

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: P1326136

Luminaire Tested: LDSQA3D09R25W2N902750DE010 3LSQPHR1MB_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326136
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R25W2N902750DE010 3LSQPHR1MB_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
3LSQPHR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

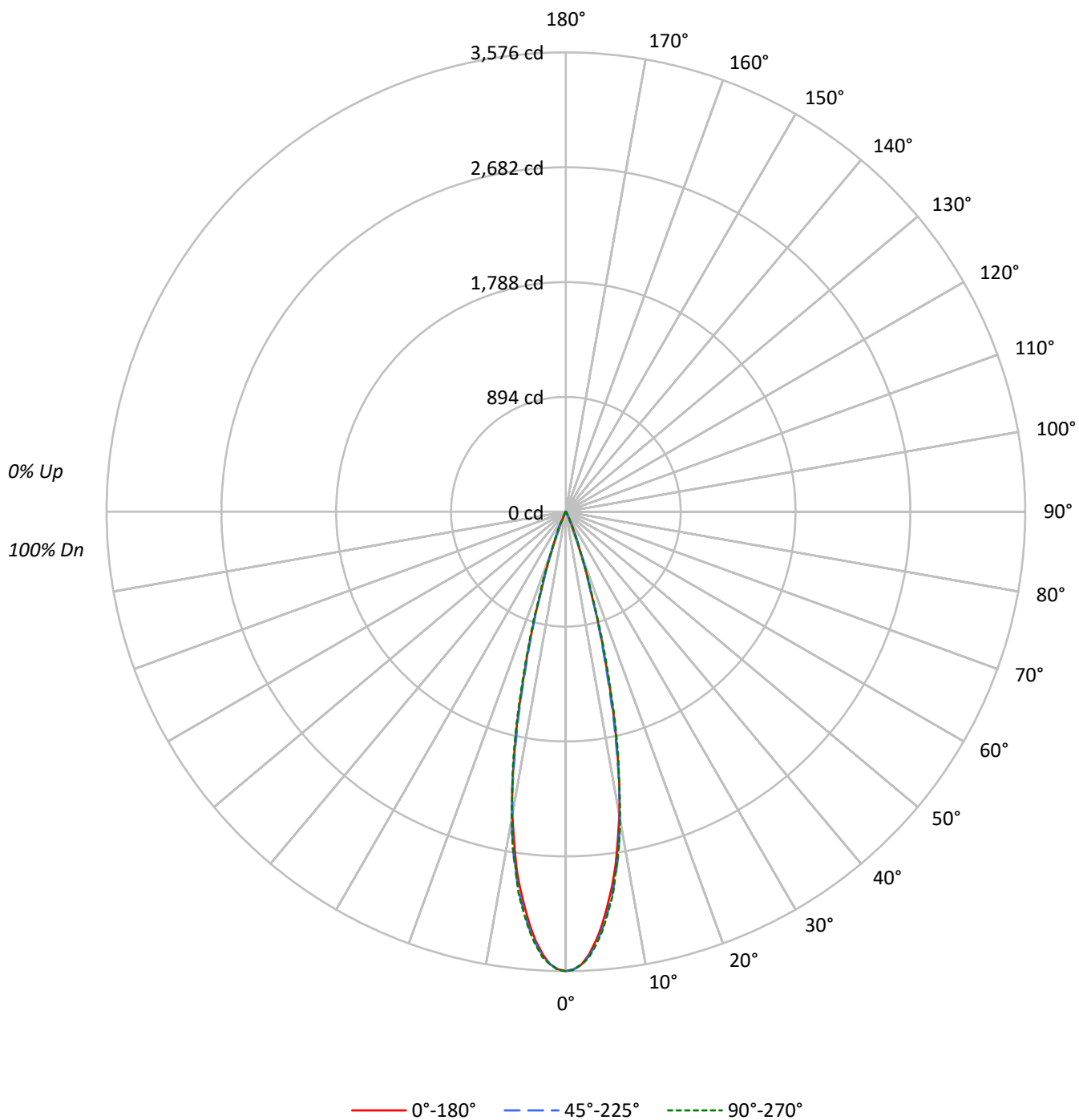
Lumens per Lamp: N/A
Luminaire Lumens: 660.0 lumens
Efficiency: N/A
Efficacy: 73.3 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1326136

CATALOG NUMBER: LDSQA3D09R25W2N902750DE010 3LSQPHR1MB_5000K

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	100	100
1	115	113	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97	97	97
2	112	109	106	104	110	107	105	103	104	102	101	101	100	98	99	97	96	95	95	95
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	93	93	93
4	106	101	98	95	105	100	97	95	99	96	94	97	94	93	95	93	92	91	91	91
5	104	98	95	92	102	98	94	92	96	93	91	95	92	90	93	91	89	88	88	88
6	101	96	92	89	100	95	92	89	94	91	89	93	90	88	91	89	87	86	86	86
7	99	93	89	87	98	93	89	87	92	89	86	91	88	86	90	87	86	85	85	85
8	97	91	87	85	96	90	87	85	90	86	84	89	86	84	88	85	84	83	83	83
9	95	89	85	83	94	88	85	83	88	85	82	87	84	82	86	84	82	81	81	81
10	93	87	83	81	92	86	83	81	86	83	81	85	82	80	85	82	80	80	80	80

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	615903	615903	615903
5°	558127	563227	565959
10°	419588	422561	424520
15°	207753	201566	214992
20°	58666	59638	60298
25°	10185	19231	12086
30°	3977	4097	4216
35°	1240	1367	1367
40°	405	540	405
45°	292	146	292
50°	161	0	161
55°	180	0	180
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: 45°

Luminance: 292 cd/sqm

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CATALOG NUMBER: LDSQA3D09R25W2N902750DE010 3LSQPHR1MB_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	284.1	43.0
10°-20°	320.4	48.5
20°-30°	49.7	7.5
30°-40°	5.0	0.8
40°-50°	0.7	0.1
50°-60°	0.1	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°	654.2	99.1
0°-40°	659.2	99.9
0°-60°	660.0	100.0
0°-90°	660.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	660.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3576	3576	3576	3576	3576	
5°	3228	3234	3258	3271	3274	281
15°	1165	1157	1130	1181	1206	319
25°	54	79	101	77	64	45
35°	6	6	6	7	6	5
45°	1	1	1	1	1	1
55°	1	0	0	0	1	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°	3576.2	3576.2	3576.2	3576.2	3576.2
1°	3561.5	3566.2	3560.9	3566.8	3566.2
2°	3524.4	3529.1	3522.7	3526.2	3526.2
3°	3448.5	3458.5	3464.4	3468.5	3472.1
4°	3348.5	3359.7	3368.5	3379.1	3379.1
5°	3228.4	3234.3	3257.9	3270.8	3273.7
6°	3085.4	3109.0	3126.6	3152.5	3136.6
7°	2942.4	2961.8	2986.6	2990.7	3001.9
8°	2780.0	2800.6	2823.6	2819.4	2810.0
9°	2582.3	2612.3	2639.4	2630.5	2642.3
10°	2399.3	2417.5	2416.3	2407.5	2427.5
11°	2186.8	2190.9	2168.0	2203.9	2182.1
12°	1934.9	1938.5	1909.0	1944.4	1966.7
13°	1693.7	1685.4	1644.8	1691.3	1719.6
14°	1415.9	1418.8	1367.1	1457.1	1450.0
15°	1165.2	1157.0	1130.5	1181.1	1205.8
17.5°	620.9	626.1	619.7	645.0	660.9
20°	320.1	329.0	325.4	336.0	329.0
22.5°	166.0	178.3	181.8	173.6	151.2
25°	53.6	79.4	101.2	77.1	63.6
27.5°	32.4	31.8	49.4	34.1	34.7
30°	20.0	19.4	20.6	20.6	21.2
32.5°	11.2	11.8	11.2	12.4	11.8
35°	5.9	6.5	6.5	7.1	6.5
37.5°	3.5	4.1	4.1	4.1	3.5
40°	1.8	2.4	2.4	1.8	1.8
42.5°	1.2	1.2	1.2	1.2	1.2
45°	1.2	0.6	0.6	0.6	1.2
47.5°	0.6	0.6	0.0	0.6	0.6
50°	0.6	0.6	0.0	0.6	0.6
52.5°	0.6	0.0	0.0	0.0	0.6
55°	0.6	0.0	0.0	0.0	0.6
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



TEST NUMBER: P1326136

CATALOG NUMBER: LDSQA3D09R25W2N902750DE010 3LSQPHR1MB_5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)