

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: P1326396

Luminaire Tested: LDSQA3D09R30W2N902765DE010 3LSQCDR1MB\_3000K

Issue Date: 1/29/2026

**Test Information**

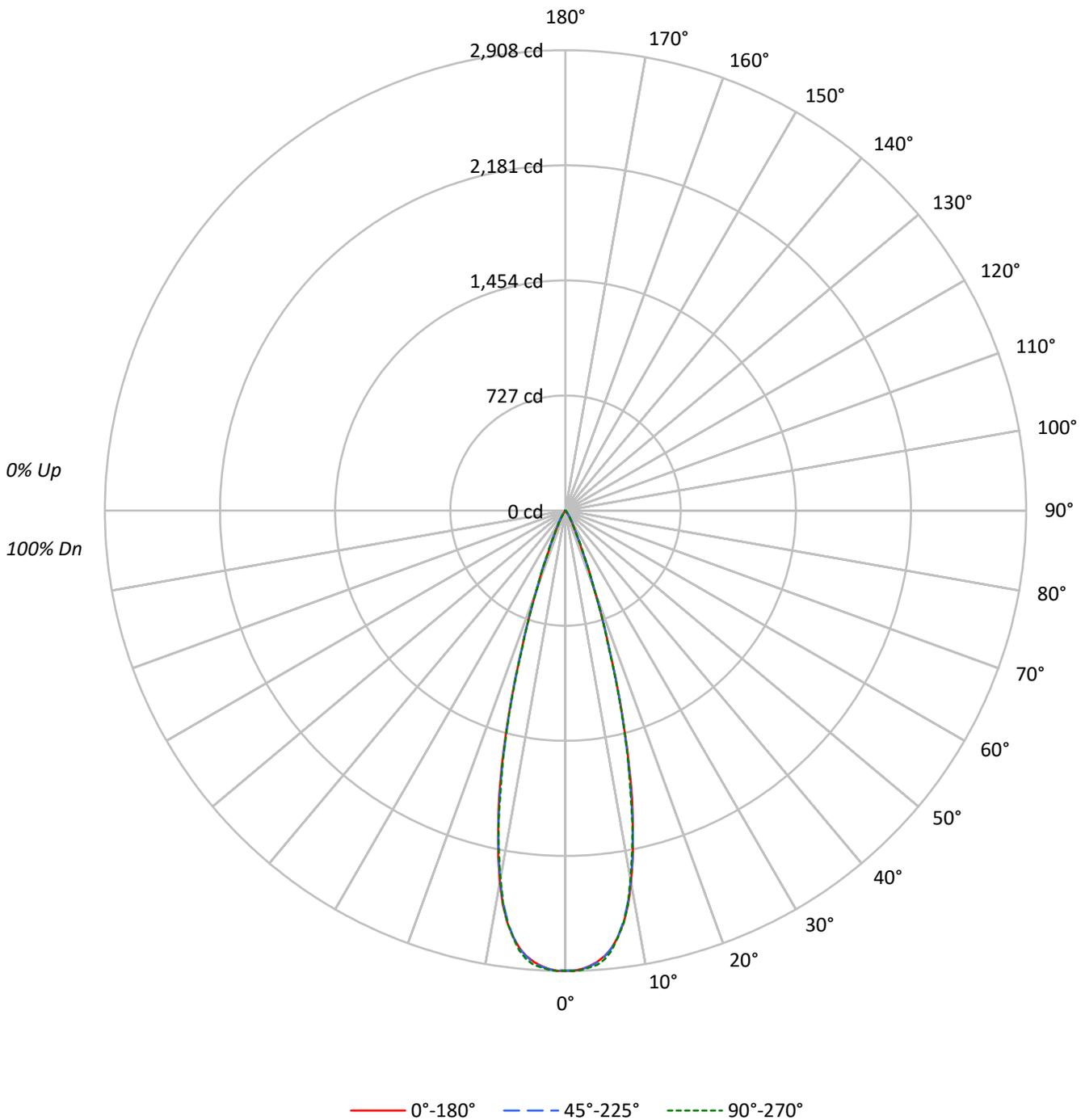
Test Method: LM-79-2019  
Report Number: P1326396  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-24)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D09R30W2N902765DE010 3LSQCDR1MB\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,  
3LSQCDR1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 750.0 lumens  
Efficiency: N/A  
Efficacy: 83.3 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	95	95	94
3	108	104	100	97	106	102	99	97	100	97	95	98	95	94	95	94	92	92	92	92	91
4	105	100	96	93	103	99	95	92	97	94	91	95	92	90	93	91	89	89	89	89	88
5	102	96	92	89	101	95	92	89	94	91	88	92	90	87	91	89	87	87	87	87	86
6	99	93	89	86	98	92	89	86	91	88	85	90	87	85	89	86	84	84	84	84	83
7	96	90	86	83	95	90	86	83	89	85	83	87	85	82	87	84	82	82	82	82	81
8	94	88	84	81	93	87	83	81	86	83	80	85	82	80	84	82	80	80	80	80	79
9	91	85	81	78	91	85	81	78	84	80	78	83	80	78	82	80	78	78	78	78	77
10	89	83	79	76	88	82	79	76	82	78	76	81	78	76	80	78	76	76	76	76	75

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

	0°	45°	90°
0°	500582	500582	500582
5°	488370	488975	491707
10°	417105	415164	412716
15°	257409	254396	255323
20°	97283	97814	97704
25°	29929	32818	31259
30°	12071	15313	12529
35°	3553	6497	3679
40°	1439	2630	1439
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°	256.4	34.2
10°-20°	379.6	50.6
20°-30°	94.2	12.6
30°-40°	17.7	2.4
40°-50°	2.2	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°	730.1	97.3
0°-40°	747.8	99.7
0°-60°	750.0	100.0
0°-90°	750.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	750.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2907	2907	2907	2907	2907	
5°	2825	2824	2828	2833	2844	257
15°	1444	1430	1427	1438	1432	381
25°	158	168	173	172	164	91
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°	2906.6	2906.6	2906.6	2906.6	2906.6
1°	2907.8	2905.4	2905.4	2901.9	2908.4
2°	2897.3	2894.9	2899.0	2896.1	2904.3
3°	2881.5	2878.6	2884.4	2886.2	2890.3
4°	2858.2	2855.9	2862.3	2865.8	2876.9
5°	2824.9	2823.8	2828.4	2833.1	2844.2
6°	2779.4	2777.7	2780.6	2786.4	2793.4
7°	2713.5	2710.0	2712.4	2713.5	2715.3
8°	2630.1	2624.9	2622.0	2628.4	2631.9
9°	2522.8	2517.0	2510.5	2508.2	2516.4
10°	2385.1	2376.4	2374.0	2368.2	2360.0
11°	2225.3	2218.3	2216.6	2206.1	2201.4
12°	2042.1	2038.6	2042.7	2036.3	2034.0
13°	1866.6	1844.4	1841.5	1829.2	1822.8
14°	1658.9	1638.5	1637.9	1631.5	1640.3
15°	1443.7	1429.7	1426.8	1437.8	1432.0
17.5°	920.5	929.8	927.5	921.6	911.7
20°	530.8	524.4	533.7	536.1	533.1
22.5°	282.9	285.2	287.0	294.0	298.7
25°	157.5	168.0	172.7	172.1	164.5
27.5°	98.0	104.4	113.2	107.3	100.9
30°	60.7	65.9	77.0	66.5	63.0
32.5°	32.7	41.4	49.6	41.4	33.8
35°	16.9	22.2	30.9	22.7	17.5
37.5°	11.1	12.8	19.8	12.8	11.1
40°	6.4	8.2	11.7	8.2	6.4
42.5°	2.9	4.7	6.4	4.7	2.9
45°	1.2	1.7	3.5	2.3	1.2
47.5°	0.0	0.6	1.7	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)