

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: P1326532

Luminaire Tested: LDSQA3D09R35W2N902750DE010 3LSQPHRL1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326532
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R35W2N902750DE010 3LSQPHRL1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQPHRL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

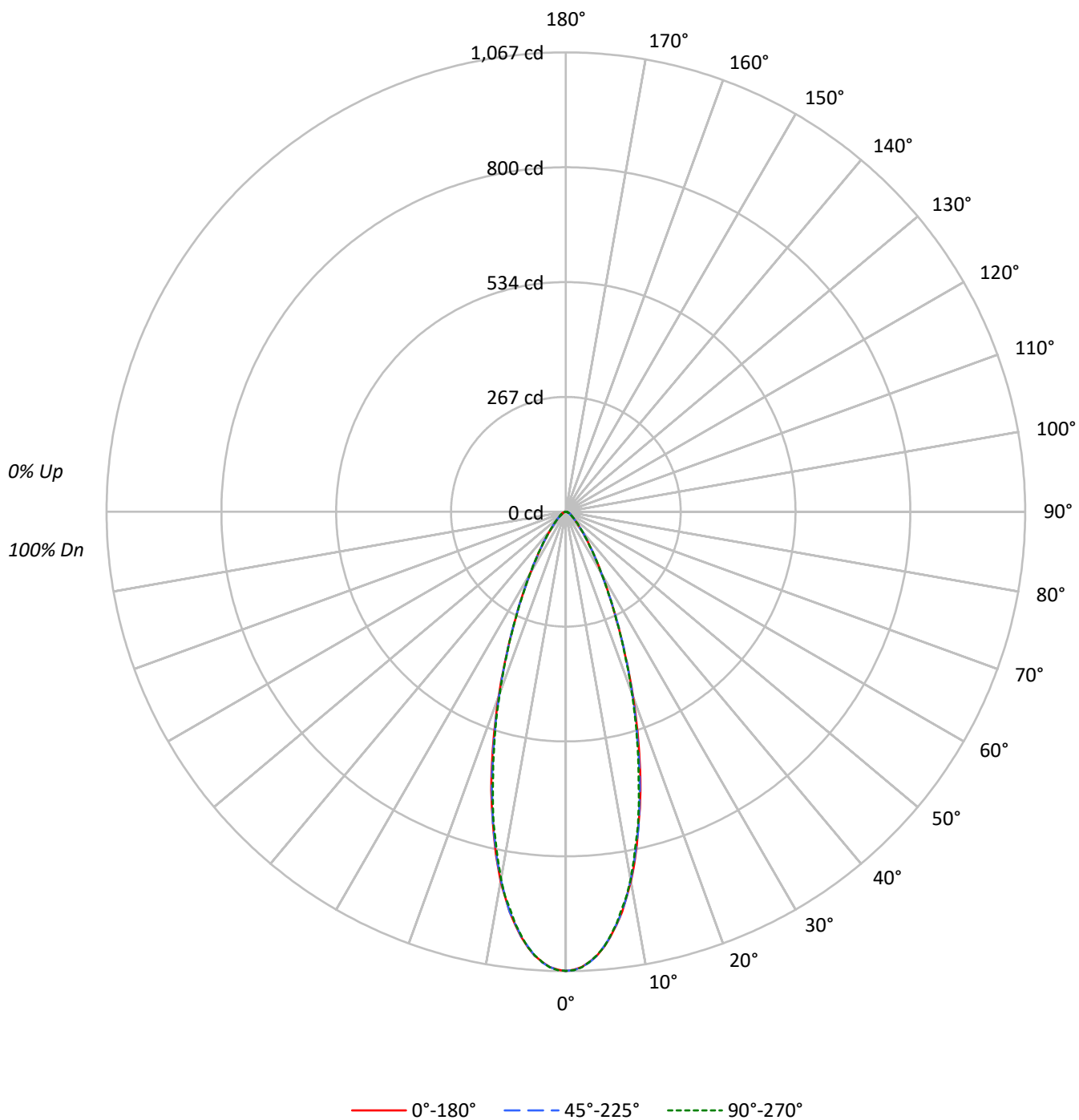
Lumens per Lamp: N/A
Luminaire Lumens: 526.0 lumens
Efficiency: N/A
Efficacy: 58.4 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.58 / 0.6
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	100		
1	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94		
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87		
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	86	83	82		
4	98	91	86	82	97	90	85	81	88	84	80	86	82	79	84	81	78	77		
5	94	86	80	76	92	85	80	76	83	79	75	82	78	75	80	77	74	73		
6	90	81	76	72	88	81	75	71	79	74	71	78	74	70	76	73	70	69		
7	86	77	72	68	85	77	71	67	75	71	67	74	70	67	73	69	66	65		
8	82	73	68	64	81	73	68	64	72	67	64	71	67	63	70	66	63	62		
9	79	70	65	61	78	70	64	61	69	64	61	68	63	60	67	63	60	59		
10	76	67	62	58	75	67	61	58	66	61	58	65	61	58	64	60	57	56		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	183693	183693	183693
5°	175526	175214	175526
10°	152372	151865	151655
15°	119406	118461	116589
20°	83537	82786	82254
25°	53055	53378	53055
30°	32694	32912	32694
35°	20226	20331	20331
40°	12837	12972	12972
45°	8671	8793	8939
50°	6243	6404	6404
55°	4894	4894	4894
60°	4030	4030	4030
65°	3545	3545	3545
70°	3223	3223	3223
75°	2728	2728	2728
80°	2281	2281	2281
85°	1186	1186	2371

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 67.5°

Vertical Angle: 45°

Luminance: 8939 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.2	17.5
10°-20°	181.5	34.5
20°-30°	130.9	24.9
30°-40°	63.1	12.0
40°-50°	29.1	5.5
50°-60°	15.1	2.9
60°-70°	8.7	1.7
70°-80°	4.4	0.8
80°-90°	1.0	0.2
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°	404.6	76.9
0°-40°	467.7	88.9
0°-60°	511.9	97.3
0°-90°	526.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	526.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1067	1067	1067	1067	1067	
5°	1015	1018	1014	1014	1015	92
15°	670	668	664	662	654	183
25°	279	280	281	281	279	131
35°	96	96	97	97	97	63
45°	36	36	36	37	37	29
55°	16	16	16	16	16	15
65°	9	9	9	9	9	9
75°	4	4	4	4	4	4
85°	1	1	1	1	1	1
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1066.6	1066.6	1066.6	1066.6	1066.6
1°	1063.7	1065.4	1064.8	1065.4	1064.8
2°	1058.4	1059.6	1058.4	1059.0	1059.0
3°	1047.3	1048.5	1048.5	1047.9	1047.3
4°	1033.9	1036.8	1033.9	1034.5	1032.8
5°	1015.3	1017.6	1013.5	1014.1	1015.3
6°	992.5	993.1	992.0	991.4	990.2
7°	966.3	968.7	964.6	965.2	964.0
8°	938.3	937.8	937.8	935.4	931.9
9°	904.5	906.9	903.4	902.2	902.8
10°	871.3	871.3	868.4	865.5	867.2
11°	833.4	832.3	830.5	826.4	825.3
12°	792.1	794.4	789.1	787.4	783.3
13°	749.5	753.0	750.7	744.3	744.8
14°	709.9	707.5	705.8	704.6	700.6
15°	669.7	668.5	664.4	661.5	653.9
17.5°	559.5	560.7	553.1	551.9	549.0
20°	455.8	452.3	451.7	452.3	448.8
22.5°	359.6	363.1	359.0	359.6	357.3
25°	279.2	279.8	280.9	280.9	279.2
27.5°	216.8	216.8	215.6	216.8	215.1
30°	164.4	164.4	165.5	166.7	164.4
32.5°	127.1	127.1	127.1	127.6	128.2
35°	96.2	96.2	96.7	96.7	96.7
37.5°	74.0	74.6	75.2	75.2	75.2
40°	57.1	57.7	57.7	58.3	57.7
42.5°	45.5	45.5	45.5	46.0	46.0
45°	35.6	36.1	36.1	36.7	36.7
47.5°	29.1	29.1	29.1	29.7	29.7
50°	23.3	23.9	23.9	23.9	23.9
52.5°	19.2	19.2	19.8	19.8	19.8
55°	16.3	16.3	16.3	16.3	16.3
57.5°	13.4	14.0	14.0	14.0	14.0
60°	11.7	11.7	11.7	11.7	11.7
62.5°	9.9	9.9	9.9	9.9	9.9
65°	8.7	8.7	8.7	8.7	8.7
67.5°	7.0	7.6	7.6	7.6	7.6
70°	6.4	6.4	6.4	6.4	6.4
72.5°	4.7	5.2	5.2	5.2	5.2
75°	4.1	4.1	4.1	4.1	4.1
77.5°	3.5	2.9	2.9	2.9	3.5
80°	2.3	2.3	2.3	2.3	2.3
82.5°	1.7	1.7	1.7	1.7	1.7
85°	0.6	0.6	0.6	0.6	1.2
87.5°	0.0	0.0	0.0	0.6	0.6



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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)