

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: P1325787

Luminaire Tested: LDSQA3D09R15W2N902750DE010 3LSQCDR1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1325787
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R15W2N902750DE010 3LSQCDR1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

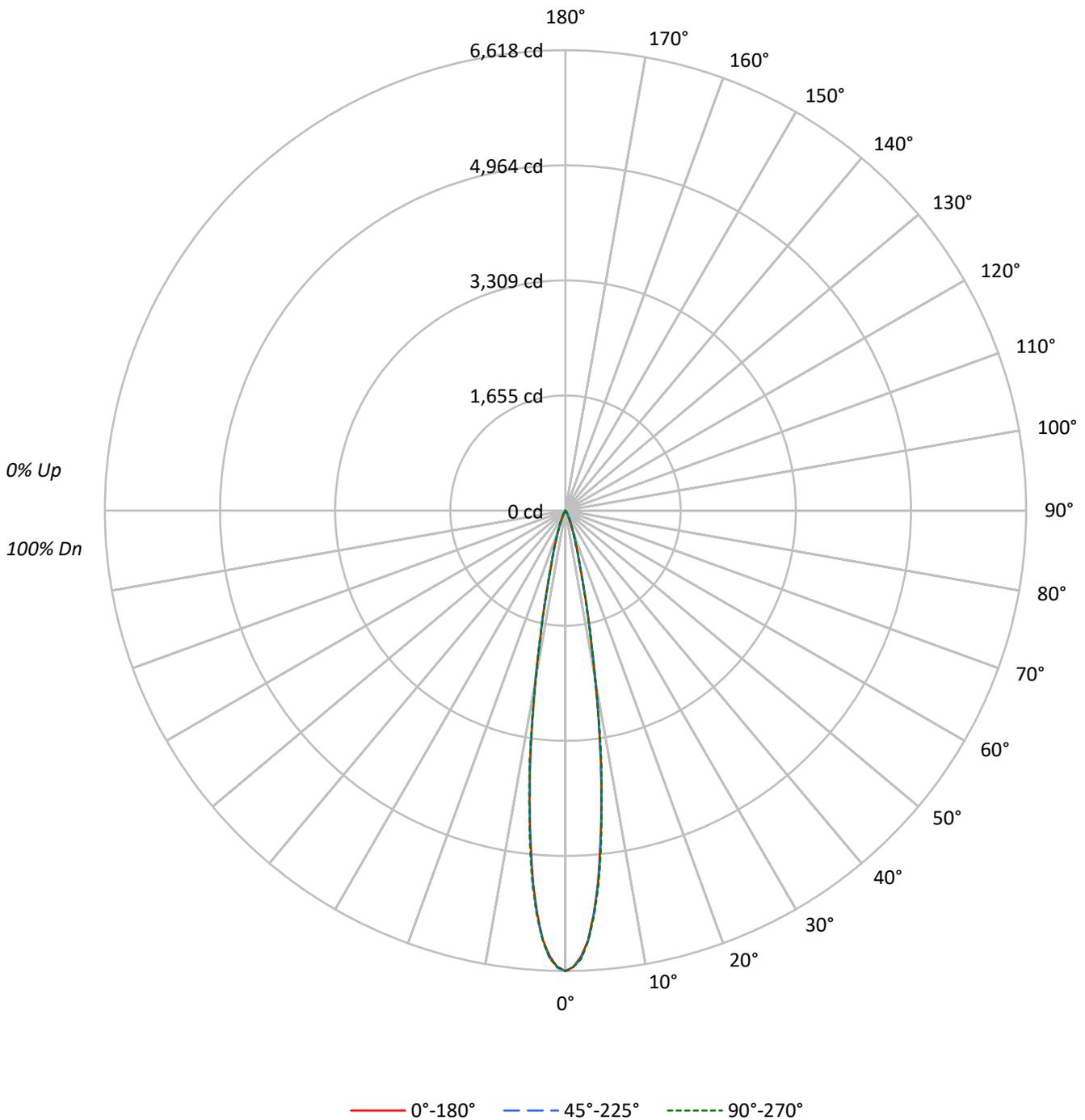
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 743.1 lumens
Efficiency: N/A
Efficacy: 82.6 lumens/watt
Spacing Criteria (0/90/45): 0.29 / 0.3 / 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		0	
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	100	98
1	116	114	112	111	113	112	110	109	108	107	105	104	103	102	101	100	99	99	98	97
2	112	109	107	105	110	108	105	103	105	103	101	102	100	99	99	98	97	96	96	94
3	110	106	103	100	108	104	102	99	102	100	98	100	98	96	98	96	95	94	94	92
4	107	102	99	97	106	101	98	96	100	97	95	98	96	94	96	94	93	92	92	90
5	105	100	96	94	103	99	96	93	97	95	93	96	94	92	95	93	91	90	88	87
6	102	97	94	91	101	97	93	91	95	92	90	94	92	90	93	91	89	88	87	85
7	100	95	92	89	99	94	91	89	93	91	89	92	90	88	92	89	88	87	85	84
8	98	93	90	87	98	93	89	87	92	89	87	91	88	86	90	88	86	85	84	83
9	97	91	88	86	96	91	88	85	90	87	85	89	87	85	89	86	85	84	83	82
10	95	89	86	84	94	89	86	84	89	86	84	88	85	84	87	85	83	82	81	80

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1139856	1139856	1139856
5°	926864	930080	933313
10°	431655	432057	429714
15°	133563	138341	135738
20°	53242	56247	52600
25°	22290	26281	21169
30°	9048	12071	8352
35°	2943	5529	2691
40°	1057	2226	1057
45°	438	706	438
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	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 706 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	414.3	55.8
10°-20°	247.7	33.3
20°-30°	63.0	8.5
30°-40°	13.7	1.8
40°-50°	2.2	0.3
50°-60°	1.1	0.1
60°-70°	0.7	0.1
70°-80°	0.4	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°	725.0	97.6
0°-40°	738.7	99.4
0°-60°	742.0	99.9
0°-90°	743.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	743.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	6618	6618	6618	6618	6618	
5°	5361	5369	5380	5355	5399	413
15°	749	770	776	765	761	247
25°	117	125	138	122	111	60
35°	14	18	26	18	13	11
45°	2	2	3	2	2	2
55°	1	1	1	1	1	1
65°	1	1	1	1	1	1
75°	1	1	1	1	1	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	6618.5	6618.5	6618.5	6618.5	6618.5
1°	6560.7	6571.8	6573.5	6571.8	6562.5
2°	6413.1	6445.8	6438.8	6424.8	6444.6
3°	6185.0	6201.3	6199.0	6200.2	6195.5
4°	5814.0	5842.6	5826.2	5838.5	5839.6
5°	5361.3	5368.9	5379.9	5355.4	5398.6
6°	4804.1	4852.6	4810.0	4852.0	4868.9
7°	4237.7	4265.7	4211.4	4240.6	4258.1
8°	3658.4	3609.4	3639.1	3639.7	3697.5
9°	3033.0	3042.9	3068.0	3039.4	3064.5
10°	2468.3	2491.0	2470.6	2460.7	2457.2
11°	1949.1	1974.7	1973.0	1975.9	1956.7
12°	1568.1	1554.7	1563.5	1534.9	1547.7
13°	1220.4	1221.0	1214.0	1202.3	1191.8
14°	956.2	950.3	966.7	952.1	938.7
15°	749.1	770.1	775.9	764.8	761.3
17.5°	462.0	462.6	470.8	460.3	459.1
20°	290.5	297.5	306.9	295.8	287.0
22.5°	183.8	190.2	204.8	190.8	178.5
25°	117.3	125.4	138.3	122.5	111.4
27.5°	73.5	81.1	93.3	78.8	70.6
30°	45.5	50.8	60.7	49.6	42.0
32.5°	26.3	31.5	39.7	29.8	25.1
35°	14.0	18.1	26.3	17.5	12.8
37.5°	8.2	10.5	16.9	9.3	7.6
40°	4.7	6.4	9.9	5.8	4.7
42.5°	2.9	4.1	4.7	3.5	2.3
45°	1.8	2.3	2.9	2.3	1.8
47.5°	1.2	1.8	2.3	1.2	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°	0.6	0.6	0.6	0.6	0.6
65°	0.6	0.6	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°	0.0	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)