

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: P1326225

Luminaire Tested: LDSQA3D09R25W2N902765DE010 3LSQCDR1MW_6500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326225
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: LDSQA3D09R25W2N902765DE010 3LSQCDR1MW_6500K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 6500K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

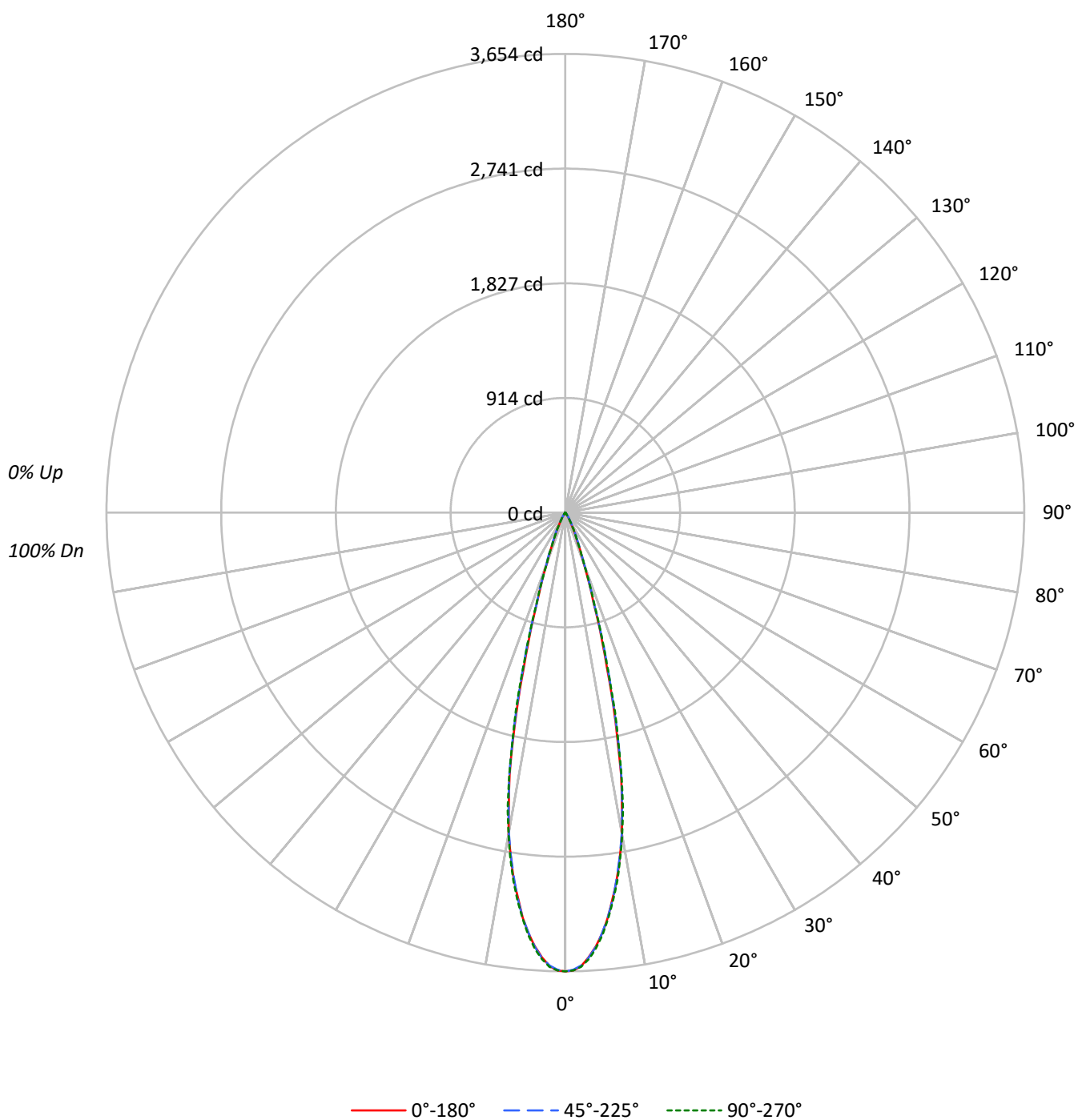
Lumens per Lamp: N/A
Luminaire Lumens: 772.1 lumens
Efficiency: N/A
Efficacy: 85.8 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	115	113	111	110	113	111	109	108	107	106	105		103	102	102		100
2	112	108	105	103	110	107	104	102	103	101	100		101	99	97		98
3	108	104	100	98	107	103	99	97	100	98	95		98	96	94		96
4	105	100	96	93	104	99	96	93	97	94	92		95	93	91		94
5	102	97	93	90	101	96	92	90	94	91	89		93	90	88		91
6	100	94	90	87	98	93	89	87	92	88	86		90	88	86		89
7	97	91	87	84	96	90	87	84	89	86	84		88	85	83		87
8	95	88	84	82	94	88	84	82	87	84	81		86	83	81		85
9	92	86	82	80	91	86	82	79	85	82	79		84	81	79		83
10	90	84	80	78	89	83	80	77	83	80	77		82	79	77		82

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	629353	629353	629353
5°	581328	581121	584371
10°	454092	452868	455946
15°	228453	237992	237778
20°	78167	80330	79028
25°	31411	35326	32761
30°	12747	15213	12409
35°	3700	6686	3700
40°	1709	2900	1709
45°	585	1145	585
50°	322	482	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°	296.5	38.4
10°-20°	362.9	47.0
20°-30°	88.6	11.5
30°-40°	18.3	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°	748.0	96.9
0°-40°	766.3	99.3
0°-60°	770.6	99.8
0°-90°	772.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	772.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3654	3654	3654	3654	3654	
5°	3363	3366	3361	3368	3380	296
15°	1281	1303	1335	1341	1334	358
25°	165	173	186	175	172	85
35°	18	25	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°	3654.3	3654.3	3654.3	3654.3	3654.3
1°	3647.3	3642.6	3641.4	3642.0	3647.9
2°	3614.3	3611.4	3610.8	3612.6	3620.8
3°	3547.3	3550.8	3552.0	3557.9	3562.0
4°	3464.9	3472.0	3469.0	3476.1	3480.8
5°	3362.6	3365.5	3361.4	3368.4	3380.2
6°	3243.1	3232.6	3242.6	3245.5	3253.7
7°	3094.3	3096.7	3100.2	3103.7	3116.1
8°	2947.8	2940.8	2939.0	2955.5	2965.5
9°	2776.6	2777.8	2771.3	2790.2	2793.1
10°	2596.6	2581.9	2589.6	2604.3	2607.2
11°	2359.0	2354.9	2366.0	2389.0	2407.2
12°	2136.0	2138.4	2150.1	2157.8	2153.7
13°	1841.3	1858.9	1873.6	1881.3	1871.3
14°	1574.8	1574.8	1593.6	1596.6	1632.5
15°	1281.3	1303.0	1334.8	1340.7	1333.6
17.5°	740.0	743.0	758.3	757.7	768.9
20°	426.5	430.6	438.3	436.5	431.2
22.5°	256.5	265.3	283.5	268.8	264.7
25°	165.3	173.0	185.9	175.3	172.4
27.5°	103.5	108.8	118.8	109.4	104.7
30°	64.1	67.1	76.5	67.7	62.4
32.5°	34.7	42.4	50.0	42.4	34.7
35°	17.6	24.7	31.8	24.1	17.6
37.5°	11.8	14.1	20.6	13.5	11.8
40°	7.6	9.4	12.9	9.4	7.6
42.5°	4.1	5.9	7.1	6.5	4.1
45°	2.4	3.5	4.7	3.5	2.4
47.5°	1.8	1.8	2.9	1.8	1.2
50°	1.2	1.2	1.8	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)