

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: P1325821

Luminaire Tested: LDSQA3D09R15W2N902750DE010 3LSQPHRLP1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1325821
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R15W2N902750DE010 3LSQPHRLP1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

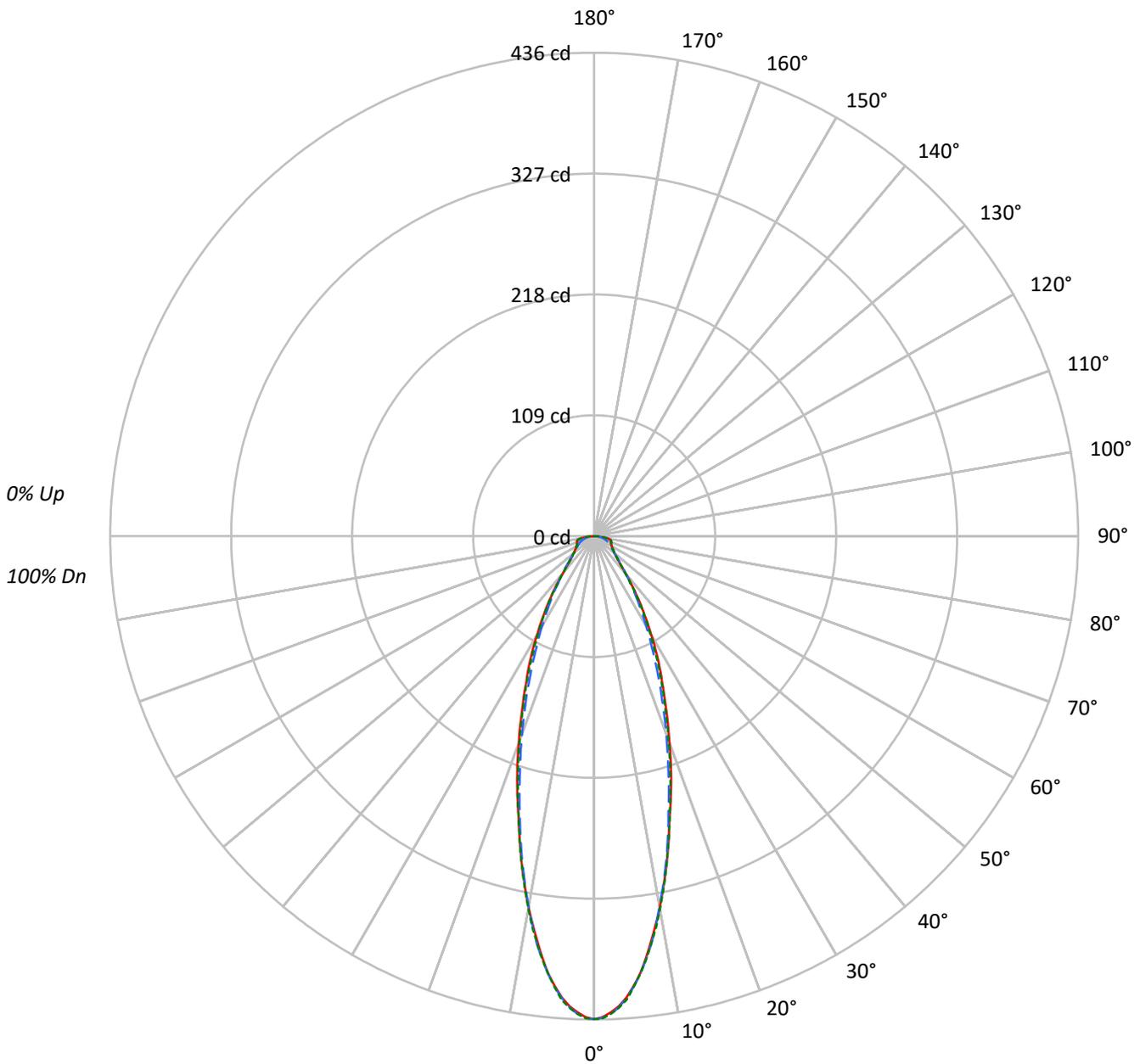
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 292.0 lumens
Efficiency: N/A
Efficacy: 32.4 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.63
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



0% Up
100% Dn

— 0°-180° - - 45°-225° - - - 90°-270°



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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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	108	104	101	109	105	102	100	101	99	96	97	95	94	94	92	91	89
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80
3	98	90	84	79	96	88	83	78	86	81	77	83	79	76	81	77	74	73
4	92	83	76	71	90	82	76	71	80	74	70	77	73	69	75	71	68	66
5	87	77	70	65	85	76	70	65	74	69	64	73	68	64	71	67	63	61
6	82	72	65	60	81	71	65	60	70	64	60	68	63	59	67	62	59	57
7	78	68	61	56	77	67	60	56	66	60	56	64	59	55	63	58	55	53
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50
9	71	60	54	49	70	60	53	49	59	53	49	58	53	49	57	52	49	47
10	68	57	51	47	67	57	51	47	56	50	46	55	50	46	54	49	46	45

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	75020	75020	75020
5°	70449	70553	70553
10°	59511	59337	59704
15°	46803	46144	46892
20°	36380	34731	35885
25°	27459	25540	27060
30°	20423	18634	20006
35°	14570	13582	14360
40°	9870	10005	9757
45°	7355	7745	7355
50°	6377	6377	6377
55°	6185	5885	6185
60°	6372	5821	6200
65°	6887	6031	6887
70°	8258	6143	8258
75°	10580	6321	10580
80°	13092	6843	12596
85°	10473	6323	11461

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 13092 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.7	12.6
10°-20°	72.6	24.9
20°-30°	64.2	22.0
30°-40°	42.2	14.4
40°-50°	24.7	8.4
50°-60°	18.1	6.2
60°-70°	15.5	5.3
70°-80°	12.7	4.4
80°-90°	5.3	1.8
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°	173.5	59.4
0°-40°	215.7	73.9
0°-60°	258.5	88.5
0°-90°	292.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	292.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	436	436	436	436	436	
5°	408	408	408	409	408	37
15°	262	262	259	262	263	73
25°	144	140	134	138	142	67
35°	69	67	65	66	68	44
45°	30	31	32	31	30	24
55°	21	20	20	20	21	19
65°	17	15	15	15	17	17
75°	16	12	10	12	16	16
85°	5	6	3	5	6	6
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	435.6	435.6	435.6	435.6	435.6
1°	434.0	434.5	434.5	435.0	435.0
2°	429.8	430.8	431.3	431.3	431.3
3°	424.5	425.0	425.5	426.0	426.0
4°	417.1	417.6	417.6	418.6	419.2
5°	407.5	407.5	408.1	408.6	408.1
6°	396.4	396.4	396.9	396.9	396.9
7°	383.2	383.7	384.2	384.8	384.2
8°	368.9	369.4	371.0	371.0	370.5
9°	354.6	355.1	355.1	356.7	356.7
10°	340.3	340.3	339.3	340.3	341.4
12.5°	301.7	301.1	299.6	301.1	302.2
15°	262.5	262.5	258.8	262.0	263.0
17.5°	230.8	226.0	222.3	225.5	228.1
20°	198.5	193.7	189.5	192.6	195.8
22.5°	169.4	165.7	160.4	163.5	167.2
25°	144.5	139.7	134.4	138.1	142.4
27.5°	123.8	117.5	112.2	116.4	120.1
30°	102.7	98.4	93.7	96.9	100.6
32.5°	84.7	81.5	77.8	80.4	83.6
35°	69.3	66.7	64.6	66.2	68.3
37.5°	55.6	54.5	53.5	54.0	54.0
40°	43.9	44.5	44.5	44.5	43.4
42.5°	36.0	36.5	37.6	36.5	36.0
45°	30.2	30.7	31.8	30.7	30.2
47.5°	26.5	27.0	27.5	26.5	26.5
50°	23.8	23.8	23.8	23.8	23.8
52.5°	22.2	21.7	21.7	21.7	22.2
55°	20.6	20.1	19.6	20.1	20.6
57.5°	19.1	18.5	18.0	18.5	19.1
60°	18.5	17.5	16.9	17.5	18.0
62.5°	17.5	16.4	15.9	16.4	17.5
65°	16.9	15.3	14.8	15.3	16.9
67.5°	16.4	14.3	13.2	14.3	16.4
70°	16.4	13.2	12.2	13.8	16.4
72.5°	15.9	12.7	10.6	12.7	15.9
75°	15.9	11.6	9.5	12.2	15.9
77.5°	14.8	10.6	7.9	11.1	14.8
80°	13.2	9.5	6.9	10.1	12.7
82.5°	9.5	7.9	5.3	7.9	9.5
85°	5.3	5.8	3.2	5.3	5.8
87.5°	0.5	1.6	1.1	3.2	2.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)