

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: P1327773

Luminaire Tested: LDSQA3D13R25W2N902750DE010 3LSQPHRLP1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327773
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: LDSQA3D13R25W2N902750DE010 3LSQPHRLP1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

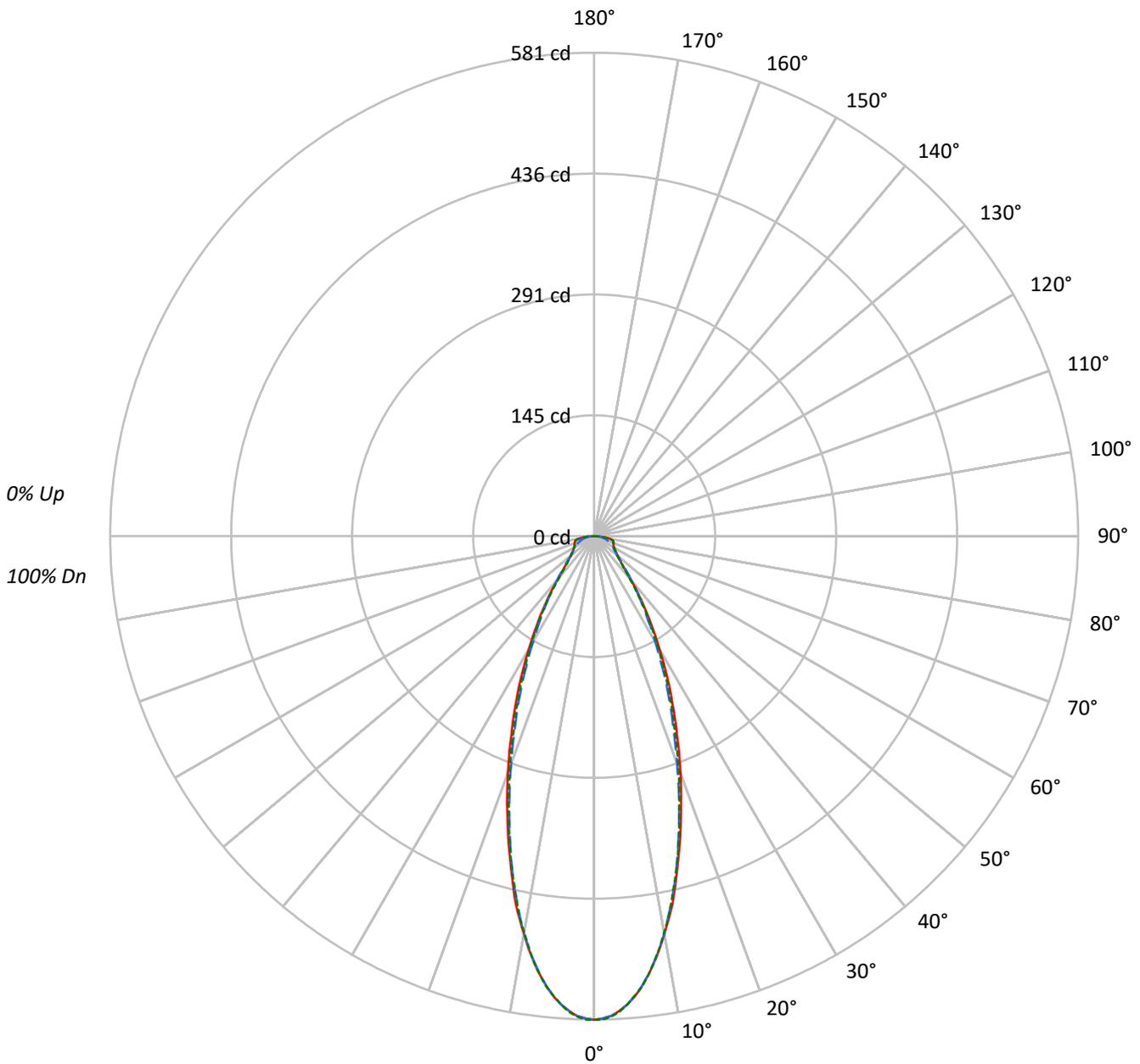
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 439.0 lumens
Efficiency: N/A
Efficacy: 35.7 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): 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	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°	100113	100113	100113
5°	96052	95931	95931
10°	84904	84799	84554
15°	70125	69126	69501
20°	55551	53260	54158
25°	42319	40077	41122
30°	31182	28975	30208
35°	22307	21298	21592
40°	15288	15603	14816
45°	11326	11983	11155
50°	9860	9860	9672
55°	9368	8948	9368
60°	9541	8852	9541
65°	10473	9047	10473
70°	12589	9064	12236
75°	15704	9715	15704
80°	19935	10315	18546
85°	16401	9683	16401

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 19935 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.7	11.6
10°-20°	107.8	24.5
20°-30°	98.8	22.5
30°-40°	65.1	14.8
40°-50°	37.9	8.6
50°-60°	27.7	6.3
60°-70°	23.5	5.4
70°-80°	19.4	4.4
80°-90°	8.0	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°	257.3	58.6
0°-40°	322.4	73.4
0°-60°	388.0	88.4
0°-90°	439.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	439.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	581	581	581	581	581	
5°	556	555	555	556	555	51
15°	393	392	388	389	390	109
25°	223	216	211	212	216	102
35°	106	104	101	101	103	67
45°	46	48	49	46	46	37
55°	31	31	30	30	31	28
65°	26	24	22	24	26	26
75°	24	18	15	18	24	25
85°	8	9	5	9	8	9
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	581.3	581.3	581.3	581.3	581.3
1°	579.9	579.9	579.9	579.9	581.3
2°	577.1	576.4	577.1	577.1	577.8
3°	571.6	571.6	571.6	571.6	572.9
4°	564.6	564.6	564.6	564.6	564.6
5°	555.6	554.9	554.9	555.6	554.9
6°	544.5	544.5	544.5	544.5	545.2
7°	532.0	531.3	531.3	530.6	532.0
8°	517.5	517.5	516.8	516.1	517.5
9°	502.2	502.9	501.5	500.8	500.8
10°	485.5	484.9	484.9	484.9	483.5
11°	468.9	466.8	466.1	466.1	467.5
12°	452.3	448.8	447.4	447.4	447.4
13°	432.1	430.7	428.7	427.3	428.0
14°	412.0	412.0	408.6	408.6	409.9
15°	393.3	391.9	387.7	389.1	389.8
17.5°	346.8	344.0	339.2	339.2	339.9
20°	303.1	298.3	290.6	294.1	295.5
22.5°	260.1	255.3	247.6	251.1	252.5
25°	222.7	216.4	210.9	211.6	216.4
27.5°	188.7	181.7	176.2	178.3	181.0
30°	156.8	152.6	145.7	149.1	151.9
32.5°	129.7	126.2	121.4	123.5	126.2
35°	106.1	104.0	101.3	101.3	102.7
37.5°	86.0	85.3	83.9	83.2	82.5
40°	68.0	69.4	69.4	68.0	65.9
42.5°	55.5	56.9	58.3	55.5	53.4
45°	46.5	47.9	49.2	46.5	45.8
47.5°	40.9	41.6	42.3	40.9	40.2
50°	36.8	36.8	36.8	36.1	36.1
52.5°	34.0	33.3	32.6	33.3	33.3
55°	31.2	31.2	29.8	30.5	31.2
57.5°	29.1	28.4	27.7	28.4	29.1
60°	27.7	26.4	25.7	26.4	27.7
62.5°	26.4	25.0	23.6	25.0	26.4
65°	25.7	23.6	22.2	23.6	25.7
67.5°	25.0	22.2	20.1	22.2	25.0
70°	25.0	20.8	18.0	20.8	24.3
72.5°	24.3	19.4	16.6	19.4	24.3
75°	23.6	18.0	14.6	18.0	23.6
77.5°	22.9	16.6	12.5	16.6	22.2
80°	20.1	15.3	10.4	15.3	18.7
82.5°	14.6	12.5	8.3	12.5	13.9
85°	8.3	9.0	4.9	9.0	8.3
87.5°	1.4	2.1	1.4	3.5	2.8



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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)