

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: P1325782

Luminaire Tested: LDSQA3D09R15W2N902750DE010 3LSQCDR1MMS_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1325782
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: LDSQA3D09R15W2N902750DE010 3LSQCDR1MMS_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

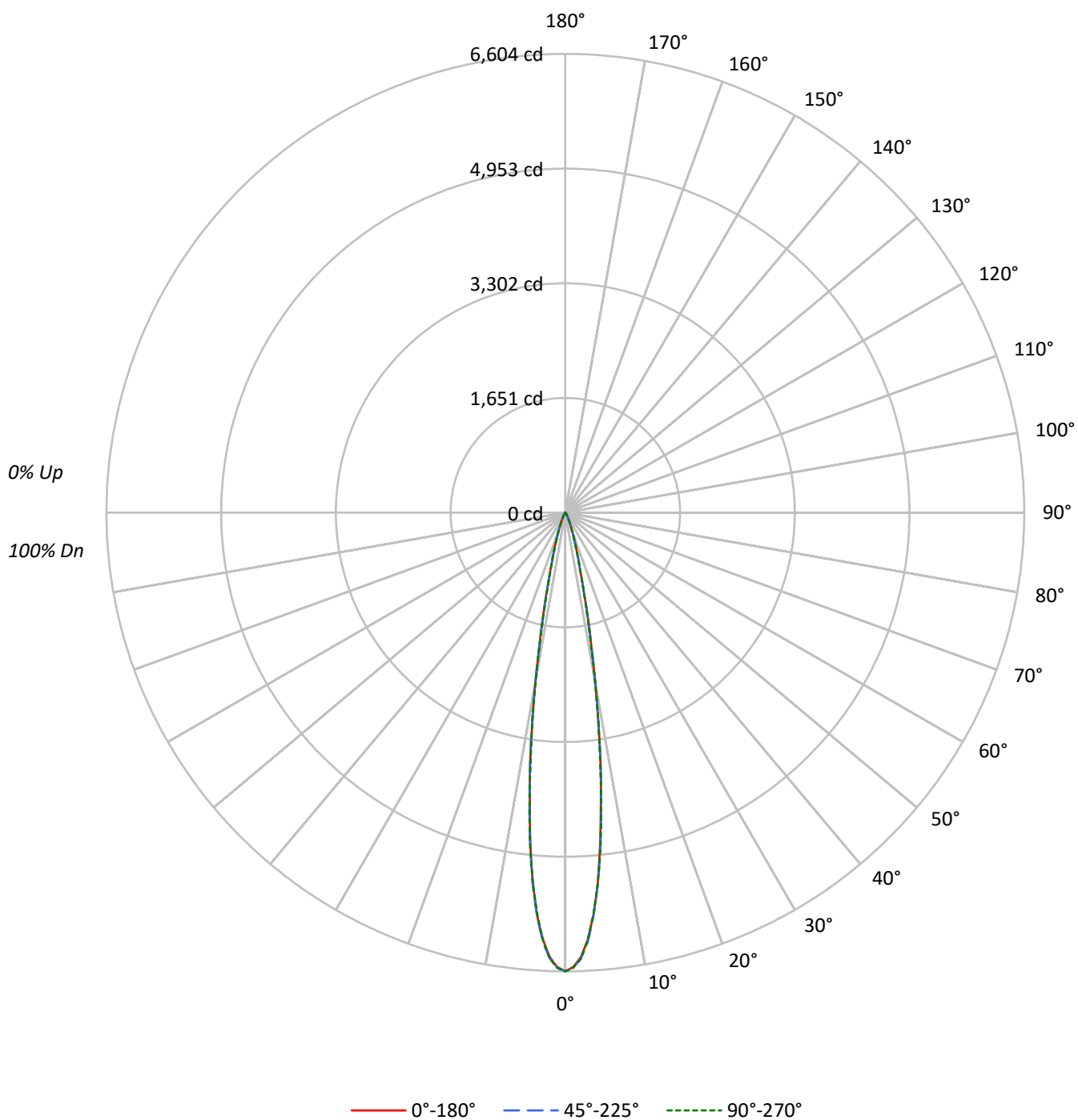
Lumens per Lamp: N/A
Luminaire Lumens: 737.0 lumens
Efficiency: N/A
Efficacy: 81.9 lumens/watt
Spacing Criteria (0/90/45): 0.29 / 0.29 / 0.29
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1137272	1137272	1137272
5°	925948	928973	927158
10°	431935	435800	430308
15°	135631	136772	135952
20°	53736	55881	52032
25°	21720	26262	20941
30°	8690	11932	8233
35°	2565	5277	2460
40°	787	1956	652
45°	146	414	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: 414 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	413.4	56.1
10°-20°	247.3	33.6
20°-30°	62.4	8.5
30°-40°	12.7	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°	723.1	98.1
0°-40°	735.8	99.8
0°-60°	737.0	100.0
0°-90°	737.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	737.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	6604	6604	6604	6604	6604	
5°	5356	5346	5374	5360	5363	412
15°	761	767	767	756	762	247
25°	114	125	138	122	110	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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	6603.5	6603.5	6603.5	6603.5	6603.5
1°	6544.0	6566.2	6554.5	6563.9	6553.4
2°	6402.4	6432.1	6422.8	6419.9	6428.0
3°	6152.9	6187.3	6186.1	6177.4	6163.4
4°	5812.5	5798.5	5820.0	5817.7	5793.8
5°	5356.0	5346.1	5373.5	5360.1	5363.0
6°	4797.6	4840.7	4831.4	4832.5	4843.6
7°	4197.7	4221.0	4240.9	4257.2	4234.4
8°	3646.8	3641.0	3642.8	3661.4	3598.5
9°	3030.1	3066.2	3042.9	3005.6	3029.5
10°	2469.9	2492.0	2492.0	2459.4	2460.6
11°	1969.2	1987.2	1974.4	1982.6	1931.3
12°	1587.3	1542.4	1532.0	1540.1	1539.5
13°	1211.9	1214.8	1211.9	1211.3	1205.5
14°	950.2	965.3	958.9	943.2	936.2
15°	760.7	767.1	767.1	756.1	762.5
17.5°	457.0	464.6	466.3	458.8	458.8
20°	293.2	296.7	304.9	293.8	283.9
22.5°	180.7	188.3	202.3	186.0	177.8
25°	114.3	124.7	138.2	122.4	110.2
27.5°	71.7	80.4	92.1	76.9	69.4
30°	43.7	49.5	60.0	48.4	41.4
32.5°	24.5	29.1	37.9	28.0	23.3
35°	12.2	16.3	25.1	15.7	11.7
37.5°	7.0	8.7	15.7	7.6	6.4
40°	3.5	4.7	8.7	4.7	2.9
42.5°	1.2	2.3	3.5	2.3	1.2
45°	0.6	1.2	1.7	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



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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)