

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: P1309763

Luminaire Tested: LDSQA3D24R609030D010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309763
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D24R609030D010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

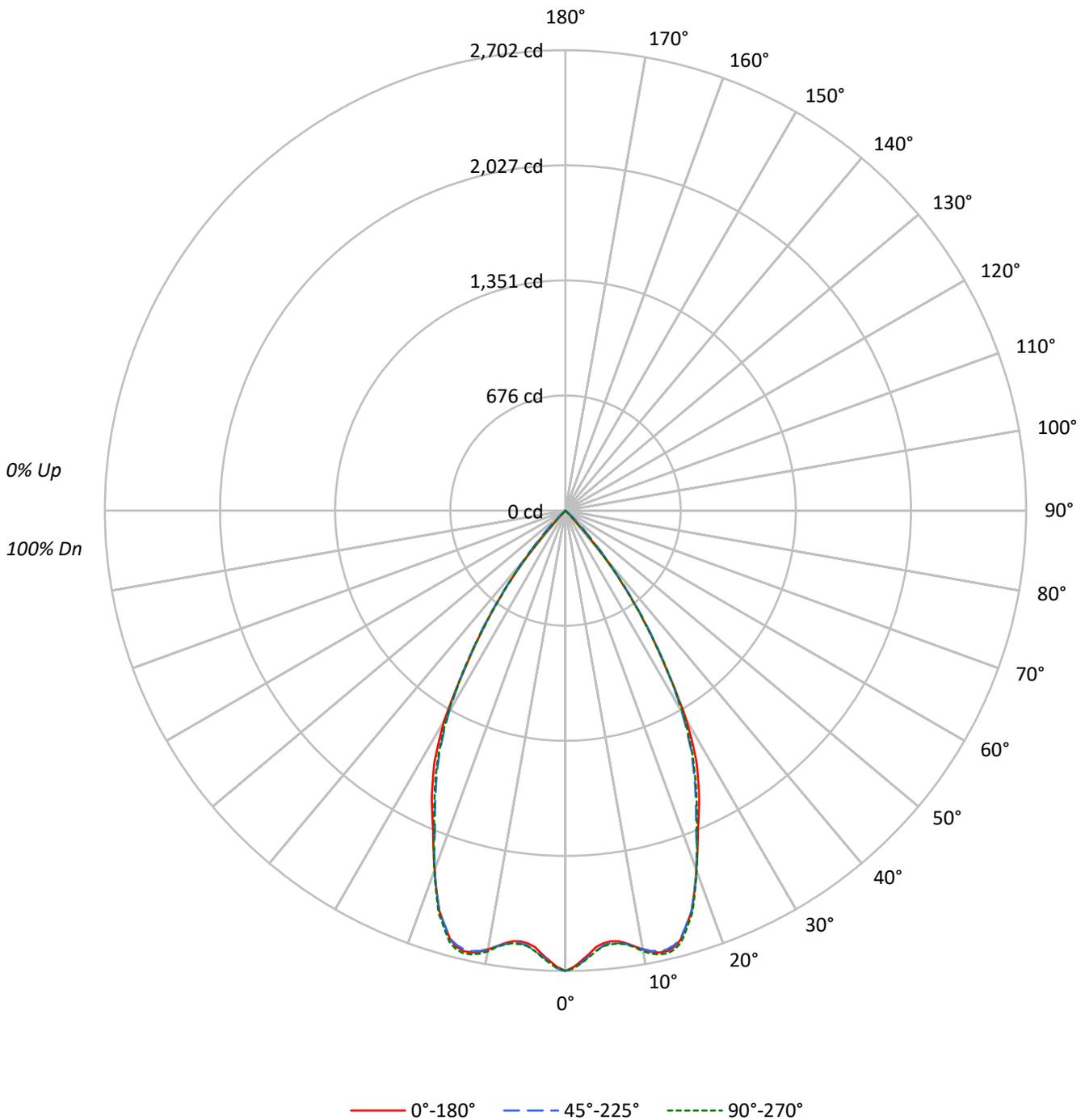
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2394.0 lumens
Efficiency: N/A
Efficacy: 83.1 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 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 (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	102	102	102	100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	96	96	96	94
2	108	104	100	97	106	102	98	95	99	96	93	96	93	91	93	91	89	93	91	89	88
3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	88	86	84	82
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84	81	78	84	81	78	77
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79	76	73	79	76	73	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	75	72	69	67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	71	67	64	63
8	81	71	66	62	79	71	65	61	70	65	61	69	64	61	68	64	61	68	64	61	59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	64	60	57	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	61	57	54	53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	465259	465259	465259
5°	440621	442937	443594
10°	457397	456733	459408
15°	464983	464306	467711
20°	411490	411490	412187
25°	352632	342105	345012
30°	282091	271849	276025
35°	175008	178624	174608
40°	76821	84555	78980
45°	926	27425	2314
50°	0	3081	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: 27425 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	246.7	10.3
10°-20°	715.2	29.9
20°-30°	830.3	34.7
30°-40°	522.9	21.8
40°-50°	78.5	3.3
50°-60°	0.4	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°	1792.2	74.9
0°-40°	2315.1	96.7
0°-60°	2394.0	100.0
0°-90°	2394.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2394.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2702	2702	2702	2702	2702	
5°	2549	2558	2562	2568	2566	246
15°	2608	2598	2604	2621	2623	715
25°	1856	1835	1800	1808	1816	844
35°	832	834	850	832	830	520
45°	4	36	113	48	10	51
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°	2701.5	2701.5	2701.5	2701.5	2701.5
1°	2680.4	2688.1	2688.1	2690.0	2688.1
2°	2644.2	2655.6	2655.6	2661.4	2657.5
3°	2607.9	2617.4	2619.4	2627.0	2625.1
4°	2567.8	2583.1	2588.8	2592.6	2590.7
5°	2548.7	2558.3	2562.1	2567.8	2565.9
6°	2541.1	2548.7	2552.5	2558.3	2558.3
7°	2546.8	2552.5	2558.3	2562.1	2558.3
8°	2564.0	2569.7	2569.7	2577.4	2571.6
9°	2588.8	2590.7	2590.7	2600.3	2594.5
10°	2615.5	2611.7	2611.7	2625.1	2627.0
11°	2638.4	2634.6	2632.7	2646.1	2649.9
12°	2651.8	2644.2	2644.2	2661.4	2663.3
13°	2653.7	2644.2	2644.2	2661.4	2667.1
14°	2638.4	2627.0	2628.9	2648.0	2653.7
15°	2607.9	2598.4	2604.1	2621.3	2623.2
17.5°	2462.8	2457.1	2460.9	2472.4	2474.3
20°	2245.2	2241.3	2245.2	2245.2	2249.0
22.5°	2029.4	2019.9	2000.8	2012.2	2014.2
25°	1855.7	1834.7	1800.3	1808.0	1815.6
27.5°	1664.8	1638.1	1601.8	1611.3	1613.2
30°	1418.5	1405.1	1367.0	1376.5	1388.0
32.5°	1095.9	1132.1	1109.2	1107.3	1109.2
35°	832.4	834.3	849.6	832.4	830.5
37.5°	582.3	584.2	595.7	576.6	578.5
40°	341.7	366.6	376.1	368.5	351.3
42.5°	106.9	189.0	213.8	185.2	118.4
45°	3.8	36.3	112.6	47.7	9.5
47.5°	0.0	1.9	53.5	3.8	0.0
50°	0.0	0.0	11.5	0.0	0.0
52.5°	0.0	0.0	1.9	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)