

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: P1326408

Luminaire Tested: LDSQA3D09R30W2N902765DE010 3LSQCDR1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326408
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-36)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R30W2N902765DE010 3LSQCDR1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

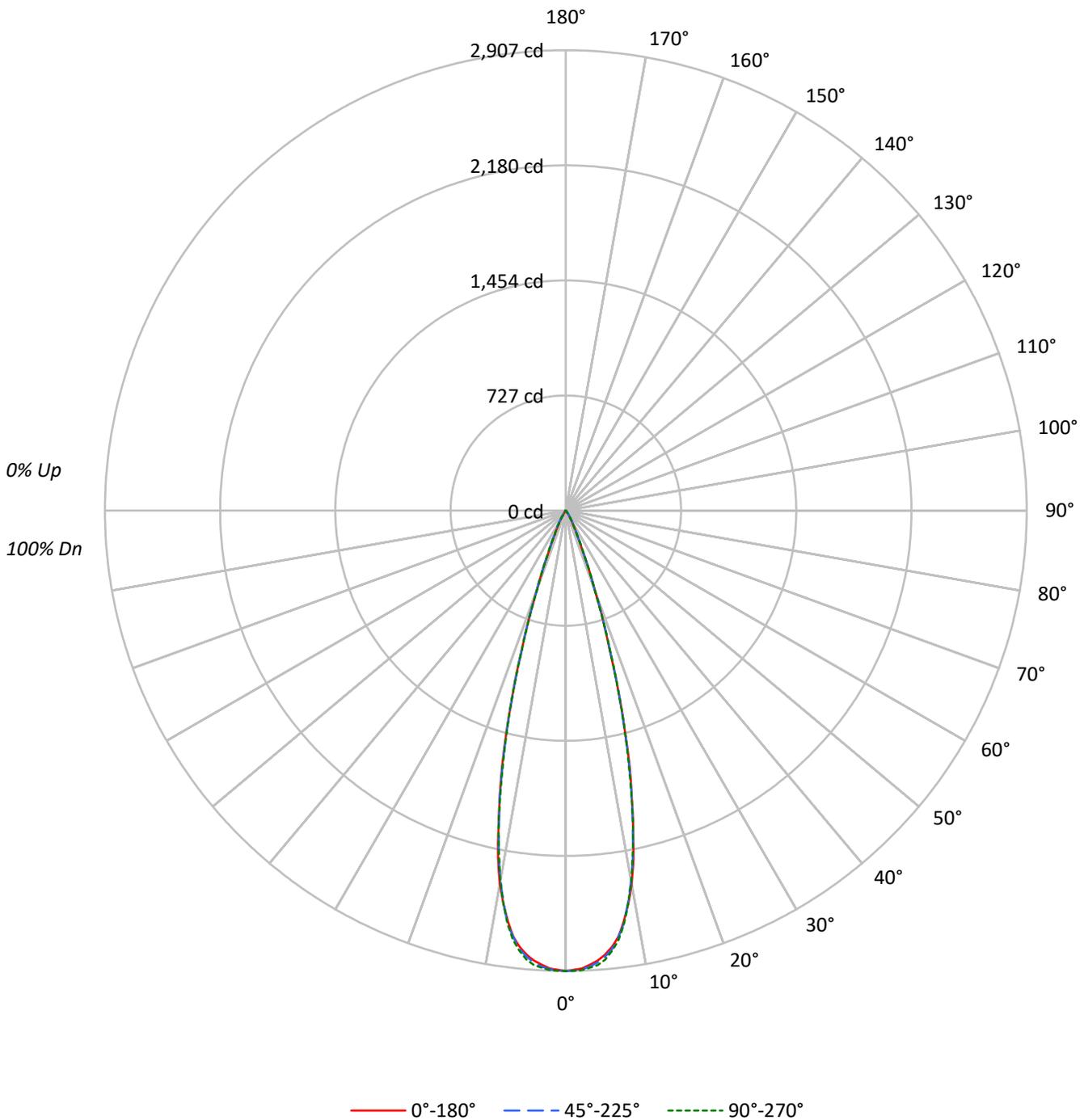
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 756.1 lumens
Efficiency: N/A
Efficacy: 84.0 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	109	113	111	109	108	107	106	104	103	102	101	100	99	98	98	98	98	97
2	111	108	105	102	109	106	104	101	103	101	99	100	99	97	98	96	95	95	95	95	94
3	108	103	100	97	106	102	99	96	100	97	95	97	95	93	95	93	92	93	93	92	91
4	105	99	96	93	103	98	95	92	96	93	91	95	92	90	93	91	89	93	91	89	88
5	102	96	92	89	100	95	91	89	93	90	88	92	89	87	91	88	86	91	88	86	85
6	99	93	89	86	98	92	88	85	91	87	85	90	87	84	88	86	84	88	86	84	83
7	96	90	86	83	95	89	85	83	88	85	82	87	84	82	86	84	82	86	84	82	81
8	94	87	83	80	93	87	83	80	86	82	80	85	82	80	84	81	79	84	81	79	78
9	91	85	81	78	90	84	80	78	83	80	78	83	80	77	82	79	77	82	79	77	76
10	89	82	78	76	88	82	78	76	81	78	76	81	78	75	80	77	75	80	77	75	74

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	500617	500617	500617
5°	486901	489027	492052
10°	418696	415111	415531
15°	257266	255180	255394
20°	97906	98126	96311
25°	31145	32799	31259
30°	12529	15551	12867
35°	4037	6875	4037
40°	1844	3013	1844
45°	706	1267	706
50°	322	616	322
55°	360	360	360
60°	413	413	413
65°	245	245	245
70°	302	302	302
75°	399	399	399
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1267 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	256.4	33.9
10°-20°	380.4	50.3
20°-30°	94.5	12.5
30°-40°	18.9	2.5
40°-50°	3.4	0.5
50°-60°	1.1	0.1
60°-70°	0.8	0.1
70°-80°	0.6	0.1
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°	731.3	96.7
0°-40°	750.2	99.2
0°-60°	754.7	99.8
0°-90°	756.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	756.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2907	2907	2907	2907	2907	
5°	2816	2826	2829	2833	2846	256
15°	1443	1446	1431	1436	1432	382
25°	164	167	173	170	164	92
35°	19	25	33	24	19	16
45°	3	4	5	4	3	3
55°	1	1	1	1	1	1
65°	1	1	1	1	1	1
75°	1	1	1	1	1	1
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°	2906.8	2906.8	2906.8	2906.8	2906.8
1°	2900.4	2903.9	2906.2	2906.2	2906.2
2°	2892.2	2894.6	2898.1	2898.6	2903.3
3°	2873.0	2878.2	2884.1	2887.6	2889.9
4°	2849.7	2856.7	2860.2	2868.9	2876.5
5°	2816.4	2825.7	2828.7	2832.7	2846.2
6°	2771.5	2778.5	2784.3	2786.1	2794.2
7°	2712.0	2715.5	2714.3	2717.3	2731.8
8°	2621.6	2622.8	2632.7	2626.3	2636.2
9°	2514.3	2509.6	2507.3	2512.0	2512.5
10°	2394.2	2378.4	2373.7	2369.7	2376.1
11°	2238.4	2218.0	2219.8	2218.6	2209.3
12°	2044.8	2042.5	2027.3	2030.2	2044.2
13°	1847.1	1851.2	1848.3	1851.7	1836.0
14°	1661.6	1641.8	1647.0	1627.2	1634.8
15°	1442.9	1445.8	1431.2	1435.9	1432.4
17.5°	923.8	930.2	925.6	921.5	927.9
20°	534.2	533.7	535.4	530.2	525.5
22.5°	281.1	285.2	290.4	291.0	294.5
25°	163.9	167.4	172.6	170.3	164.5
27.5°	100.3	106.7	114.9	109.1	102.1
30°	63.0	68.2	78.2	68.8	64.7
32.5°	35.6	43.2	51.3	43.2	35.6
35°	19.2	25.1	32.7	24.5	19.2
37.5°	12.8	14.6	21.6	14.6	12.8
40°	8.2	9.9	13.4	9.9	8.2
42.5°	4.7	6.4	7.6	6.4	4.7
45°	2.9	3.5	5.2	4.1	2.9
47.5°	1.2	1.7	3.5	1.7	1.7
50°	1.2	1.2	2.3	1.2	1.2
52.5°	1.2	1.2	1.2	1.2	1.2
55°	1.2	1.2	1.2	1.2	1.2
57.5°	1.2	1.2	1.2	1.2	1.2
60°	1.2	1.2	1.2	1.2	1.2
62.5°	1.2	1.2	1.2	1.2	1.2
65°	0.6	0.6	0.6	0.6	0.6
67.5°	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6
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)