

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: P1325825

Luminaire Tested: LDSQA3D09R15W2N902750DE010 3LSQPHRLP1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1325825
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_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

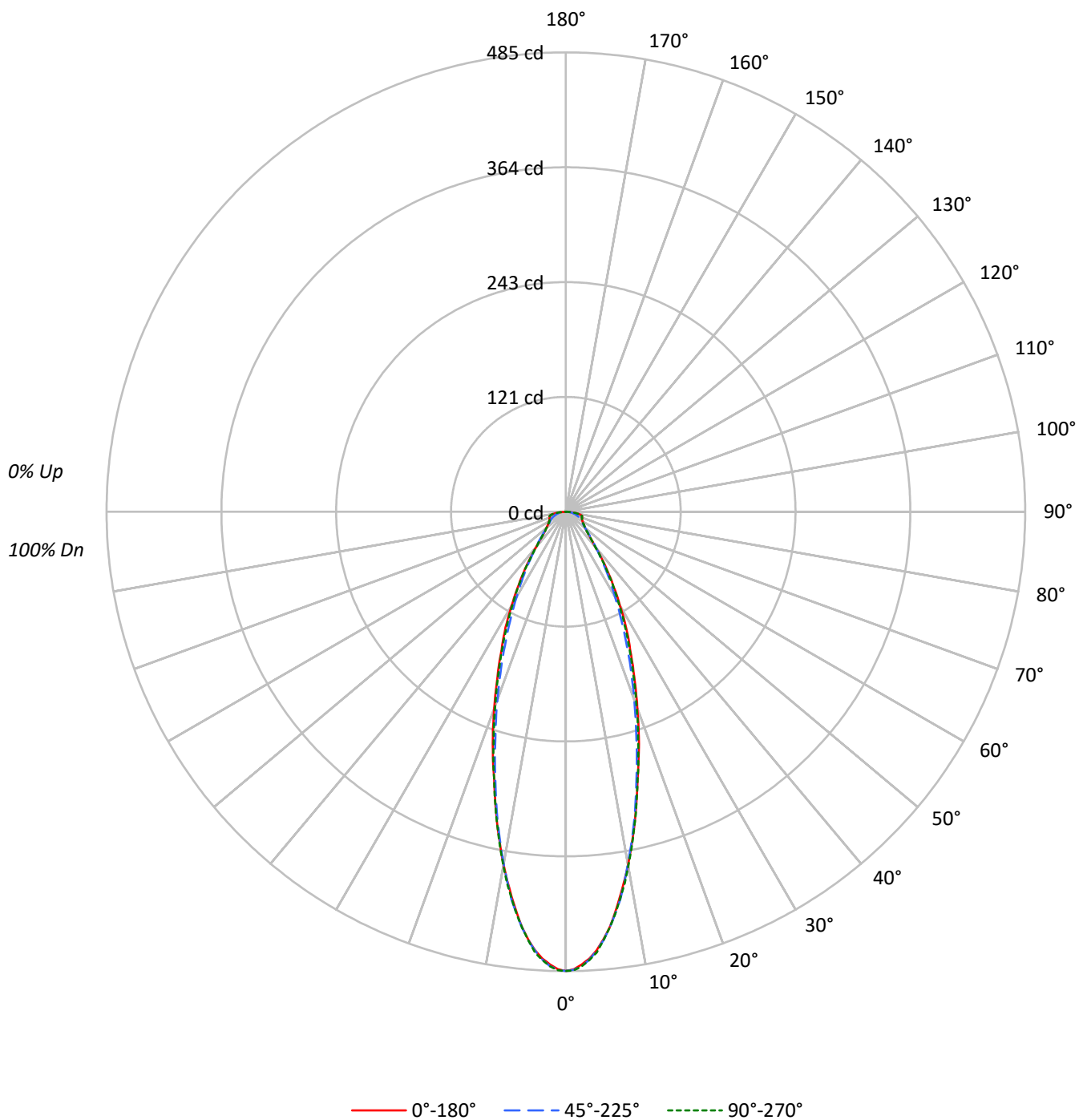
Lumens per Lamp: N/A
Luminaire Lumens: 325.0 lumens
Efficiency: N/A
Efficacy: 36.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.63
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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



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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	83494	83494	83494
5°	78419	78522	78522
10°	66244	66034	66437
15°	52099	51368	52206
20°	40486	38653	39954
25°	30556	28428	30119
30°	22730	20742	22253
35°	16231	15117	15979
40°	10994	11129	10859
45°	8184	8598	8184
50°	7100	7100	7100
55°	6906	6546	6906
60°	7096	6510	6889
65°	7702	6724	7702
70°	9215	6798	9215
75°	11778	7053	11778
80°	14579	7637	13984
85°	11659	6916	12844

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 14579 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.9	12.6
10°-20°	80.8	24.9
20°-30°	71.4	22.0
30°-40°	46.9	14.4
40°-50°	27.4	8.4
50°-60°	20.2	6.2
60°-70°	17.2	5.3
70°-80°	14.2	4.4
80°-90°	5.9	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°	193.2	59.4
0°-40°	240.1	73.9
0°-60°	287.7	88.5
0°-90°	325.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	325.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	485	485	485	485	485	
5°	454	454	454	455	454	41
15°	292	292	288	292	293	82
25°	161	156	150	154	158	74
35°	77	74	72	74	76	49
45°	34	34	35	34	34	27
55°	23	22	22	22	23	21
65°	19	17	16	17	19	19
75°	18	13	11	14	18	18
85°	6	6	4	6	6	7
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	484.8	484.8	484.8	484.8	484.8
1°	483.0	483.6	483.6	484.2	484.2
2°	478.3	479.5	480.1	480.1	480.1
3°	472.4	473.0	473.6	474.2	474.2
4°	464.2	464.8	464.8	466.0	466.5
5°	453.6	453.6	454.2	454.8	454.2
6°	441.2	441.2	441.8	441.8	441.8
7°	426.5	427.1	427.7	428.3	427.7
8°	410.6	411.2	412.9	412.9	412.3
9°	394.7	395.3	395.3	397.0	397.0
10°	378.8	378.8	377.6	378.8	379.9
12.5°	335.8	335.2	333.4	335.2	336.4
15°	292.2	292.2	288.1	291.6	292.8
17.5°	256.8	251.5	247.4	250.9	253.9
20°	220.9	215.6	210.9	214.4	218.0
22.5°	188.5	184.4	178.5	182.0	186.1
25°	160.8	155.5	149.6	153.7	158.5
27.5°	137.8	130.8	124.9	129.6	133.7
30°	114.3	109.6	104.3	107.8	111.9
32.5°	94.3	90.7	86.6	89.5	93.1
35°	77.2	74.2	71.9	73.6	76.0
37.5°	61.9	60.7	59.5	60.1	60.1
40°	48.9	49.5	49.5	49.5	48.3
42.5°	40.1	40.6	41.8	40.6	40.1
45°	33.6	34.2	35.3	34.2	33.6
47.5°	29.5	30.0	30.6	29.5	29.5
50°	26.5	26.5	26.5	26.5	26.5
52.5°	24.7	24.2	24.2	24.2	24.7
55°	23.0	22.4	21.8	22.4	23.0
57.5°	21.2	20.6	20.0	20.6	21.2
60°	20.6	19.4	18.9	19.4	20.0
62.5°	19.4	18.3	17.7	18.3	19.4
65°	18.9	17.1	16.5	17.1	18.9
67.5°	18.3	15.9	14.7	15.9	18.3
70°	18.3	14.7	13.5	15.3	18.3
72.5°	17.7	14.1	11.8	14.1	17.7
75°	17.7	13.0	10.6	13.5	17.7
77.5°	16.5	11.8	8.8	12.4	16.5
80°	14.7	10.6	7.7	11.2	14.1
82.5°	10.6	8.8	5.9	8.8	10.6
85°	5.9	6.5	3.5	5.9	6.5
87.5°	0.6	1.8	1.2	3.5	2.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)