

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: P1324916

Luminaire Tested: LDSQA3D05R35W2N902750DE010 3LSQPHRL1MB_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324916
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: LDSQA3D05R35W2N902750DE010 3LSQPHRL1MB_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQPHRL1MB TRIM
Light Source: -
Ballast/Driver: -

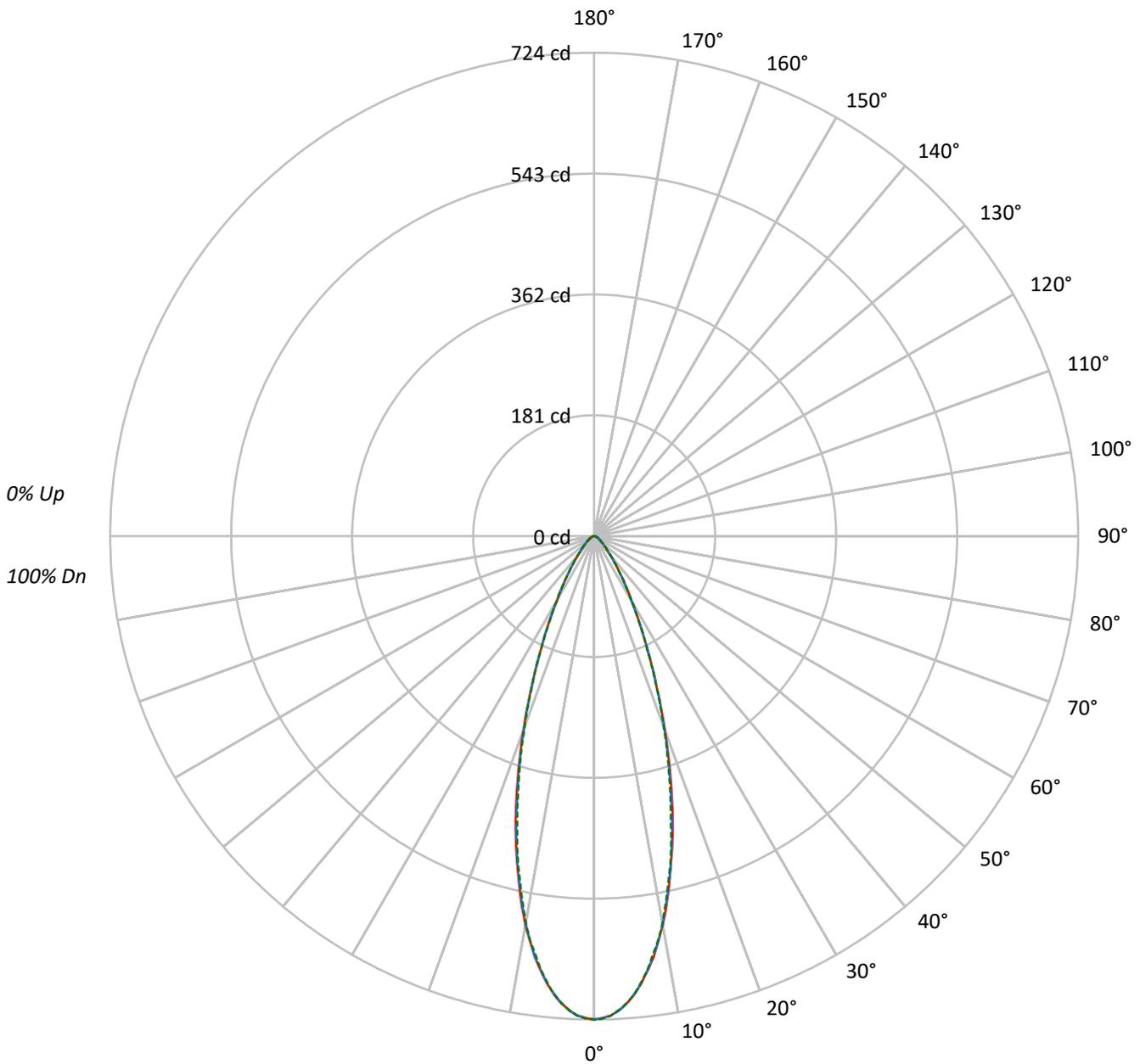
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 357.0 lumens
Efficiency: N/A
Efficacy: 60.5 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): 5.9
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°-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	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	96	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°	124672	124672	124672
5°	119132	118924	119132
10°	103424	103074	102934
15°	81036	80395	79129
20°	56687	56192	55826
25°	36010	36238	36010
30°	22174	22333	22174
35°	13729	13813	13813
40°	8723	8813	8813
45°	5870	5967	6065
50°	4233	4340	4340
55°	3333	3333	3333
60°	2721	2721	2721
65°	2404	2404	2404
70°	2216	2216	2216
75°	1863	1863	1863
80°	1587	1587	1587
85°	790	790	1581

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 67.5°
 Vertical Angle: 45°
 Luminance: 6065 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.6	17.5
10°-20°	123.2	34.5
20°-30°	88.9	24.9
30°-40°	42.8	12.0
40°-50°	19.8	5.5
50°-60°	10.2	2.9
60°-70°	5.9	1.6
70°-80°	3.0	0.8
80°-90°	0.7	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°	274.6	76.9
0°-40°	317.5	88.9
0°-60°	347.4	97.3
0°-90°	357.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	357.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	724	724	724	724	724	
5°	689	691	688	688	689	63
15°	454	454	451	449	444	124
25°	190	190	191	191	190	89
35°	65	65	66	66	66	43
45°	24	24	24	25	25	20
55°	11	11	11	11	11	10
65°	6	6	6	6	6	6
75°	3	3	3	3	3	3
85°	0	0	0	0	1	1
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	723.9	723.9	723.9	723.9	723.9
1°	721.9	723.1	722.7	723.1	722.7
2°	718.3	719.1	718.3	718.7	718.7
3°	710.8	711.6	711.6	711.2	710.8
4°	701.7	703.7	701.7	702.1	700.9
5°	689.1	690.7	687.9	688.3	689.1
6°	673.6	674.0	673.3	672.9	672.1
7°	655.8	657.4	654.7	655.1	654.3
8°	636.9	636.5	636.5	634.9	632.5
9°	613.9	615.5	613.1	612.3	612.7
10°	591.4	591.4	589.4	587.4	588.6
11°	565.7	564.9	563.7	560.9	560.1
12°	537.6	539.2	535.6	534.4	531.6
13°	508.7	511.1	509.5	505.1	505.5
14°	481.8	480.2	479.0	478.2	475.5
15°	454.5	453.7	450.9	449.0	443.8
17.5°	379.7	380.5	375.4	374.6	372.6
20°	309.3	307.0	306.6	307.0	304.6
22.5°	244.1	246.4	243.7	244.1	242.5
25°	189.5	189.9	190.7	190.7	189.5
27.5°	147.2	147.2	146.4	147.2	146.0
30°	111.5	111.5	112.3	113.1	111.5
32.5°	86.2	86.2	86.2	86.6	87.0
35°	65.3	65.3	65.7	65.7	65.7
37.5°	50.2	50.6	51.0	51.0	51.0
40°	38.8	39.2	39.2	39.6	39.2
42.5°	30.9	30.9	30.9	31.2	31.2
45°	24.1	24.5	24.5	24.9	24.9
47.5°	19.8	19.8	19.8	20.2	20.2
50°	15.8	16.2	16.2	16.2	16.2
52.5°	13.1	13.1	13.4	13.4	13.4
55°	11.1	11.1	11.1	11.1	11.1
57.5°	9.1	9.5	9.5	9.5	9.5
60°	7.9	7.9	7.9	7.9	7.9
62.5°	6.7	6.7	6.7	6.7	6.7
65°	5.9	5.9	5.9	5.9	5.9
67.5°	4.7	5.1	5.1	5.1	5.1
70°	4.4	4.4	4.4	4.4	4.4
72.5°	3.2	3.6	3.6	3.6	3.6
75°	2.8	2.8	2.8	2.8	2.8
77.5°	2.4	2.0	2.0	2.0	2.4
80°	1.6	1.6	1.6	1.6	1.6
82.5°	1.2	1.2	1.2	1.2	1.2
85°	0.4	0.4	0.4	0.4	0.8
87.5°	0.0	0.0	0.0	0.4	0.4



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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)