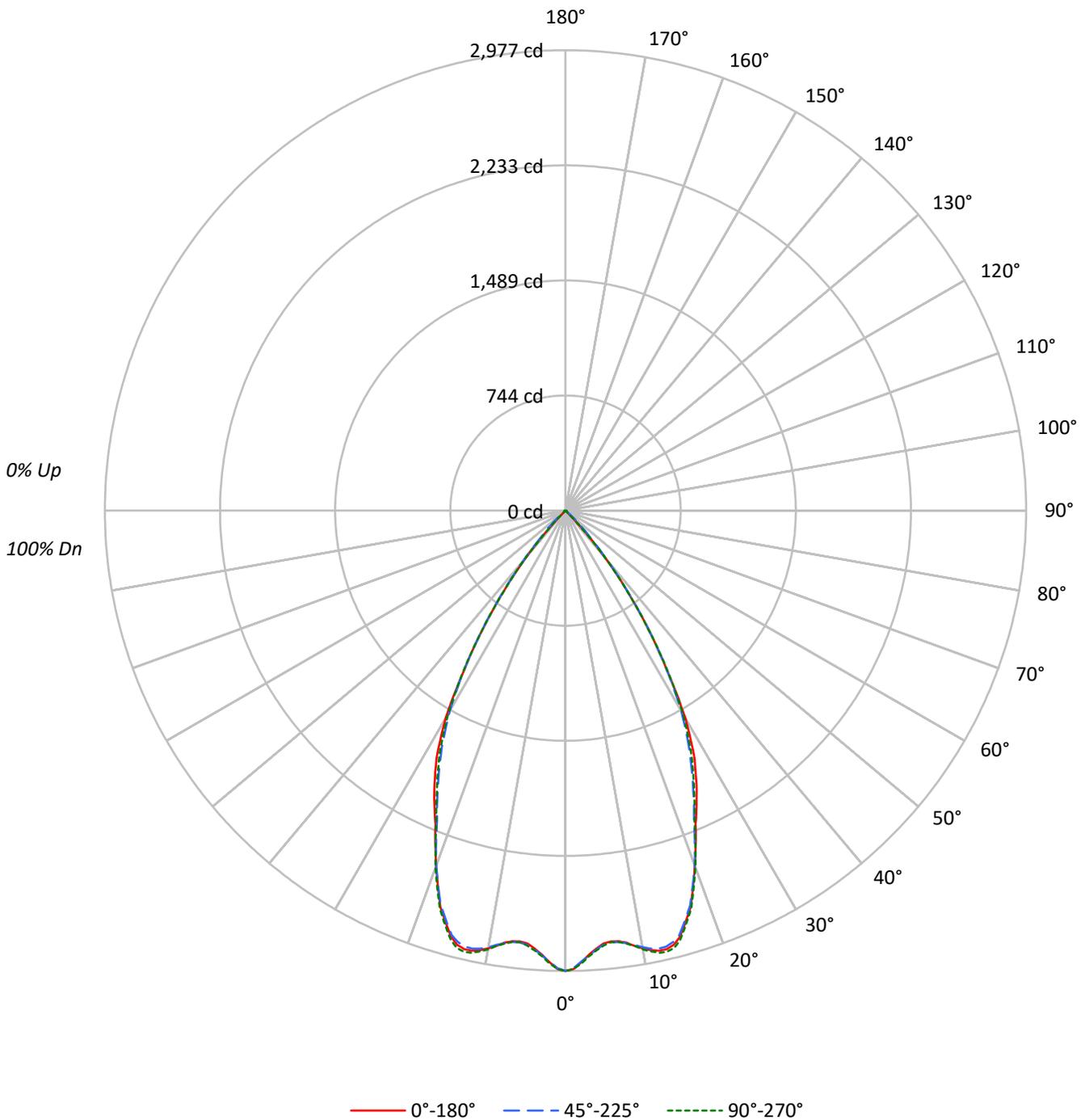
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2655.0 lumens
Efficiency: N/A
Efficacy: 92.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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





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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	114	111	108	106	111	109	107	105	105	103	101	101	100	98	98	96	95	94	94	94	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87	87	87	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	82	82	82	82
4	98	90	85	81	96	89	84	80	87	83	79	85	81	79	83	80	78	76	76	76	76
5	93	85	79	75	91	84	79	75	82	77	74	80	76	73	79	75	73	71	71	71	71
6	88	80	74	70	87	79	73	69	77	73	69	76	72	68	75	71	68	67	67	67	67
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62	62
8	80	71	65	61	79	70	65	61	69	64	60	68	64	60	67	63	60	59	59	59	59
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	60	56	55	55	55	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	512638	512638	512638
5°	485881	487316	488024
10°	502761	501292	503845
15°	508880	506652	511840
20°	448090	447705	449996
25°	381307	370248	373402
30°	307744	297006	301957
35°	194771	196516	194350
40°	91075	94807	92469
45°	5553	33392	6576
50°	2786	7797	2786
55°	3123	3123	3123
60°	2859	2859	2859
65°	2527	3382	2527
70°	3122	3122	3122
75°	2795	2795	2795
80°	2083	2083	2083
85°	4150	4150	4150

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 33392 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	271.2	10.2
10°-20°	781.4	29.4
20°-30°	900.7	33.9
30°-40°	578.4	21.8
40°-50°	100.6	3.8
50°-60°	9.6	0.4
60°-70°	7.3	0.3
70°-80°	4.4	0.2
80°-90°	1.4	0.1
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°	1953.3	73.6
0°-40°	2531.7	95.4
0°-60°	2641.9	99.5
0°-90°	2655.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2655.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2977	2977	2977	2977	2977	
5°	2810	2817	2819	2825	2823	271
15°	2854	2844	2842	2860	2871	782
25°	2007	1984	1948	1950	1965	915
35°	926	920	935	916	924	578
45°	23	68	137	81	27	76
55°	10	10	10	10	10	9
65°	6	8	8	8	6	7
75°	4	4	4	4	4	4
85°	2	2	2	2	2	1
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2976.6	2976.6	2976.6	2976.6	2976.6
1°	2964.2	2962.1	2960.0	2962.1	2964.2
2°	2922.6	2920.6	2918.5	2926.8	2930.9
3°	2876.9	2879.0	2881.1	2885.2	2887.3
4°	2839.5	2843.7	2845.8	2849.9	2852.0
5°	2810.5	2816.7	2818.8	2825.0	2822.9
6°	2802.1	2806.3	2808.4	2810.5	2806.3
7°	2806.3	2808.4	2810.5	2814.6	2810.5
8°	2820.8	2822.9	2825.0	2827.1	2827.1
9°	2849.9	2845.8	2843.7	2852.0	2849.9
10°	2874.9	2868.6	2866.5	2879.0	2881.1
11°	2895.6	2887.3	2885.2	2899.8	2903.9
12°	2910.2	2897.7	2895.6	2914.3	2922.6
13°	2910.2	2893.5	2893.5	2914.3	2926.8
14°	2893.5	2874.9	2874.9	2897.7	2912.2
15°	2854.1	2843.7	2841.6	2860.3	2870.7
17.5°	2687.9	2675.4	2677.5	2698.3	2700.4
20°	2444.9	2438.6	2442.8	2446.9	2455.3
22.5°	2197.7	2193.5	2170.7	2176.9	2181.1
25°	2006.6	1983.7	1948.4	1950.5	1965.0
27.5°	1805.1	1782.2	1732.4	1742.8	1757.3
30°	1547.5	1528.8	1493.5	1499.7	1518.4
32.5°	1215.2	1252.6	1219.3	1229.7	1223.5
35°	926.4	920.2	934.7	916.0	924.4
37.5°	652.2	654.3	660.6	643.9	643.9
40°	405.1	415.4	421.7	413.4	411.3
42.5°	170.3	232.6	245.1	232.6	172.4
45°	22.8	68.5	137.1	81.0	27.0
47.5°	10.4	14.5	72.7	14.5	10.4
50°	10.4	10.4	29.1	10.4	10.4
52.5°	10.4	10.4	10.4	10.4	10.4
55°	10.4	10.4	10.4	10.4	10.4
57.5°	10.4	10.4	10.4	10.4	10.4
60°	8.3	8.3	8.3	8.3	8.3
62.5°	8.3	8.3	8.3	8.3	8.3
65°	6.2	8.3	8.3	8.3	6.2
67.5°	6.2	6.2	6.2	6.2	6.2
70°	6.2	6.2	6.2	6.2	6.2
72.5°	4.2	4.2	4.2	4.2	4.2
75°	4.2	4.2	4.2	4.2	4.2
77.5°	4.2	4.2	4.2	4.2	4.2
80°	2.1	2.1	2.1	2.1	2.1
82.5°	2.1	2.1	2.1	2.1	2.1
85°	2.1	2.1	2.1	2.1	2.1
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)