

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: P1326406

Luminaire Tested: LDSQA3D09R30W2N902765DE010 3LSQCDR1MMS_6500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326406
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R30W2N902765DE010 3LSQCDR1MMS_6500K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 6500K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

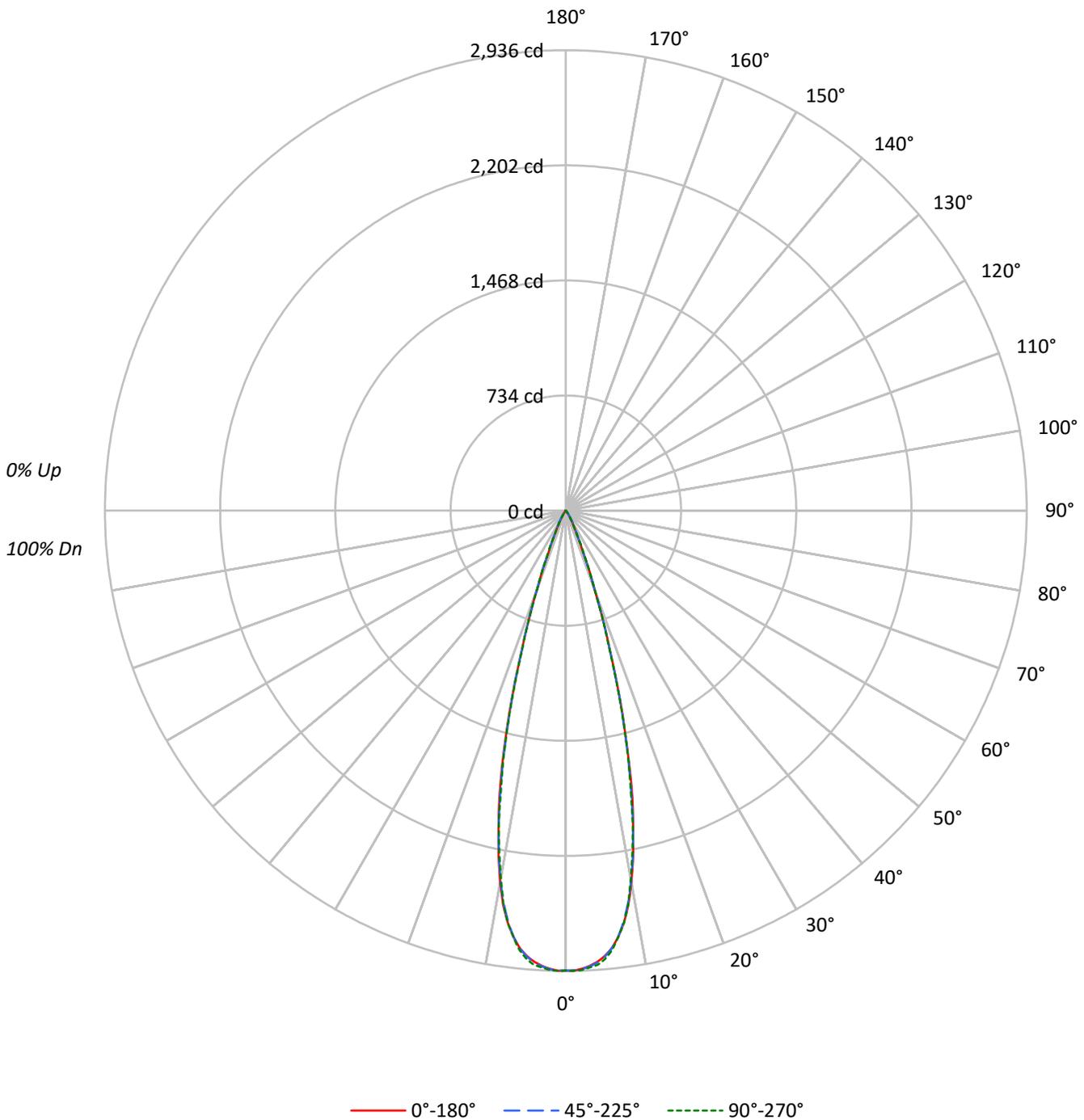
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 757.0 lumens
Efficiency: N/A
Efficacy: 84.1 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.46
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 9
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	115	113	111	110	113	111	109	108	107	106	105	103	102	101	100	99	99	99	99	99	97	
2	112	108	105	103	109	106	104	102	103	101	99	100	99	97	98	96	95	95	94	94	94	
3	108	104	100	97	106	102	99	97	100	97	95	98	95	94	95	94	92	95	94	92	91	
4	105	100	96	93	103	99	95	92	97	94	91	95	92	90	93	91	89	93	91	89	88	
5	102	96	92	89	101	95	92	89	94	91	88	92	90	87	91	89	87	91	89	87	86	
6	99	93	89	86	98	92	89	86	91	88	85	90	87	85	89	86	84	89	86	84	83	
7	96	90	86	83	95	90	86	83	89	85	83	87	85	82	87	84	82	87	84	82	81	
8	94	88	84	81	93	87	83	81	86	83	80	85	82	80	84	82	80	84	82	80	79	
9	91	85	81	78	91	85	81	78	84	80	78	83	80	78	82	80	78	82	80	78	77	
10	89	83	79	76	88	82	79	76	82	78	76	81	78	76	80	78	76	80	78	76	75	

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	505250	505250	505250
5°	492934	493539	496288
10°	421005	419046	416580
15°	259816	256767	257712
20°	98199	98731	98621
25°	30214	33122	31544
30°	12171	15452	12648
35°	3595	6560	3721
40°	1461	2653	1461
45°	292	852	292
50°	0	161	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: 852 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	258.8	34.2
10°-20°	383.1	50.6
20°-30°	95.0	12.6
30°-40°	17.8	2.4
40°-50°	2.3	0.3
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°	736.9	97.3
0°-40°	754.7	99.7
0°-60°	757.0	100.0
0°-90°	757.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	757.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2934	2934	2934	2934	2934	
5°	2851	2850	2855	2860	2871	259
15°	1457	1443	1440	1451	1445	385
25°	159	170	174	174	166	92
35°	17	22	31	23	18	14
45°	1	2	4	2	1	1
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°	2933.7	2933.7	2933.7	2933.7	2933.7
1°	2934.9	2932.6	2932.6	2929.0	2935.5
2°	2924.3	2922.0	2926.1	2923.1	2931.4
3°	2908.4	2905.5	2911.4	2913.1	2917.2
4°	2884.9	2882.5	2889.0	2892.5	2903.7
5°	2851.3	2850.1	2854.8	2859.5	2870.7
6°	2805.4	2803.6	2806.6	2812.4	2819.5
7°	2738.9	2735.3	2737.7	2738.9	2740.6
8°	2654.7	2649.4	2646.4	2652.9	2656.4
9°	2546.3	2540.4	2534.0	2531.6	2539.9
10°	2407.4	2398.6	2396.2	2390.3	2382.1
11°	2246.1	2239.0	2237.2	2226.6	2221.9
12°	2061.2	2057.7	2061.8	2055.3	2053.0
13°	1884.0	1861.6	1858.7	1846.3	1839.8
14°	1674.4	1653.8	1653.2	1646.7	1655.6
15°	1457.2	1443.0	1440.1	1451.3	1445.4
17.5°	929.0	938.5	936.1	930.2	920.2
20°	535.8	529.3	538.7	541.1	538.1
22.5°	285.5	287.9	289.7	296.7	301.4
25°	159.0	169.6	174.3	173.7	166.0
27.5°	98.9	105.4	114.2	108.3	101.9
30°	61.2	66.5	77.7	67.1	63.6
32.5°	33.0	41.8	50.0	41.8	34.1
35°	17.1	22.4	31.2	23.0	17.7
37.5°	11.2	13.0	20.0	13.0	11.2
40°	6.5	8.2	11.8	8.2	6.5
42.5°	2.9	4.7	6.5	4.7	2.9
45°	1.2	1.8	3.5	2.4	1.2
47.5°	0.0	0.6	1.8	0.6	0.0
50°	0.0	0.0	0.6	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)