

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: P1324565

Luminaire Tested: LDSQA3D05R25W2N902750DE010 3LSQPHRLP1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324565
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R25W2N902750DE010 3LSQPHRLP1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

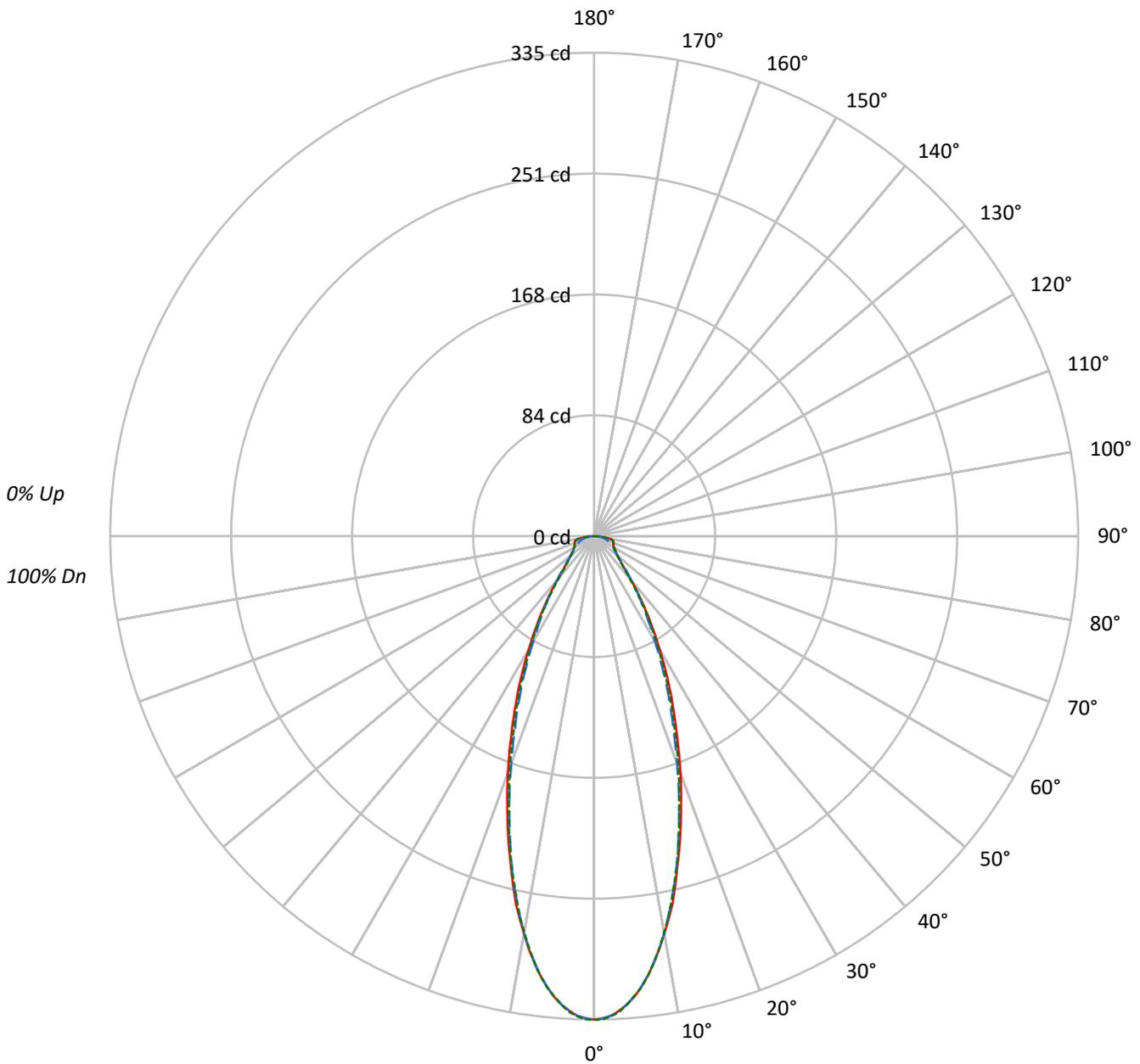
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 253.0 lumens
Efficiency: N/A
Efficacy: 42.9 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68
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% 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									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	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	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89																												
2	104	98	92	88	102	96	91	87	93	89	85	89	86	83	87	84	81	80																												
3	98	90	83	78	95	88	82	78	85	80	76	83	79	75	80	77	74	72																												
4	92	83	76	71	90	81	75	70	79	74	69	77	72	69	75	71	68	66																												
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	63	61																												
6	82	72	65	60	80	71	64	59	69	63	59	68	62	59	66	62	58	56																												
7	78	67	60	55	76	66	60	55	65	59	55	64	58	55	62	58	54	53																												
8	74	63	56	52	72	62	56	52	61	55	51	60	55	51	59	54	51	49																												
9	70	60	53	49	69	59	53	48	58	52	48	57	52	48	56	51	48	46																												
10	67	56	50	46	66	56	50	46	55	49	46	54	49	45	53	49	45	44																												

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	57695	57695	57695
5°	55356	55287	55287
10°	48931	48861	48721
15°	40420	39850	40064
20°	32018	30699	31212
25°	24380	23088	23696
30°	17958	16685	17401
35°	12867	12278	12447
40°	8813	8993	8543
45°	6527	6917	6430
50°	5680	5680	5573
55°	5405	5164	5405
60°	5511	5098	5511
65°	6031	5216	6031
70°	7251	5237	7050
75°	9050	5590	9050
80°	11505	5951	10711
85°	9485	5533	9485

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 11505 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.2	11.6
10°-20°	62.1	24.5
20°-30°	56.9	22.5
30°-40°	37.6	14.8
40°-50°	21.9	8.6
50°-60°	16.0	6.3
60°-70°	13.6	5.4
70°-80°	11.2	4.4
80°-90°	4.6	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°	148.3	58.6
0°-40°	185.8	73.4
0°-60°	223.6	88.4
0°-90°	253.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	253.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	335	335	335	335	335	
5°	320	320	320	320	320	29
15°	227	226	224	224	225	63
25°	128	125	122	122	125	59
35°	61	60	58	58	59	39
45°	27	28	28	27	26	22
55°	18	18	17	18	18	16
65°	15	14	13	14	15	15
75°	14	10	8	10	14	14
85°	5	5	3	5	5	5
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	335.0	335.0	335.0	335.0	335.0
1°	334.2	334.2	334.2	334.2	335.0
2°	332.6	332.2	332.6	332.6	333.0
3°	329.4	329.4	329.4	329.4	330.2
4°	325.4	325.4	325.4	325.4	325.4
5°	320.2	319.8	319.8	320.2	319.8
6°	313.8	313.8	313.8	313.8	314.2
7°	306.6	306.2	306.2	305.8	306.6
8°	298.2	298.2	297.8	297.4	298.2
9°	289.4	289.8	289.0	288.6	288.6
10°	279.8	279.4	279.4	279.4	278.6
11°	270.2	269.0	268.6	268.6	269.4
12°	260.6	258.6	257.8	257.8	257.8
13°	249.0	248.2	247.0	246.2	246.6
14°	237.5	237.5	235.5	235.5	236.3
15°	226.7	225.9	223.5	224.3	224.7
17.5°	199.9	198.3	195.5	195.5	195.9
20°	174.7	171.9	167.5	169.5	170.3
22.5°	149.9	147.1	142.7	144.7	145.5
25°	128.3	124.7	121.5	121.9	124.7
27.5°	108.7	104.7	101.5	102.7	104.3
30°	90.3	87.9	83.9	85.9	87.5
32.5°	74.8	72.8	70.0	71.2	72.8
35°	61.2	60.0	58.4	58.4	59.2
37.5°	49.6	49.2	48.4	48.0	47.6
40°	39.2	40.0	40.0	39.2	38.0
42.5°	32.0	32.8	33.6	32.0	30.8
45°	26.8	27.6	28.4	26.8	26.4
47.5°	23.6	24.0	24.4	23.6	23.2
50°	21.2	21.2	21.2	20.8	20.8
52.5°	19.6	19.2	18.8	19.2	19.2
55°	18.0	18.0	17.2	17.6	18.0
57.5°	16.8	16.4	16.0	16.4	16.8
60°	16.0	15.2	14.8	15.2	16.0
62.5°	15.2	14.4	13.6	14.4	15.2
65°	14.8	13.6	12.8	13.6	14.8
67.5°	14.4	12.8	11.6	12.8	14.4
70°	14.4	12.0	10.4	12.0	14.0
72.5°	14.0	11.2	9.6	11.2	14.0
75°	13.6	10.4	8.4	10.4	13.6
77.5°	13.2	9.6	7.2	9.6	12.8
80°	11.6	8.8	6.0	8.8	10.8
82.5°	8.4	7.2	4.8	7.2	8.0
85°	4.8	5.2	2.8	5.2	4.8
87.5°	0.8	1.2	0.8	2.0	1.6



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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)