

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: P1324562

Luminaire Tested: LDSQA3D05R25W2N902750DE010 3LSQPHRLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324562
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_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

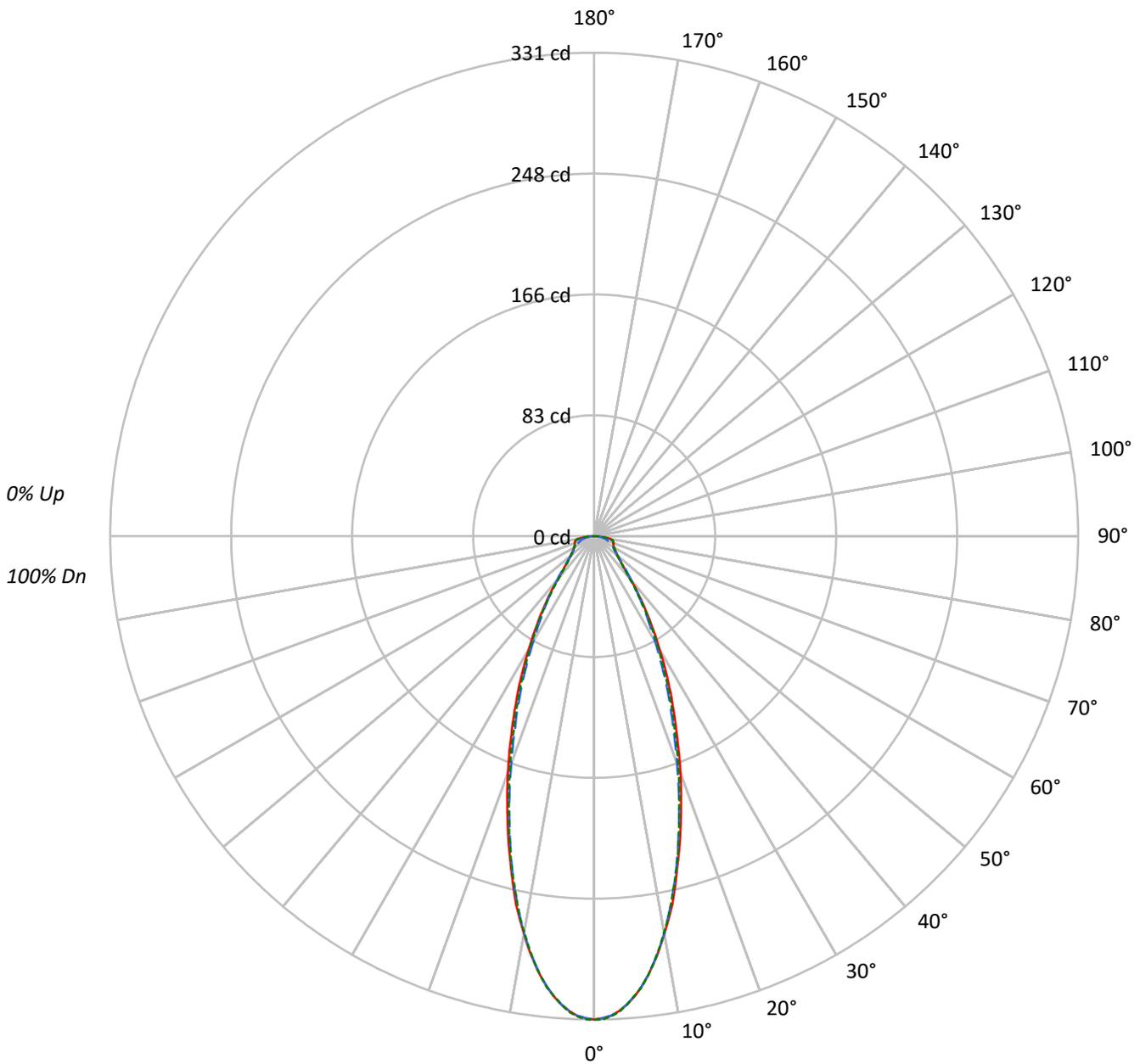
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 250.0 lumens
Efficiency: N/A
Efficacy: 42.4 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°-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	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°	57006	57006	57006
5°	54699	54630	54630
10°	48354	48284	48144
15°	39939	39368	39582
20°	31633	30332	30845
25°	24095	22822	23411
30°	17759	16506	17202
35°	12699	12131	12299
40°	8701	8880	8431
45°	6454	6820	6357
50°	5600	5600	5493
55°	5345	5104	5345
60°	5442	5029	5442
65°	5950	5135	5950
70°	7150	5187	6949
75°	8917	5523	8917
80°	11406	5852	10612
85°	9287	5533	9287

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 11406 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.9	11.6
10°-20°	61.4	24.6
20°-30°	56.2	22.5
30°-40°	37.1	14.8
40°-50°	21.6	8.6
50°-60°	15.8	6.3
60°-70°	13.4	5.4
70°-80°	11.1	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°	146.5	58.6
0°-40°	183.6	73.4
0°-60°	221.0	88.4
0°-90°	250.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	250.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	331	331	331	331	331	
5°	316	316	316	316	316	29
15°	224	223	221	222	222	62
25°	127	123	120	120	123	58
35°	60	59	58	58	58	38
45°	26	27	28	26	26	21
55°	18	18	17	17	18	16
65°	15	13	13	13	15	15
75°	13	10	8	10	13	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°	331.0	331.0	331.0	331.0	331.0
1°	330.2	330.2	330.2	330.2	331.0
2°	328.6	328.3	328.6	328.6	329.0
3°	325.5	325.5	325.5	325.5	326.3
4°	321.5	321.5	321.5	321.5	321.5
5°	316.4	316.0	316.0	316.4	316.0
6°	310.1	310.1	310.1	310.1	310.5
7°	303.0	302.6	302.6	302.2	303.0
8°	294.7	294.7	294.3	293.9	294.7
9°	286.0	286.4	285.6	285.2	285.2
10°	276.5	276.1	276.1	276.1	275.3
11°	267.0	265.8	265.4	265.4	266.2
12°	257.5	255.6	254.8	254.8	254.8
13°	246.1	245.3	244.1	243.3	243.7
14°	234.6	234.6	232.7	232.7	233.5
15°	224.0	223.2	220.8	221.6	222.0
17.5°	197.5	195.9	193.2	193.2	193.6
20°	172.6	169.9	165.5	167.5	168.3
22.5°	148.1	145.4	141.0	143.0	143.8
25°	126.8	123.2	120.1	120.5	123.2
27.5°	107.4	103.5	100.3	101.5	103.1
30°	89.3	86.9	83.0	84.9	86.5
32.5°	73.9	71.9	69.1	70.3	71.9
35°	60.4	59.3	57.7	57.7	58.5
37.5°	49.0	48.6	47.8	47.4	47.0
40°	38.7	39.5	39.5	38.7	37.5
42.5°	31.6	32.4	33.2	31.6	30.4
45°	26.5	27.3	28.0	26.5	26.1
47.5°	23.3	23.7	24.1	23.3	22.9
50°	20.9	20.9	20.9	20.5	20.5
52.5°	19.4	19.0	18.6	19.0	19.0
55°	17.8	17.8	17.0	17.4	17.8
57.5°	16.6	16.2	15.8	16.2	16.6
60°	15.8	15.0	14.6	15.0	15.8
62.5°	15.0	14.2	13.4	14.2	15.0
65°	14.6	13.4	12.6	13.4	14.6
67.5°	14.2	12.6	11.5	12.6	14.2
70°	14.2	11.9	10.3	11.9	13.8
72.5°	13.8	11.1	9.5	11.1	13.8
75°	13.4	10.3	8.3	10.3	13.4
77.5°	13.0	9.5	7.1	9.5	12.6
80°	11.5	8.7	5.9	8.7	10.7
82.5°	8.3	7.1	4.7	7.1	7.9
85°	4.7	5.1	2.8	5.1	4.7
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)