

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: P1326423

Luminaire Tested: LDSQA3D09R30W2N902765DE010 3LSQPHR1MMS_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326423
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-4)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R30W2N902765DE010 3LSQPHR1MMS_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,
3LSQPHR1MMS TRIM
Light Source: -
Ballast/Driver: -

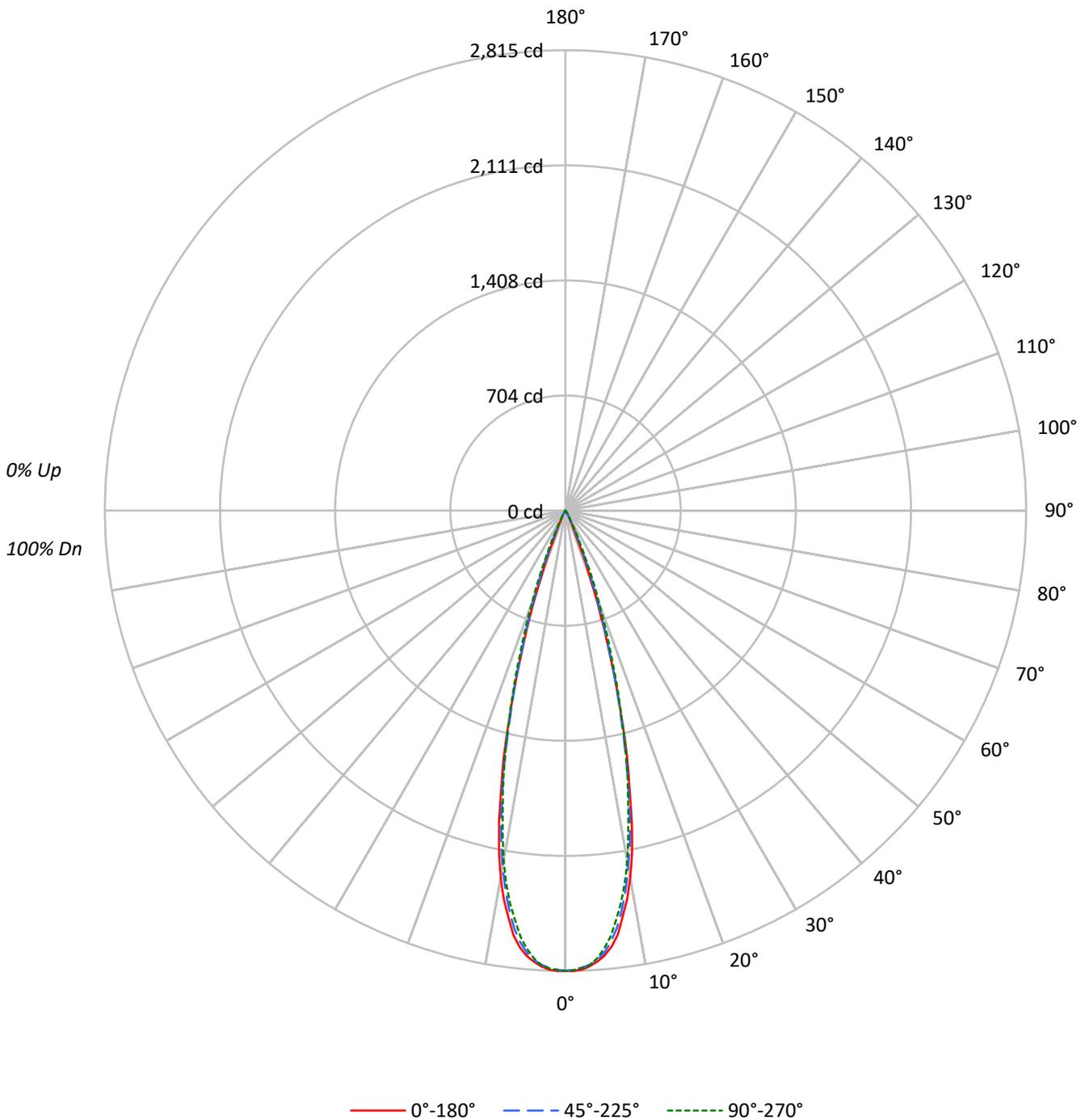
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 682.0 lumens
Efficiency: N/A
Efficacy: 75.8 lumens/watt
Spacing Criteria (0/90/45): 0.5 / 0.49 / 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									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	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	99	99	97	97	97	97	97	97	97	97	97	97	100															
1	115	113	111	110	113	111	109	108	107	106	105	103	103	102	100	99	99	97	97	97	97	97	97	97	97	97	97	97	97	97	97															
2	112	108	105	103	110	107	104	102	104	101	100	101	99	98	98	97	96	94	94	93	92	92	92	92	92	92	92	92	92	92	92															
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92	92	92	92	92	92	92	92	92	92	92	92															
4	105	100	97	94	104	99	96	93	97	94	92	95	93	91	94	92	90	89	89	88	87	87	87	87	87	87	87	87	87	87	87															
5	102	97	93	90	101	96	93	90	95	91	89	93	90	88	92	89	88	87	87	87	87	87	87	87	87	87	87	87	87	87	87															
6	100	94	90	87	99	93	90	87	92	89	86	91	88	86	90	87	85	84	84	84	84	84	84	84	84	84	84	84	84	84	84															
7	97	91	87	84	96	91	87	84	90	86	84	88	86	83	88	85	83	82	82	82	82	82	82	82	82	82	82	82	82	82	82															
8	95	89	85	82	94	88	84	82	87	84	82	86	83	81	86	83	81	80	80	80	80	80	80	80	80	80	80	80	80	80	80															
9	92	86	82	80	92	86	82	80	85	82	79	84	81	79	84	81	79	78	78	78	78	78	78	78	78	78	78	78	78	78	78															
10	90	84	80	78	90	84	80	78	83	80	77	82	79	77	82	79	77	76	76	76	76	76	76	76	76	76	76	76	76	76	76															

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	484738	484738	484738
5°	472258	469008	465152
10°	398550	386309	380048
15°	240185	233463	237760
20°	81466	94075	108517
25°	14974	23468	27706
30°	5151	5727	6423
35°	1493	1850	1976
40°	405	652	540
45°	146	146	146
50°	161	0	161
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: 0°

Vertical Angle: 52.5°

Luminance: 170 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	243.4	35.7
10°-20°	355.7	52.2
20°-30°	75.3	11.0
30°-40°	6.9	1.0
40°-50°	0.7	0.1
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°	674.4	98.9
0°-40°	681.3	99.9
0°-60°	682.0	100.0
0°-90°	682.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	682.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2815	2815	2815	2815	2815	
5°	2732	2726	2713	2705	2691	247
15°	1347	1342	1309	1340	1334	355
25°	79	88	124	145	146	57
35°	7	9	9	11	9	6
45°	1	1	1	1	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°	2814.6	2814.6	2814.6	2814.6	2814.6
1°	2815.2	2812.3	2808.2	2814.1	2809.9
2°	2809.3	2802.3	2796.4	2802.3	2800.5
3°	2791.7	2785.8	2781.7	2784.7	2784.7
4°	2765.3	2758.8	2755.3	2755.8	2747.0
5°	2731.7	2726.4	2712.9	2704.7	2690.6
6°	2682.3	2669.4	2652.9	2639.4	2621.2
7°	2615.3	2595.3	2571.8	2548.3	2525.4
8°	2507.7	2498.3	2466.6	2450.7	2427.8
9°	2406.6	2383.7	2349.6	2323.7	2311.3
10°	2279.0	2244.9	2209.0	2188.4	2173.2
11°	2127.9	2093.2	2064.4	2034.4	2010.9
12°	1950.3	1920.9	1888.0	1868.0	1840.4
13°	1739.8	1735.7	1698.7	1692.2	1688.7
14°	1559.3	1542.8	1506.4	1516.4	1518.7
15°	1347.1	1342.3	1309.4	1340.0	1333.5
17.5°	843.7	845.5	866.1	914.3	929.6
20°	444.5	458.0	513.3	571.5	592.1
22.5°	179.9	209.9	266.4	305.7	332.2
25°	78.8	88.2	123.5	145.2	145.8
27.5°	44.7	45.3	59.4	61.7	62.9
30°	25.9	26.5	28.8	30.6	32.3
32.5°	14.1	15.3	15.9	18.2	18.2
35°	7.1	8.8	8.8	10.6	9.4
37.5°	4.1	4.7	5.3	5.3	4.7
40°	1.8	2.4	2.9	2.9	2.4
42.5°	0.6	1.2	1.2	1.2	1.8
45°	0.6	0.6	0.6	0.6	0.6
47.5°	0.6	0.6	0.0	0.6	0.6
50°	0.6	0.0	0.0	0.0	0.6
52.5°	0.6	0.0	0.0	0.0	0.6
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)