

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: P1324556

Luminaire Tested: LDSQA3D05R25W2N902750DE010 3LSQPHRLD1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324556
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R25W2N902750DE010 3LSQPHRLD1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

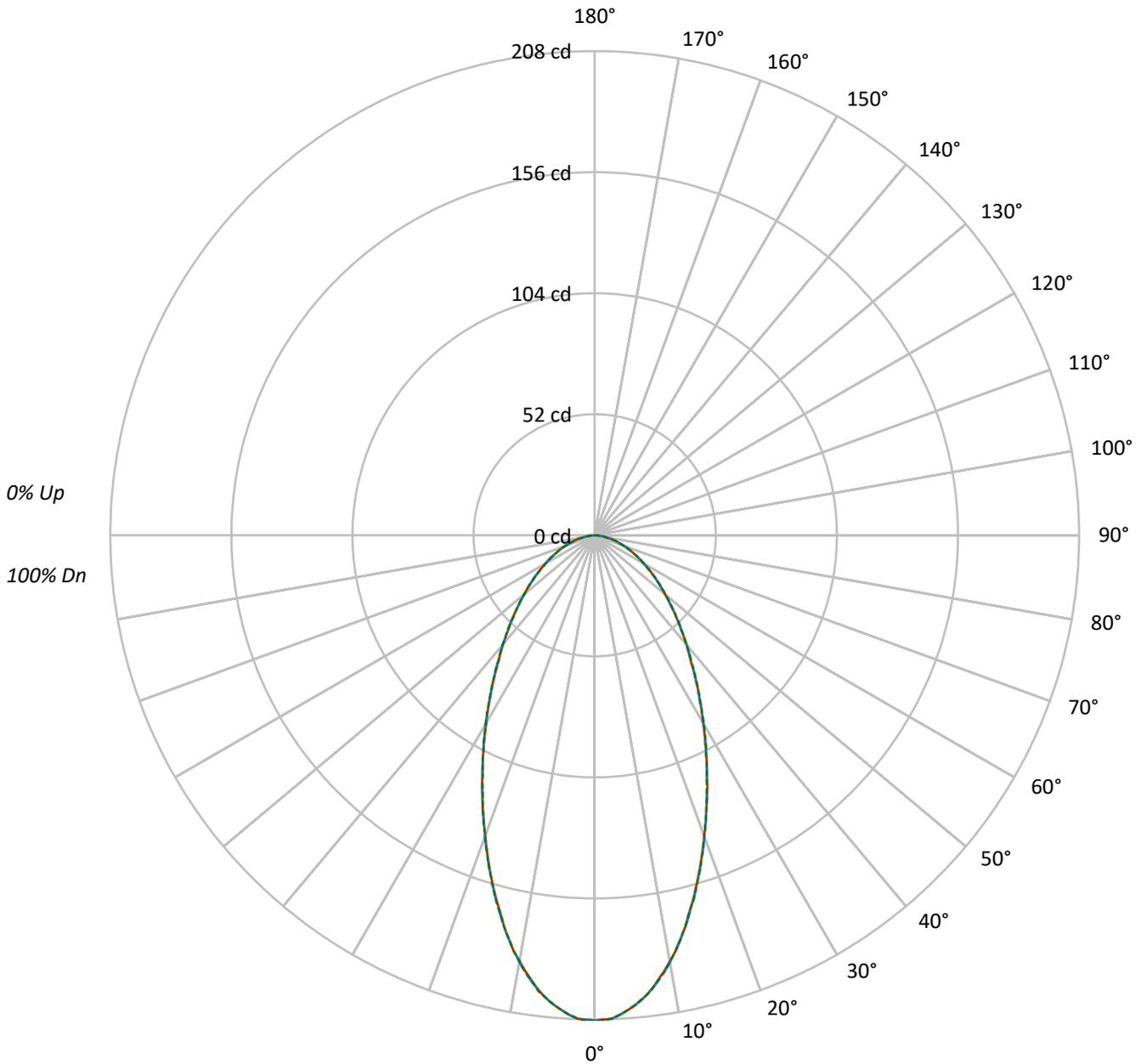
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 261.0 lumens
Efficiency: N/A
Efficacy: 44.2 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89
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	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	77
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	68
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	61
5	83	72	64	58	81	71	63	58	69	62	58	67	61	57	65	60	56	55
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	49
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	45
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	38
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	35908	35908	35908
5°	34991	34991	34991
10°	32510	32580	32510
15°	28991	29063	29063
20°	25200	25274	25200
25°	21720	21644	21644
30°	18514	18594	18654
35°	15895	15895	15958
40°	13782	13782	13782
45°	12032	12032	12032
50°	10556	10556	10664
55°	9458	9458	9458
60°	8404	8404	8404
65°	7580	7580	7580
70°	6848	6697	6848
75°	6188	5989	5989
80°	4959	4959	4959
85°	3557	3557	3557

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 12032 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.8	7.2
10°-20°	45.4	17.4
20°-30°	52.4	20.1
30°-40°	47.5	18.2
40°-50°	38.3	14.7
50°-60°	28.2	10.8
60°-70°	18.6	7.1
70°-80°	9.6	3.7
80°-90°	2.2	0.8
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°	116.6	44.7
0°-40°	164.2	62.9
0°-60°	230.7	88.4
0°-90°	261.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	261.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	208	208	208	208	208	
5°	202	203	202	202	202	19
15°	163	163	163	163	163	45
25°	114	114	114	114	114	52
35°	76	76	76	76	76	47
45°	49	49	49	49	49	38
55°	32	32	32	31	32	28
65°	19	19	19	19	19	19
75°	9	9	9	9	9	10
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°	208.5	208.5	208.5	208.5	208.5
1°	208.1	208.8	208.1	208.1	208.5
2°	207.8	208.1	207.8	207.8	207.8
3°	206.3	207.0	206.3	206.3	206.3
4°	204.5	205.2	204.5	204.5	204.5
5°	202.4	203.1	202.4	202.4	202.4
6°	199.9	200.2	199.9	199.9	199.9
7°	197.0	197.4	197.0	197.0	197.4
8°	193.4	193.8	193.8	193.4	193.4
9°	189.8	190.2	190.2	189.8	190.2
10°	185.9	186.3	186.3	185.9	185.9
11°	182.0	182.3	181.6	181.6	182.0
12°	177.3	177.7	177.3	177.3	177.3
13°	172.7	172.7	172.7	172.7	172.7
14°	167.3	168.0	168.0	167.6	167.3
15°	162.6	163.0	163.0	162.6	163.0
17.5°	150.1	150.8	150.4	150.4	150.4
20°	137.5	137.9	137.9	137.5	137.5
22.5°	125.7	125.4	125.4	125.4	125.4
25°	114.3	113.9	113.9	114.3	113.9
27.5°	103.2	103.5	103.5	103.2	103.5
30°	93.1	93.1	93.5	93.1	93.8
32.5°	84.2	84.2	83.8	84.2	84.2
35°	75.6	75.6	75.6	75.6	75.9
37.5°	67.7	68.1	68.4	68.4	68.1
40°	61.3	61.3	61.3	61.3	61.3
42.5°	54.8	54.8	55.2	55.2	55.2
45°	49.4	49.4	49.4	49.4	49.4
47.5°	44.4	44.4	44.1	44.1	44.4
50°	39.4	39.8	39.4	39.4	39.8
52.5°	35.5	35.1	35.1	35.5	35.5
55°	31.5	31.5	31.5	31.2	31.5
57.5°	27.9	27.9	27.6	27.6	27.6
60°	24.4	24.4	24.4	24.4	24.4
62.5°	21.5	21.5	21.5	21.5	21.5
65°	18.6	18.6	18.6	18.6	18.6
67.5°	16.1	16.1	16.1	16.1	15.8
70°	13.6	13.6	13.3	13.3	13.6
72.5°	11.1	11.1	11.1	11.1	11.1
75°	9.3	9.0	9.0	9.0	9.0
77.5°	7.2	7.2	6.8	7.2	6.8
80°	5.0	5.0	5.0	5.0	5.0
82.5°	3.6	3.2	3.2	3.2	3.2
85°	1.8	1.8	1.8	1.8	1.8
87.5°	0.4	0.4	0.4	0.4	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)