

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: P1324927

Luminaire Tested: LDSQA3D05R35W2N902750DE010 3LSQPHRL1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324927
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 3LSQPHRL1MW_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 90CRI ,
3LSQPHRL1MW TRIM
Light Source: -
Ballast/Driver: -

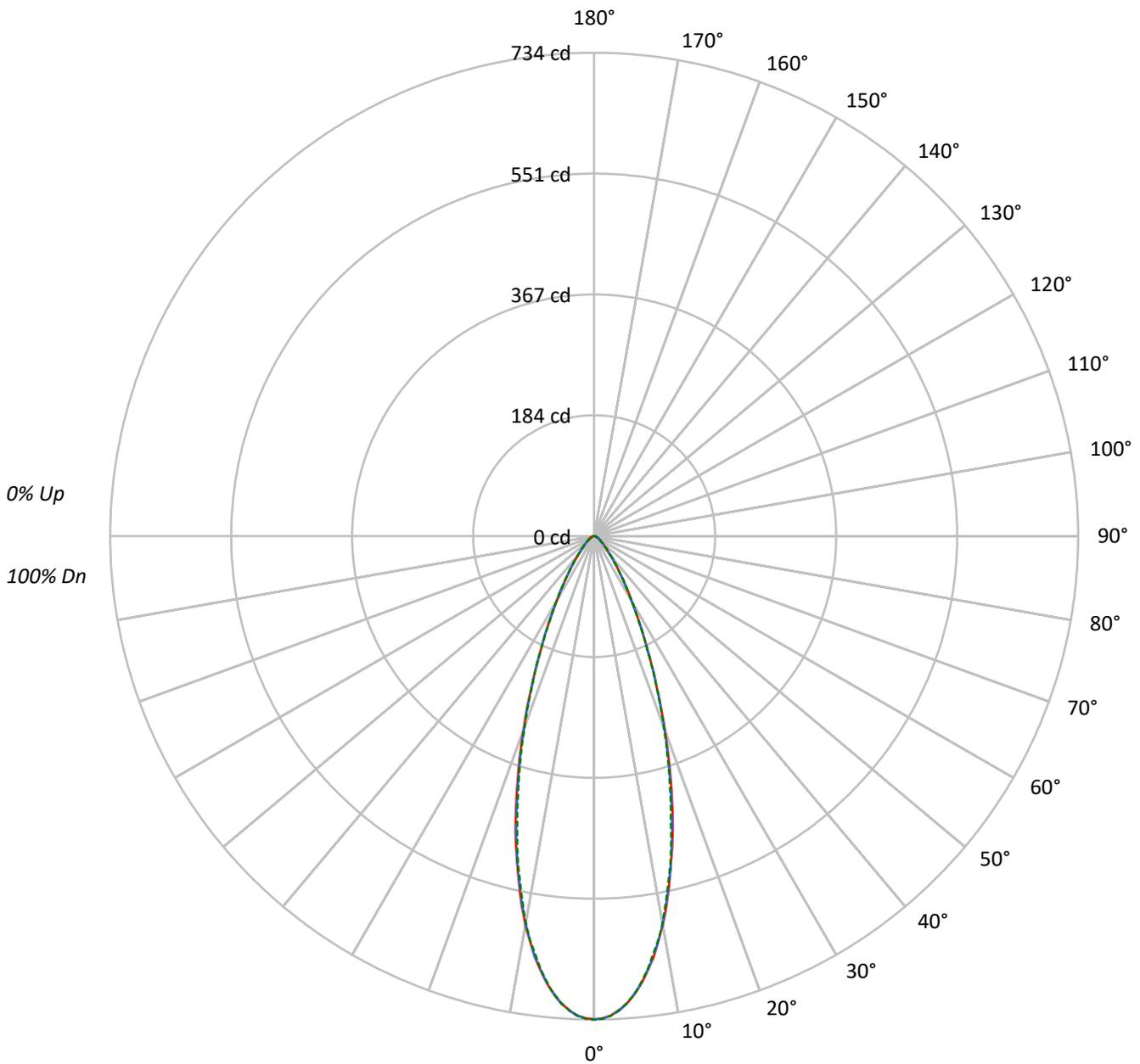
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 361.9 lumens
Efficiency: N/A
Efficacy: 61.3 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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	95	95	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	89	89	89	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	86	83	83	83	83	82
4	98	91	86	82	97	90	85	81	88	84	80	86	82	79	84	81	78	78	78	78	77
5	94	86	80	76	92	85	80	76	83	79	75	82	78	75	80	77	74	74	74	74	73
6	90	81	76	72	88	81	75	71	79	74	71	78	74	70	76	73	70	70	70	70	69
7	86	77	72	68	85	77	71	67	75	71	67	74	70	67	73	69	66	66	66	66	65
8	82	73	68	64	81	73	68	64	72	67	64	71	67	63	70	66	63	63	63	63	62
9	79	70	65	61	78	70	64	61	69	64	61	68	63	60	67	63	60	60	60	60	59
10	76	67	62	58	75	67	61	58	66	61	58	65	61	58	64	60	57	57	57	57	56

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	126411	126411	126411
5°	120792	120584	120792
10°	104875	104508	104368
15°	82178	81536	80234
20°	57494	56980	56614
25°	36504	36732	36504
30°	22492	22651	22492
35°	13918	14002	14002
40°	8835	8925	8925
45°	5967	6065	6162
50°	4287	4394	4394
55°	3363	3363	3363
60°	2756	2756	2756
65°	2445	2445	2445
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: 6162 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.4	17.5
10°-20°	124.9	34.5
20°-30°	90.1	24.9
30°-40°	43.4	12.0
40°-50°	20.0	5.5
50°-60°	10.3	2.9
60°-70°	6.0	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°	278.4	76.9
0°-40°	321.9	88.9
0°-60°	352.2	97.3
0°-90°	361.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	361.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	734	734	734	734	734	
5°	699	700	698	698	699	63
15°	461	460	457	455	450	126
25°	192	192	193	193	192	90
35°	66	66	67	67	67	43
45°	24	25	25	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°	734.0	734.0	734.0	734.0	734.0
1°	732.0	733.2	732.8	733.2	732.8
2°	728.4	729.2	728.4	728.8	728.8
3°	720.8	721.6	721.6	721.2	720.8
4°	711.6	713.6	711.6	712.0	710.8
5°	698.7	700.3	697.5	697.9	698.7
6°	683.1	683.5	682.7	682.3	681.5
7°	665.0	666.6	663.8	664.2	663.4
8°	645.8	645.4	645.4	643.8	641.4
9°	622.5	624.1	621.7	620.9	621.3
10°	599.7	599.7	597.6	595.6	596.8
11°	573.6	572.8	571.6	568.8	568.0
12°	545.1	546.7	543.1	541.9	539.1
13°	515.8	518.2	516.6	512.2	512.6
14°	488.5	486.9	485.7	484.9	482.1
15°	460.9	460.1	457.3	455.3	450.0
17.5°	385.1	385.9	380.6	379.8	377.8
20°	313.7	311.3	310.9	311.3	308.9
22.5°	247.5	249.9	247.1	247.5	245.9
25°	192.1	192.5	193.3	193.3	192.1
27.5°	149.2	149.2	148.4	149.2	148.0
30°	113.1	113.1	113.9	114.7	113.1
32.5°	87.4	87.4	87.4	87.8	88.2
35°	66.2	66.2	66.6	66.6	66.6
37.5°	50.9	51.3	51.7	51.7	51.7
40°	39.3	39.7	39.7	40.1	39.7
42.5°	31.3	31.3	31.3	31.7	31.7
45°	24.5	24.9	24.9	25.3	25.3
47.5°	20.1	20.1	20.1	20.5	20.5
50°	16.0	16.4	16.4	16.4	16.4
52.5°	13.2	13.2	13.6	13.6	13.6
55°	11.2	11.2	11.2	11.2	11.2
57.5°	9.2	9.6	9.6	9.6	9.6
60°	8.0	8.0	8.0	8.0	8.0
62.5°	6.8	6.8	6.8	6.8	6.8
65°	6.0	6.0	6.0	6.0	6.0
67.5°	4.8	5.2	5.2	5.2	5.2
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)