

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: P1326128

Luminaire Tested: LDSQA3D09R25W2N902750DE010 3LSQCDR1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326128
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R25W2N902750DE010 3LSQCDR1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

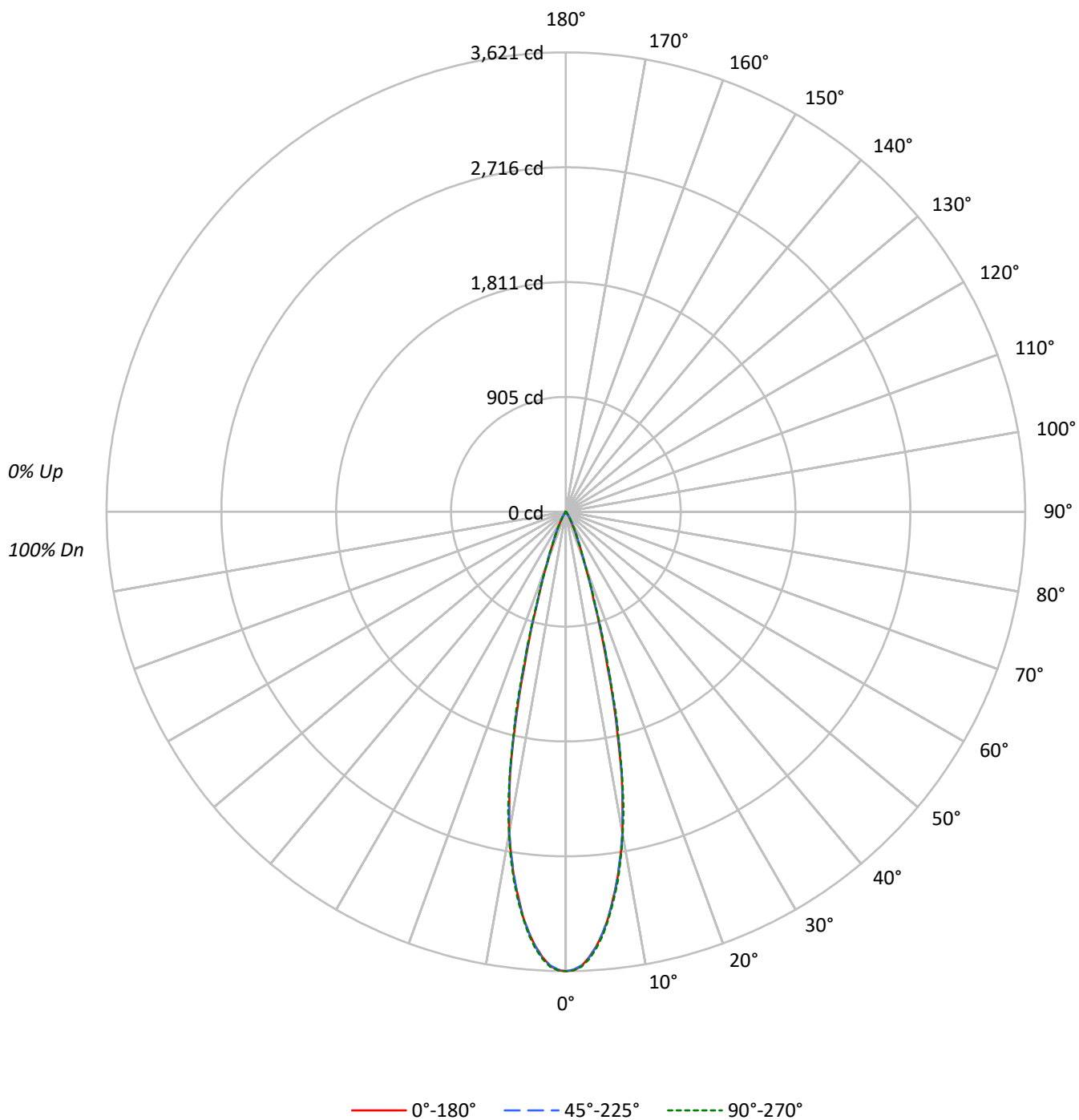
Lumens per Lamp: N/A
Luminaire Lumens: 765.1 lumens
Efficiency: N/A
Efficacy: 85.0 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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			0
RW	70	50	30	10	70	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
1	115	113	111	110	113	111	109	108	107	106	105		103	102	102		100	99	99	97
2	112	108	105	103	110	106	104	102	103	101	100		101	99	97		98	97	95	94
3	108	104	100	98	107	103	99	97	100	98	95		98	96	94		96	94	93	91
4	105	100	96	93	104	99	96	93	97	94	92		95	93	91		94	92	90	89
5	102	97	93	90	101	96	92	90	94	91	89		93	90	88		91	89	87	86
6	100	94	90	87	98	93	89	87	92	88	86		90	88	86		89	87	85	84
7	97	91	87	84	96	90	87	84	89	86	84		88	85	83		87	85	83	82
8	95	88	84	82	94	88	84	82	87	84	81		86	83	81		85	83	81	80
9	92	86	82	80	91	86	82	79	85	82	79		84	81	79		83	81	79	78
10	90	84	80	78	89	83	80	77	83	80	77		82	79	77		82	79	77	76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	623653	623653	623653
5°	576055	575848	579081
10°	449982	448758	451819
15°	226367	235835	235621
20°	77452	79597	78314
25°	31126	35003	32457
30°	12628	15074	12290
35°	3679	6623	3679
40°	1709	2878	1709
45°	560	1145	560
50°	322	455	322
55°	360	360	360
60°	413	413	413
65°	245	245	245
70°	302	302	302
75°	399	399	399
80°	0	595	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 1145 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	293.8	38.4
10°-20°	359.6	47.0
20°-30°	87.8	11.5
30°-40°	18.2	2.4
40°-50°	3.2	0.4
50°-60°	1.1	0.1
60°-70°	0.9	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°	741.2	96.9
0°-40°	759.4	99.3
0°-60°	763.6	99.8
0°-90°	765.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	765.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3621	3621	3621	3621	3621	
5°	3332	3335	3331	3338	3350	294
15°	1270	1291	1323	1328	1322	354
25°	164	171	184	174	171	84
35°	18	24	32	24	18	15
45°	2	4	5	4	2	2
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3621.2	3621.2	3621.2	3621.2	3621.2
1°	3614.2	3609.6	3608.4	3609.0	3614.8
2°	3581.6	3578.7	3578.1	3579.8	3588.0
3°	3515.1	3518.6	3519.8	3525.6	3529.7
4°	3433.5	3440.5	3437.6	3444.6	3449.2
5°	3332.1	3335.0	3330.9	3337.9	3349.6
6°	3213.7	3203.2	3213.2	3216.1	3224.2
7°	3066.3	3068.6	3072.1	3075.6	3087.8
8°	2921.1	2914.1	2912.4	2928.7	2938.6
9°	2751.5	2752.6	2746.2	2764.9	2767.8
10°	2573.1	2558.5	2566.1	2580.7	2583.6
11°	2337.6	2333.5	2344.6	2367.3	2385.4
12°	2116.6	2119.0	2130.6	2138.2	2134.1
13°	1824.6	1842.1	1856.7	1864.2	1854.3
14°	1560.5	1560.5	1579.2	1582.1	1617.7
15°	1269.6	1291.2	1322.7	1328.5	1321.5
17.5°	733.3	736.3	751.4	750.8	761.9
20°	422.6	426.7	434.3	432.5	427.3
22.5°	254.2	262.9	281.0	266.4	262.3
25°	163.8	171.4	184.2	173.7	170.8
27.5°	102.6	107.8	117.8	108.4	103.8
30°	63.5	66.5	75.8	67.0	61.8
32.5°	34.4	42.0	49.5	42.0	34.4
35°	17.5	24.5	31.5	23.9	17.5
37.5°	11.7	14.0	20.4	13.4	11.7
40°	7.6	9.3	12.8	9.3	7.6
42.5°	4.1	5.8	7.0	6.4	4.1
45°	2.3	3.5	4.7	3.5	2.3
47.5°	1.7	1.7	2.9	1.7	1.2
50°	1.2	1.2	1.7	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	1.2	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	0.6	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)