

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: P1327770

Luminaire Tested: LDSQA3D13R25W2N902750DE010 3LSQPHRLD1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327770
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: LDSQA3D13R25W2N902750DE010 3LSQPHRLD1MW_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3500K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

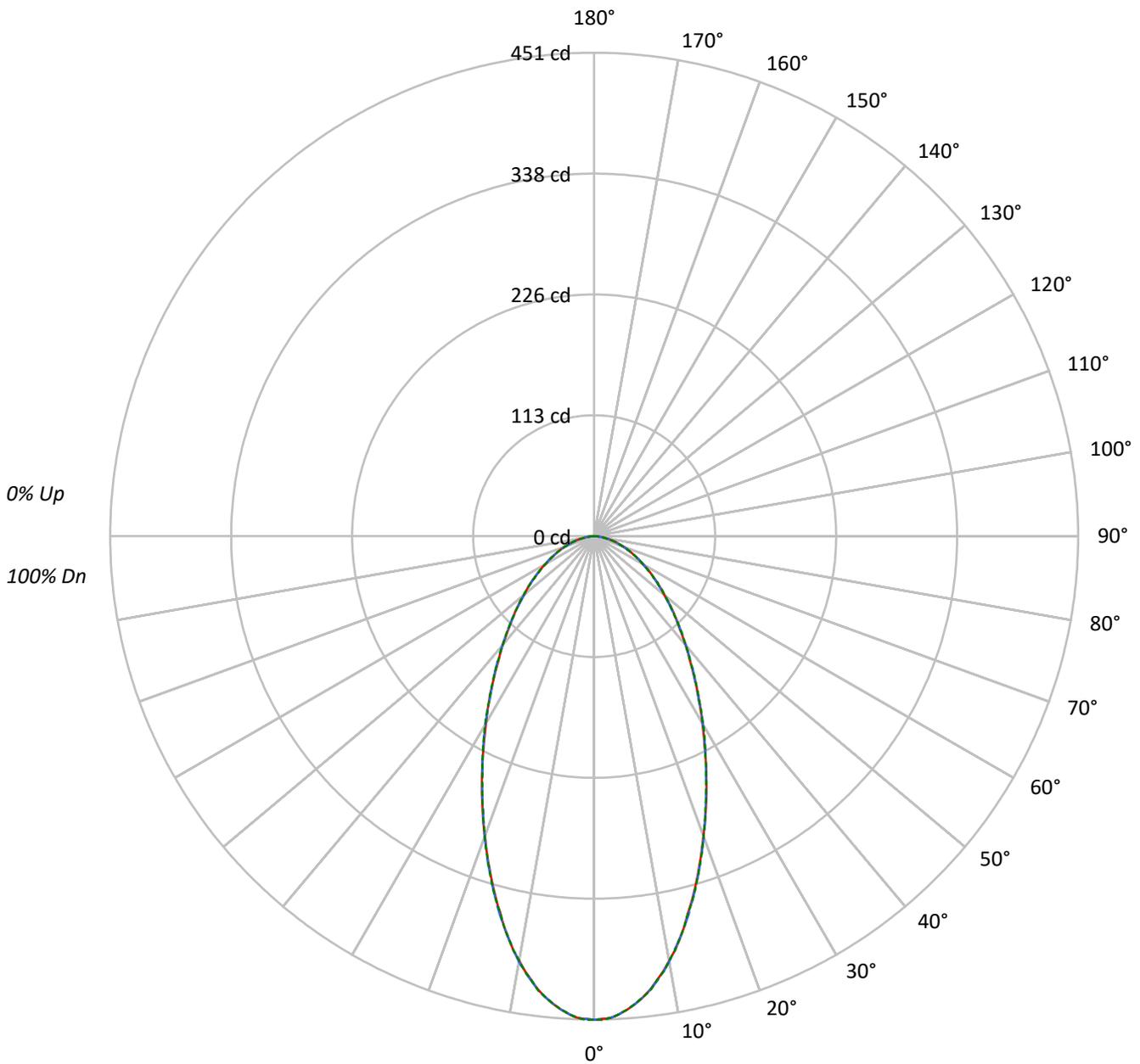
Lumens per Lamp: N/A
Luminaire Lumens: 565.0 lumens
Efficiency: N/A
Efficacy: 45.9 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	93	92	90	88
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	85	82	79	77
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	77	73	70	68
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	71	66	63	61
5	83	72	64	58	81	71	64	58	69	62	58	67	61	57	65	60	56	65	60	56	55
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	60	55	51	49
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	56	51	47	45
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	52	47	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	49	44	40	38
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	46	41	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	77724	77724	77724
5°	75739	75739	75739
10°	70371	70511	70371
15°	62761	62904	62904
20°	54579	54708	54579
25°	47013	46861	46861
30°	40091	40250	40409
35°	34396	34396	34564
40°	29811	29811	29811
45°	26061	26061	26061
50°	22855	22855	23069
55°	20478	20478	20478
60°	18152	18152	18152
65°	16423	16423	16423
70°	14855	14452	14855
75°	13441	12909	12909
80°	10811	10811	10811
85°	7707	7707	7707

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 26061 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.7	7.2
10°-20°	98.2	17.4
20°-30°	113.5	20.1
30°-40°	102.9	18.2
40°-50°	83.0	14.7
50°-60°	61.1	10.8
60°-70°	40.2	7.1
70°-80°	20.7	3.7
80°-90°	4.7	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°	252.4	44.7
0°-40°	355.3	62.9
0°-60°	499.4	88.4
0°-90°	565.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	565.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	451	451	451	451	451	
5°	438	440	438	438	438	41
15°	352	353	353	352	353	98
25°	247	247	247	247	247	114
35°	164	164	164	164	164	103
45°	107	107	107	107	107	83
55°	68	68	68	68	68	61
65°	40	40	40	40	40	40
75°	20	19	19	19	19	21
85°	4	4	4	4	4	5
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	451.3	451.3	451.3	451.3	451.3
1°	450.5	452.1	450.5	450.5	451.3
2°	449.7	450.5	449.7	449.7	449.7
3°	446.6	448.2	446.6	446.6	446.6
4°	442.8	444.3	442.8	442.8	442.8
5°	438.1	439.7	438.1	438.1	438.1
6°	432.7	433.5	432.7	432.7	432.7
7°	426.5	427.2	426.5	426.5	427.2
8°	418.7	419.5	419.5	418.7	418.7
9°	411.0	411.7	411.7	411.0	411.7
10°	402.4	403.2	403.2	402.4	402.4
11°	393.9	394.7	393.1	393.1	393.9
12°	383.8	384.6	383.8	383.8	383.8
13°	373.7	373.7	373.7	373.7	373.7
14°	362.1	363.7	363.7	362.9	362.1
15°	352.0	352.8	352.8	352.0	352.8
17.5°	324.9	326.4	325.7	325.7	325.7
20°	297.8	298.5	298.5	297.8	297.8
22.5°	272.2	271.4	271.4	271.4	271.4
25°	247.4	246.6	246.6	247.4	246.6
27.5°	223.3	224.1	224.1	223.3	224.1
30°	201.6	201.6	202.4	201.6	203.2
32.5°	182.2	182.2	181.4	182.2	182.2
35°	163.6	163.6	163.6	163.6	164.4
37.5°	146.6	147.3	148.1	148.1	147.3
40°	132.6	132.6	132.6	132.6	132.6
42.5°	118.6	118.6	119.4	119.4	119.4
45°	107.0	107.0	107.0	107.0	107.0
47.5°	96.2	96.2	95.4	95.4	96.2
50°	85.3	86.1	85.3	85.3	86.1
52.5°	76.8	76.0	76.0	76.8	76.8
55°	68.2	68.2	68.2	67.5	68.2
57.5°	60.5	60.5	59.7	59.7	59.7
60°	52.7	52.7	52.7	52.7	52.7
62.5°	46.5	46.5	46.5	46.5	46.5
65°	40.3	40.3	40.3	40.3	40.3
67.5°	34.9	34.9	34.9	34.9	34.1
70°	29.5	29.5	28.7	28.7	29.5
72.5°	24.0	24.0	24.0	24.0	24.0
75°	20.2	19.4	19.4	19.4	19.4
77.5°	15.5	15.5	14.7	15.5	14.7
80°	10.9	10.9	10.9	10.9	10.9
82.5°	7.8	7.0	7.0	7.0	7.0
85°	3.9	3.9	3.9	3.9	3.9
87.5°	0.8	0.8	0.8	0.8	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)