

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: P1324557

Luminaire Tested: LDSQA3D05R25W2N902750DE010 3LSQPHRLD1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324557
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_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

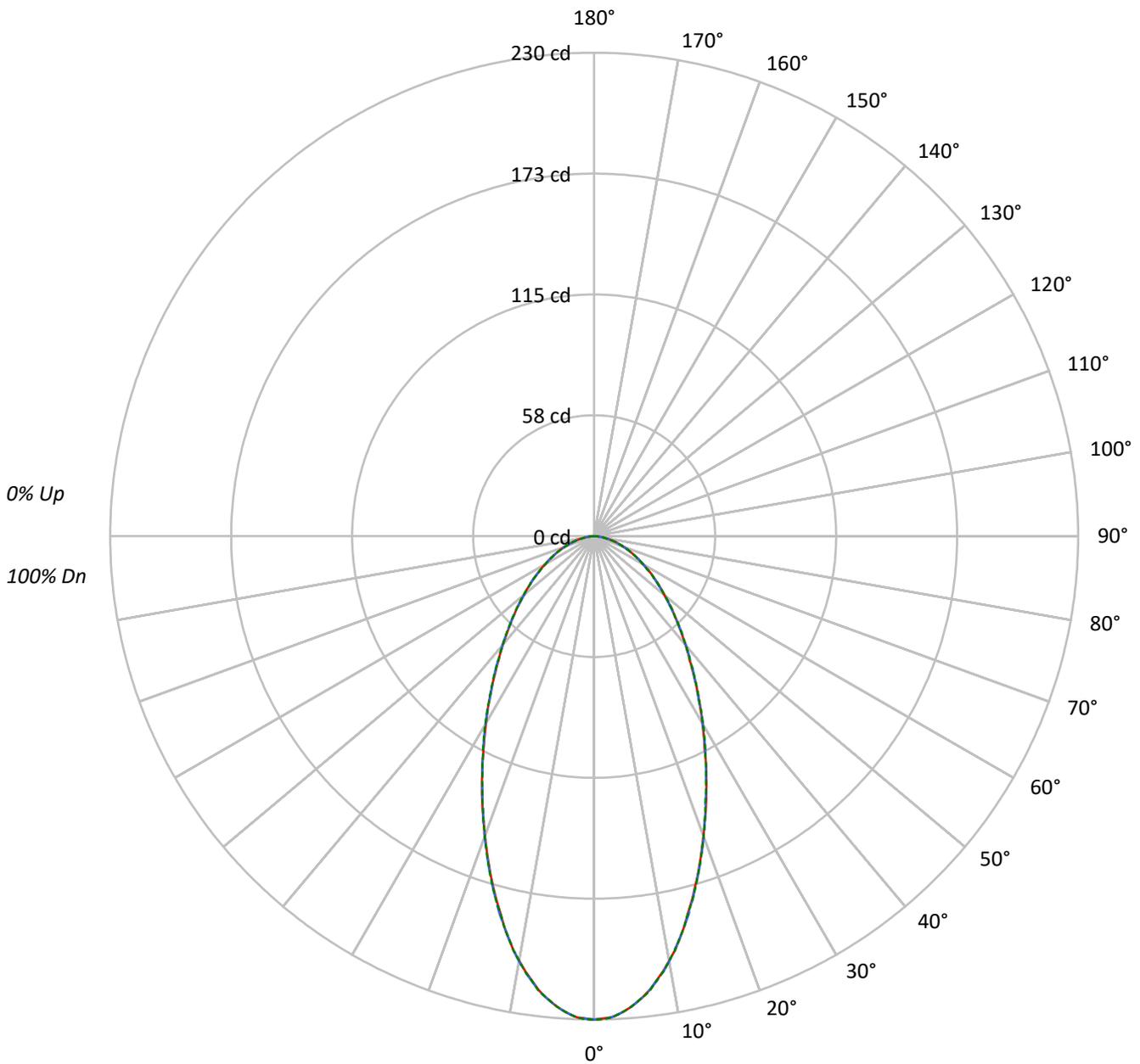
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 288.0 lumens
Efficiency: N/A
Efficacy: 48.8 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	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	111	107	103	100	108	105	102	99	101	98	96	97	95	93	93	92	90	90	90	90	88
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	79	79	79	77
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	70	70	70	68
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	63	63	63	61
5	83	72	64	58	81	71	63	58	69	62	58	67	61	57	65	60	56	56	56	56	55
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	51	51	51	49
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	47	47	47	45
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	43	43	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	40	40	40	38
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	37	37	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	39611	39611	39611
5°	38604	38604	38604
10°	35868	35938	35868
15°	31987	32058	32058
20°	27821	27895	27821
25°	23962	23886	23886
30°	20443	20523	20602
35°	17534	17534	17619
40°	15198	15198	15198
45°	13274	13274	13274
50°	11655	11655	11762
55°	10449	10449	10449
60°	9266	9266	9266
65°	8395	8395	8395
70°	7553	7352	7553
75°	6854	6588	6588
80°	5455	5455	5455
85°	3952	3952	3952

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 13274 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.8	7.2
10°-20°	50.1	17.4
20°-30°	57.9	20.1
30°-40°	52.5	18.2
40°-50°	42.3	14.7
50°-60°	31.1	10.8
60°-70°	20.5	7.1
70°-80°	10.6	3.7
80°-90°	2.4	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°	128.7	44.7
0°-40°	181.1	62.9
0°-60°	254.5	88.4
0°-90°	288.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	288.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	230	230	230	230	230	
5°	223	224	223	223	223	21
15°	179	180	180	179	180	50
25°	126	126	126	126	126	58
35°	83	83	83	83	84	52
45°	54	54	54	54	54	42
55°	35	35	35	34	35	31
65°	21	21	21	21	21	21
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°	230.0	230.0	230.0	230.0	230.0
1°	229.6	230.4	229.6	229.6	230.0
2°	229.2	229.6	229.2	229.2	229.2
3°	227.7	228.5	227.7	227.7	227.7
4°	225.7	226.5	225.7	225.7	225.7
5°	223.3	224.1	223.3	223.3	223.3
6°	220.6	220.9	220.6	220.6	220.6
7°	217.4	217.8	217.4	217.4	217.8
8°	213.4	213.8	213.8	213.4	213.4
9°	209.5	209.9	209.9	209.5	209.9
10°	205.1	205.5	205.5	205.1	205.1
11°	200.8	201.2	200.4	200.4	200.8
12°	195.6	196.0	195.6	195.6	195.6
13°	190.5	190.5	190.5	190.5	190.5
14°	184.6	185.4	185.4	185.0	184.6
15°	179.4	179.8	179.8	179.4	179.8
17.5°	165.6	166.4	166.0	166.0	166.0
20°	151.8	152.2	152.2	151.8	151.8
22.5°	138.7	138.3	138.3	138.3	138.3
25°	126.1	125.7	125.7	126.1	125.7
27.5°	113.8	114.2	114.2	113.8	114.2
30°	102.8	102.8	103.2	102.8	103.6
32.5°	92.9	92.9	92.5	92.9	92.9
35°	83.4	83.4	83.4	83.4	83.8
37.5°	74.7	75.1	75.5	75.5	75.1
40°	67.6	67.6	67.6	67.6	67.6
42.5°	60.5	60.5	60.9	60.9	60.9
45°	54.5	54.5	54.5	54.5	54.5
47.5°	49.0	49.0	48.6	48.6	49.0
50°	43.5	43.9	43.5	43.5	43.9
52.5°	39.1	38.7	38.7	39.1	39.1
55°	34.8	34.8	34.8	34.4	34.8
57.5°	30.8	30.8	30.4	30.4	30.4
60°	26.9	26.9	26.9	26.9	26.9
62.5°	23.7	23.7	23.7	23.7	23.7
65°	20.6	20.6	20.6	20.6	20.6
67.5°	17.8	17.8	17.8	17.8	17.4
70°	15.0	15.0	14.6	14.6	15.0
72.5°	12.3	12.3	12.3	12.3	12.3
75°	10.3	9.9	9.9	9.9	9.9
77.5°	7.9	7.9	7.5	7.9	7.5
80°	5.5	5.5	5.5	5.5	5.5
82.5°	4.0	3.6	3.6	3.6	3.6
85°	2.0	2.0	2.0	2.0	2.0
87.5°	0.4	0.4	0.4	0.4	0.8



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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)