

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: P1324930

Luminaire Tested: LDSQA3D05R35W2N902750DE010 3LSQPHRLD1MW\_2700K

Issue Date: 1/29/2026

**Test Information**

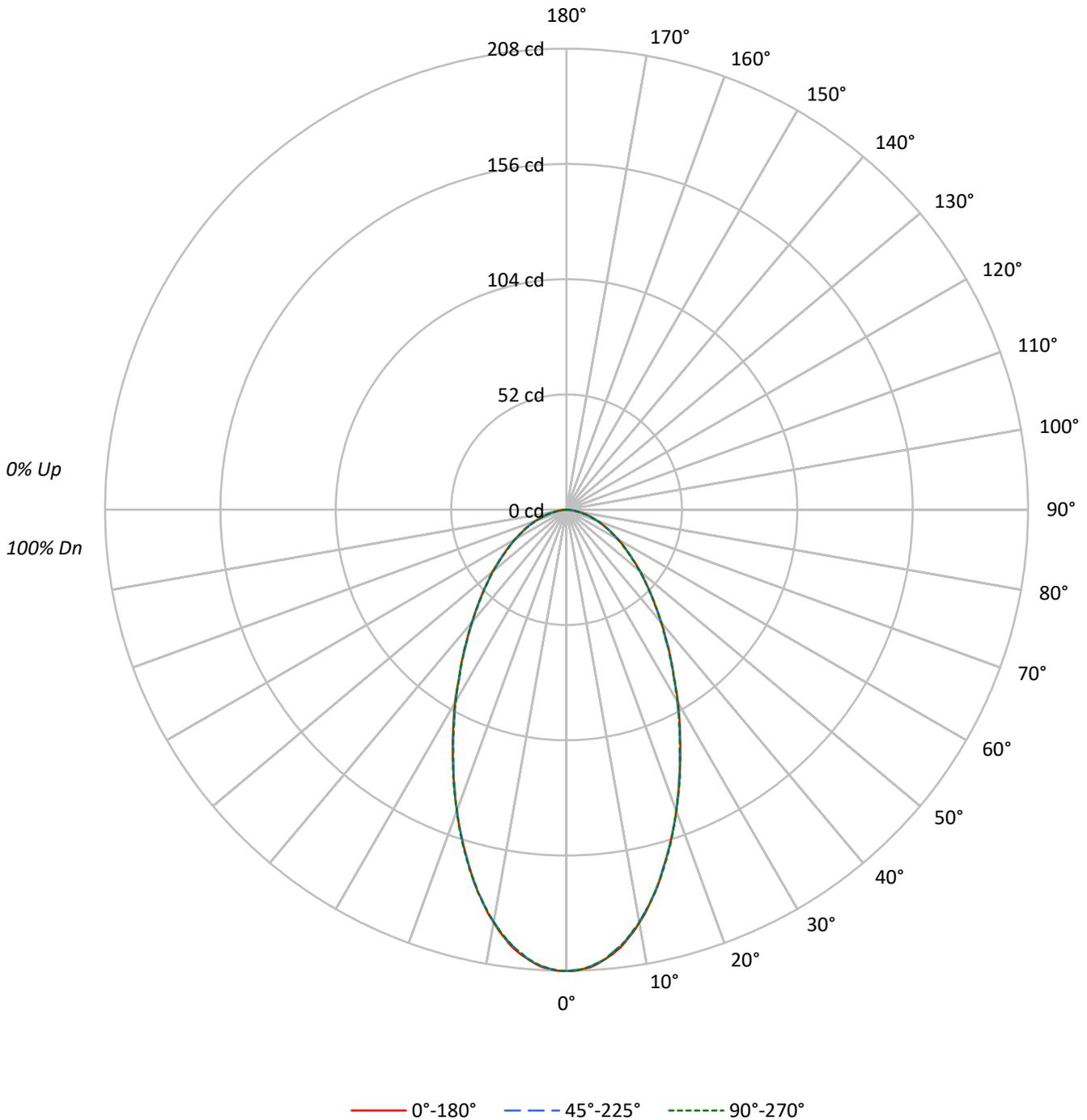
Test Method: LM-79-2019  
Report Number: P1324930  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D05R35W2N902750DE010 3LSQPHRLD1MW\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,  
3LSQPHRLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 278.0 lumens  
Efficiency: N/A  
Efficacy: 47.1 lumens/watt  
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92  
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





TEST NUMBER: P1324930

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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	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68
4	88	78	71	65	86	77	70	65	75	68	64	72	67	63	70	66	62	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	54
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	38
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	35

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	35840	35840	35840
5°	35164	35112	35164
10°	33070	33000	33070
15°	29936	29936	30008
20°	26502	26502	26502
25°	23050	22974	22974
30°	19986	19827	19906
35°	17198	17114	17198
40°	14928	14838	14928
45°	13104	13030	13030
50°	11628	11548	11548
55°	10239	10239	10239
60°	9266	9128	9266
65°	8354	8354	8354
70°	7402	7402	7402
75°	6654	6455	6654
80°	5653	5653	5653
85°	3557	3557	3557

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 13104 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	18.9	6.8
10°-20°	46.8	16.8
20°-30°	55.6	20.0
30°-40°	51.1	18.4
40°-50°	41.5	14.9
50°-60°	30.7	11.1
60°-70°	20.3	7.3
70°-80°	10.5	3.8
80°-90°	2.4	0.9
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°	121.4	43.7
0°-40°	172.6	62.1
0°-60°	244.8	88.1
0°-90°	278.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	278.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	208	208	208	208	208	
5°	203	203	203	203	203	19
15°	168	168	168	168	168	47
25°	121	121	121	121	121	56
35°	82	81	81	82	82	51
45°	54	54	54	54	54	42
55°	34	34	34	34	34	31
65°	20	20	20	20	20	20
75°	10	10	10	10	10	11
85°	2	2	2	2	2	2
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	208.1	208.1	208.1	208.1	208.1
1°	208.1	207.7	207.7	207.7	208.1
2°	207.4	207.4	207.4	207.4	207.4
3°	206.7	206.3	206.3	206.3	206.3
4°	205.2	204.9	204.9	204.9	204.9
5°	203.4	203.1	203.1	203.1	203.4
6°	201.3	200.9	200.6	200.6	200.9
7°	199.1	198.4	198.4	198.4	198.4
8°	195.9	195.5	195.5	195.5	195.5
9°	192.7	191.9	192.3	192.3	192.3
10°	189.1	188.7	188.7	188.7	189.1
11°	185.5	185.1	185.1	184.8	185.1
12°	181.2	181.2	181.2	181.2	181.2
13°	177.2	176.9	176.9	176.9	177.2
14°	172.9	172.6	172.6	172.6	172.6
15°	167.9	167.9	167.9	167.9	168.3
17.5°	156.4	156.1	156.4	156.4	156.8
20°	144.6	144.2	144.6	144.6	144.6
22.5°	132.7	132.7	132.4	132.7	133.1
25°	121.3	120.9	120.9	121.3	120.9
27.5°	110.5	110.1	110.1	110.1	110.1
30°	100.5	99.7	99.7	100.1	100.1
32.5°	90.1	90.1	90.4	90.1	90.1
35°	81.8	81.4	81.4	81.8	81.8
37.5°	73.6	73.2	73.2	73.6	73.6
40°	66.4	66.4	66.0	66.4	66.4
42.5°	59.6	59.6	59.6	59.6	59.6
45°	53.8	53.5	53.5	53.5	53.5
47.5°	48.1	48.1	48.1	47.7	48.1
50°	43.4	43.1	43.1	43.1	43.1
52.5°	38.4	38.4	38.4	38.4	38.4
55°	34.1	34.1	34.1	34.1	34.1
57.5°	30.5	30.1	30.1	30.1	30.1
60°	26.9	26.9	26.5	26.9	26.9
62.5°	23.3	23.3	23.3	23.3	23.3
65°	20.5	20.5	20.5	20.5	20.5
67.5°	17.6	17.6	17.6	17.6	17.6
70°	14.7	14.7	14.7	14.7	14.7
72.5°	12.6	12.2	12.2	12.2	12.2
75°	10.0	10.0	9.7	10.0	10.0
77.5°	7.5	7.5	7.5	7.5	7.5
80°	5.7	5.7	5.7	5.4	5.7
82.5°	3.6	3.6	3.6	3.6	3.6
85°	1.8	1.8	1.8	1.8	1.8
87.5°	0.4	0.4	0.4	0.7	0.7



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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)