

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: P1326215

Luminaire Tested: LDSQA3D09R25W2N902765DE010 3LSQCDR1MMS_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326215
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R25W2N902765DE010 3LSQCDR1MMS_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

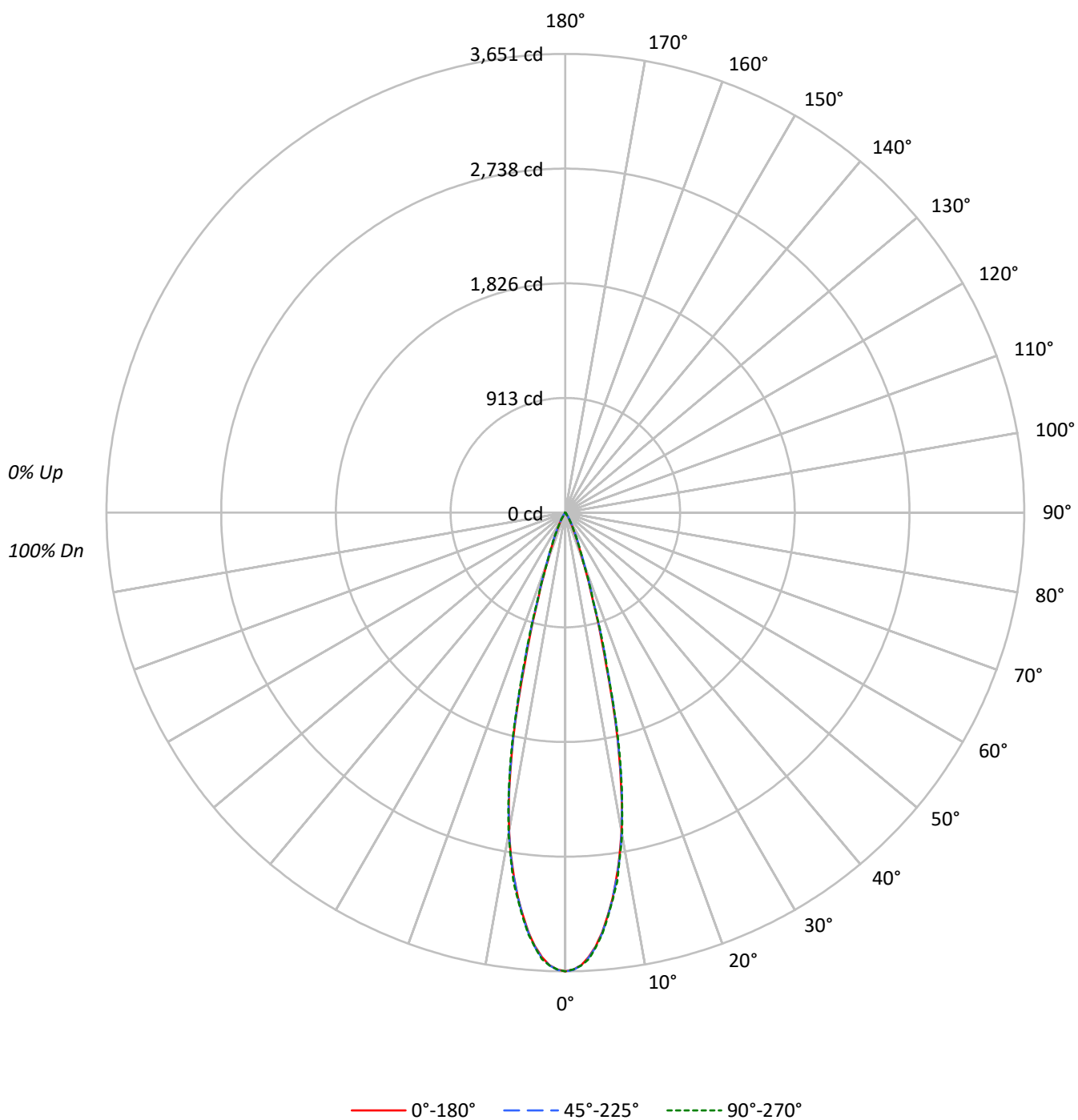
Lumens per Lamp: N/A
Luminaire Lumens: 760.0 lumens
Efficiency: N/A
Efficacy: 84.4 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	97	97	97
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	94	94
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	89	89
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	87	87
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	84	84	84
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	82	82	82
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	80	80	80
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	78	78	78
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	77	77	77

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	628819	628819	628819
5°	579807	581121	582331
10°	450175	451819	454267
15°	222480	231823	231930
20°	74905	79926	76408
25°	31031	34452	31905
30°	12171	15313	12290
35°	3196	6244	3301
40°	1169	2496	1169
45°	146	706	146
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: 706 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	295.9	38.9
10°-20°	357.9	47.1
20°-30°	87.4	11.5
30°-40°	17.0	2.2
40°-50°	1.9	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°	741.1	97.5
0°-40°	758.1	99.7
0°-60°	760.0	100.0
0°-90°	760.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	760.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3651	3651	3651	3651	3651	
5°	3354	3358	3361	3376	3368	295
15°	1248	1278	1300	1313	1301	351
25°	163	172	181	174	168	83
35°	15	22	30	22	16	13
45°	1	2	3	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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3651.2	3651.2	3651.2	3651.2	3651.2
1°	3637.2	3639.5	3640.1	3643.6	3636.6
2°	3603.9	3604.5	3606.3	3613.3	3606.9
3°	3542.7	3546.8	3547.4	3556.7	3558.5
4°	3459.3	3461.7	3466.3	3482.1	3468.1
5°	3353.8	3358.5	3361.4	3376.0	3368.4
6°	3223.2	3224.4	3230.8	3247.7	3237.2
7°	3090.3	3089.7	3090.3	3103.7	3100.7
8°	2929.9	2927.0	2936.3	2952.6	2963.7
9°	2762.6	2766.7	2772.5	2788.2	2775.4
10°	2574.2	2585.3	2583.6	2584.7	2597.6
11°	2357.3	2360.8	2361.4	2373.7	2371.9
12°	2102.5	2102.5	2121.8	2141.6	2135.2
13°	1845.4	1863.5	1850.7	1854.7	1880.4
14°	1545.7	1559.7	1577.2	1593.5	1580.7
15°	1247.8	1277.5	1300.2	1313.1	1300.8
17.5°	714.8	724.8	744.0	746.3	738.7
20°	408.7	421.0	436.1	431.5	416.9
22.5°	257.1	260.6	275.8	268.2	264.7
25°	163.3	172.0	181.3	173.8	167.9
27.5°	101.5	107.3	117.2	109.0	102.6
30°	61.2	66.5	77.0	65.9	61.8
32.5°	32.1	39.6	48.4	40.2	32.1
35°	15.2	21.6	29.7	21.6	15.7
37.5°	9.3	11.7	18.1	11.7	9.3
40°	5.2	7.6	11.1	7.6	5.2
42.5°	2.3	4.1	5.2	4.1	2.9
45°	0.6	1.7	2.9	1.7	0.6
47.5°	0.0	0.0	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)