

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: P1326216

Luminaire Tested: LDSQA3D09R25W2N902765DE010 3LSQCDR1MMS_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326216
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_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3500K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

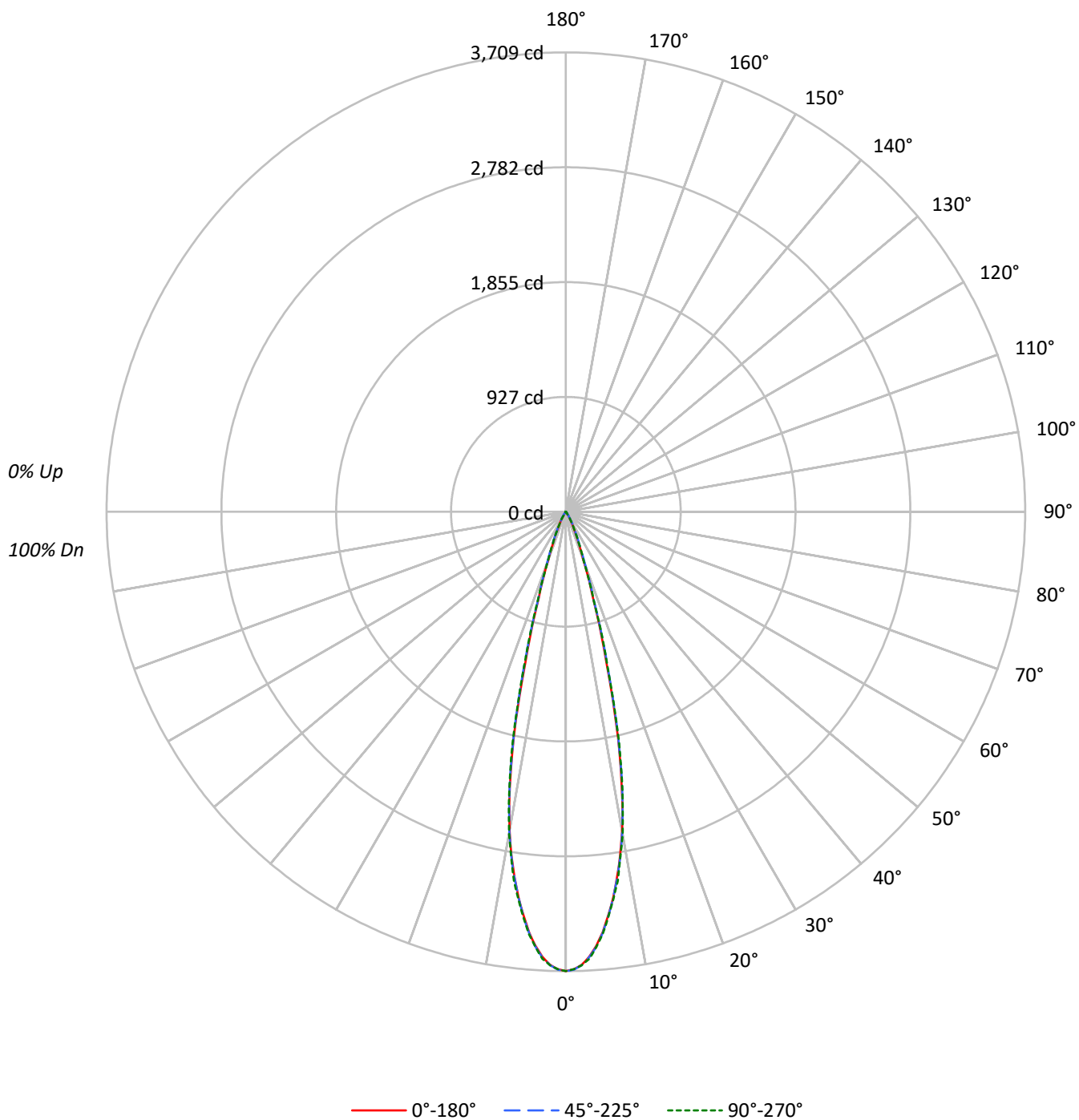
Lumens per Lamp: N/A
Luminaire Lumens: 772.0 lumens
Efficiency: N/A
Efficacy: 85.8 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1326216

CATALOG NUMBER: LDSQA3D09R25W2N902765DE010 3LSQCDR1MMS_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1326216

CATALOG NUMBER: LDSQA3D09R25W2N902765DE010 3LSQCDR1MMS_3500K

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°	638739	638739	638739
5°	588969	590300	591528
10°	457292	458954	461437
15°	225993	235496	235603
20°	76096	81191	77617
25°	31506	35003	32419
30°	12369	15551	12489
35°	3238	6349	3364
40°	1192	2540	1192
45°	146	731	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: 731 cd/sqm

TEST NUMBER: P1326216

CATALOG NUMBER: LDSQA3D09R25W2N902765DE010 3LSQCDR1MMS_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	300.5	38.9
10°-20°	363.5	47.1
20°-30°	88.7	11.5
30°-40°	17.3	2.2
40°-50°	2.0	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°	752.8	97.5
0°-40°	770.0	99.7
0°-60°	772.0	100.0
0°-90°	772.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	772.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3709	3709	3709	3709	3709	
5°	3407	3412	3414	3429	3422	300
15°	1268	1298	1321	1334	1321	357
25°	166	175	184	176	171	84
35°	15	22	30	22	16	14
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	

TEST NUMBER: P1326216

CATALOG NUMBER: LDSQA3D09R25W2N902765DE010 3LSQCDR1MMS_3500K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3708.8	3708.8	3708.8	3708.8	3708.8
1°	3694.6	3697.0	3697.6	3701.1	3694.0
2°	3660.8	3661.4	3663.2	3670.3	3663.8
3°	3598.7	3602.8	3603.4	3612.9	3614.6
4°	3514.0	3516.3	3521.1	3537.1	3522.8
5°	3406.8	3411.5	3414.5	3429.3	3421.6
6°	3274.1	3275.3	3281.8	3299.0	3288.3
7°	3139.0	3138.5	3139.0	3152.7	3149.7
8°	2976.2	2973.2	2982.7	2999.3	3010.5
9°	2806.2	2810.3	2816.3	2832.2	2819.2
10°	2614.9	2626.1	2624.4	2625.5	2638.6
11°	2394.6	2398.1	2398.7	2411.1	2409.4
12°	2135.7	2135.7	2155.3	2175.4	2168.9
13°	1874.5	1892.9	1879.9	1884.0	1910.1
14°	1570.1	1584.3	1602.1	1618.7	1605.7
15°	1267.5	1297.7	1320.8	1333.8	1321.4
17.5°	726.1	736.2	755.7	758.1	750.4
20°	415.2	427.6	443.0	438.3	423.5
22.5°	261.2	264.7	280.1	272.4	268.9
25°	165.8	174.7	184.2	176.5	170.6
27.5°	103.1	109.0	119.0	110.8	104.2
30°	62.2	67.5	78.2	66.9	62.8
32.5°	32.6	40.3	49.2	40.9	32.6
35°	15.4	21.9	30.2	21.9	16.0
37.5°	9.5	11.8	18.4	11.8	9.5
40°	5.3	7.7	11.3	7.7	5.3
42.5°	2.4	4.1	5.3	4.1	3.0
45°	0.6	1.8	3.0	1.8	0.6
47.5°	0.0	0.0	1.8	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



TEST NUMBER: P1326216

CATALOG NUMBER: LDSQA3D09R25W2N902765DE010 3LSQCDR1MMS_3500K

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)