

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: P1325866

Luminaire Tested: LDSQA3D09R15W2N902765DE010 3LSQCDR1MB_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1325866
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R15W2N902765DE010 3LSQCDR1MB_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI ,
3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

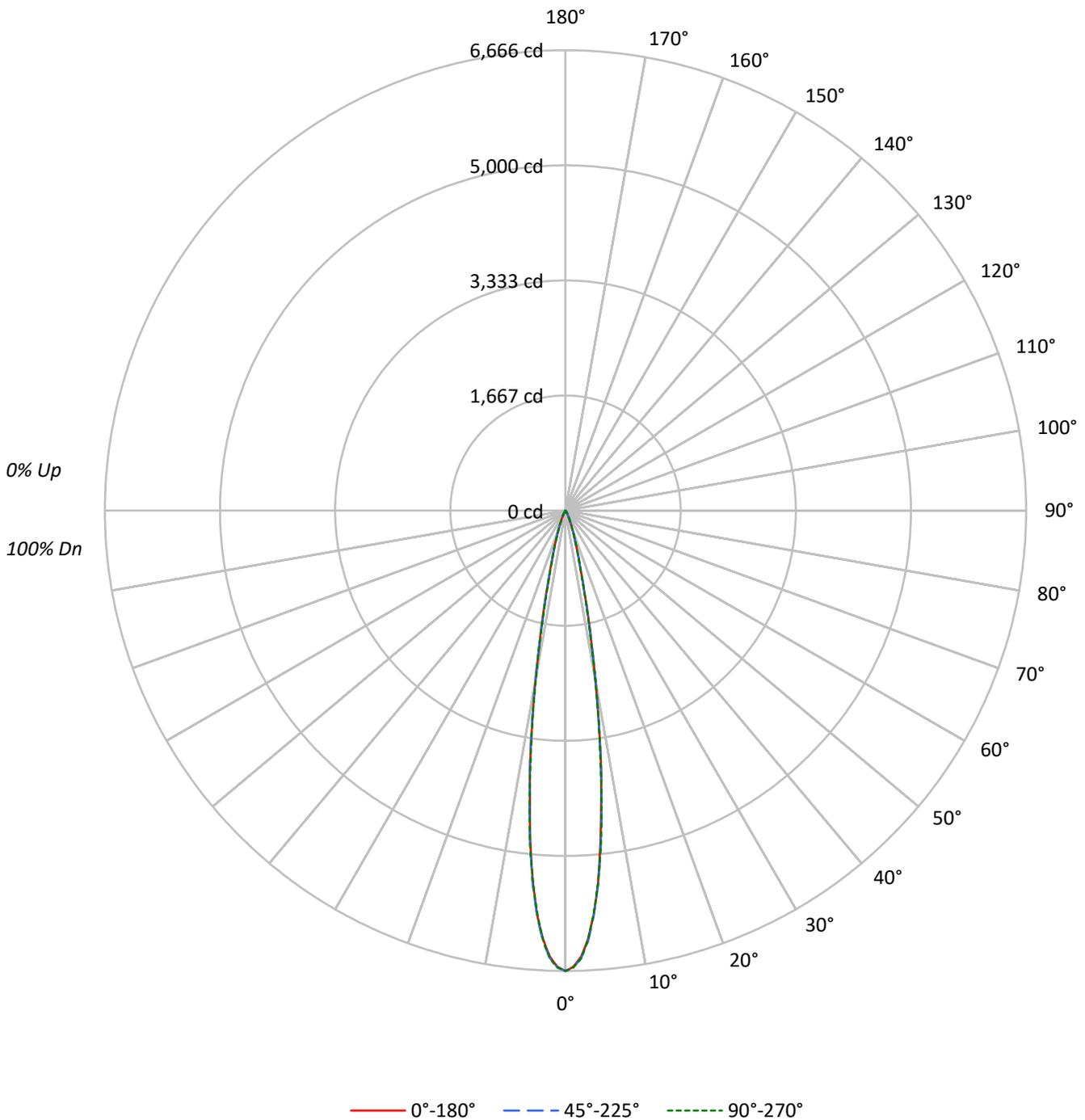
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 744.0 lumens
Efficiency: N/A
Efficacy: 82.7 lumens/watt
Spacing Criteria (0/90/45): 0.29 / 0.29 / 0.29
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: P1325866
CATALOG NUMBER: LDSQA3D09R15W2N902765DE010 3LSQCDR1MB_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1325866

CATALOG NUMBER: LDSQA3D09R15W2N902765DE010 3LSQCDR1MB_5000K

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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	116	114	112	111	113	112	110	109	108	107	106	104	103	102	101	100	100	100	100	100	98
2	113	109	107	105	111	108	106	104	105	103	101	102	101	99	99	98	97	97	98	97	96
3	110	106	103	100	108	105	102	100	102	100	98	100	98	97	98	96	95	98	96	95	94
4	107	103	99	97	106	102	99	96	100	97	95	98	96	94	96	95	93	96	95	93	92
5	105	100	97	94	104	99	96	94	98	95	93	96	94	92	95	93	91	95	93	91	90
6	103	97	94	92	102	97	94	91	96	93	91	94	92	90	93	91	90	93	91	90	89
7	101	95	92	90	100	95	92	89	94	91	89	93	90	88	92	90	88	92	90	88	87
8	99	93	90	88	98	93	90	88	92	89	87	91	89	87	90	88	87	90	88	87	86
9	97	91	88	86	96	91	88	86	90	88	86	90	87	85	89	87	85	89	87	85	84
10	95	90	87	84	95	90	86	84	89	86	84	88	86	84	88	85	84	88	85	84	83

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1148071	1148071	1148071
5°	934748	937790	935958
10°	436044	439944	434383
15°	136933	138074	137236
20°	54250	56412	52527
25°	21910	26509	21131
30°	8770	12051	8313
35°	2607	5319	2481
40°	787	1978	652
45°	146	438	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: 438 cd/sqm



TEST NUMBER: P1325866

CATALOG NUMBER: LDSQA3D09R15W2N902765DE010 3LSQCDR1MB_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	417.4	56.1
10°-20°	249.6	33.6
20°-30°	62.9	8.5
30°-40°	12.9	1.7
40°-50°	1.2	0.2
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°	729.9	98.1
0°-40°	742.8	99.8
0°-60°	744.0	100.0
0°-90°	744.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	744.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	6666	6666	6666	6666	6666	
5°	5407	5397	5424	5411	5414	416
15°	768	774	774	763	770	250
25°	115	126	140	124	111	59
35°	12	16	25	16	12	10
45°	1	1	2	1	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	0



TEST NUMBER: P1325866

CATALOG NUMBER: LDSQA3D09R15W2N902765DE010 3LSQCDR1MB_5000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	6666.2	6666.2	6666.2	6666.2	6666.2
1°	6606.2	6628.6	6616.8	6626.2	6615.6
2°	6463.2	6493.2	6483.8	6480.8	6489.1
3°	6211.3	6246.0	6244.9	6236.0	6221.9
4°	5867.7	5853.5	5875.3	5873.0	5848.8
5°	5406.9	5396.9	5424.5	5411.0	5413.9
6°	4843.1	4886.7	4877.3	4878.4	4889.6
7°	4237.6	4261.1	4281.1	4297.6	4274.7
8°	3681.5	3675.6	3677.4	3696.2	3632.6
9°	3058.9	3095.4	3071.8	3034.2	3058.3
10°	2493.4	2515.7	2515.7	2482.8	2483.9
11°	1987.9	2006.1	1993.2	2001.4	1949.6
12°	1602.4	1557.1	1546.5	1554.7	1554.2
13°	1223.4	1226.4	1223.4	1222.8	1217.0
14°	959.2	974.5	968.0	952.1	945.1
15°	768.0	774.4	774.4	763.2	769.7
17.5°	461.4	469.0	470.8	463.1	463.1
20°	296.0	299.5	307.8	296.6	286.6
22.5°	182.4	190.1	204.2	187.7	179.5
25°	115.3	125.9	139.5	123.6	111.2
27.5°	72.4	81.2	93.0	77.7	70.0
30°	44.1	50.0	60.6	48.8	41.8
32.5°	24.7	29.4	38.3	28.2	23.5
35°	12.4	16.5	25.3	15.9	11.8
37.5°	7.1	8.8	15.9	7.7	6.5
40°	3.5	4.7	8.8	4.7	2.9
42.5°	1.2	2.4	3.5	2.4	1.2
45°	0.6	1.2	1.8	1.2	0.6
47.5°	0.0	0.0	0.6	0.0	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: P1325866
CATALOG NUMBER: LDSQA3D09R15W2N902765DE010 3LSQCDR1MB_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)