

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: P1327774

Luminaire Tested: LDSQA3D13R25W2N902750DE010 3LSQPHRLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327774
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_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

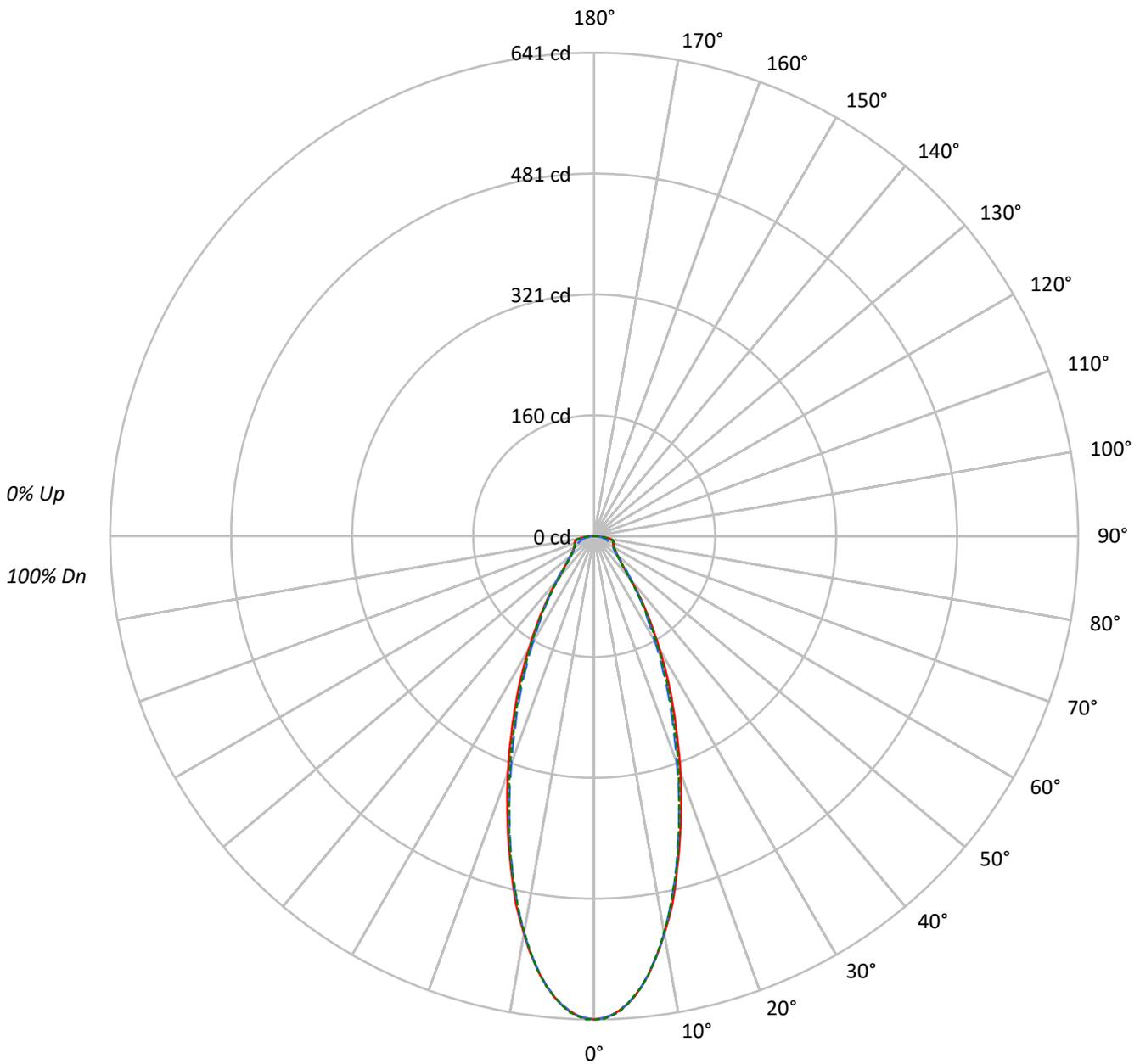
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 484.0 lumens
Efficiency: N/A
Efficacy: 39.4 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

TEST NUMBER: P1327774
CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHRLP1MW_3000K

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270°



TEST NUMBER: P1327774

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHRLP1MW_3000K

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°	110377	110377	110377
5°	105907	105768	105768
10°	93613	93491	93211
15°	77310	76222	76632
20°	61251	58721	59711
25°	46652	44181	45340
30°	34364	31938	33310
35°	24599	23484	23800
40°	16839	17199	16344
45°	12470	13225	12300
50°	10851	10851	10664
55°	10329	9879	10329
60°	10540	9748	10540
65°	11533	9984	11533
70°	13847	10021	13495
75°	17301	10713	17301
80°	22018	11406	20431
85°	18180	10671	18180

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 22018 cd/sqm



TEST NUMBER: P1327774

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHRLP1MW_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.9	11.6
10°-20°	118.8	24.6
20°-30°	108.9	22.5
30°-40°	71.8	14.8
40°-50°	41.8	8.6
50°-60°	30.5	6.3
60°-70°	25.9	5.4
70°-80°	21.5	4.4
80°-90°	8.8	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°	283.6	58.6
0°-40°	355.4	73.4
0°-60°	427.8	88.4
0°-90°	484.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	484.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	641	641	641	641	641	
5°	613	612	612	613	612	56
15°	434	432	428	429	430	120
25°	246	239	232	233	239	113
35°	117	115	112	112	113	74
45°	51	53	54	51	50	41
55°	34	34	33	34	34	31
65°	28	26	24	26	28	28
75°	26	20	16	20	26	27
85°	9	10	5	10	9	10
90°	0	0	0	0	0	



TEST NUMBER: P1327774

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHRLP1MW_3000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	640.9	640.9	640.9	640.9	640.9
1°	639.3	639.3	639.3	639.3	640.9
2°	636.3	635.5	636.3	636.3	637.0
3°	630.1	630.1	630.1	630.1	631.7
4°	622.5	622.5	622.5	622.5	622.5
5°	612.6	611.8	611.8	612.6	611.8
6°	600.3	600.3	600.3	600.3	601.1
7°	586.6	585.8	585.8	585.0	586.6
8°	570.5	570.5	569.7	569.0	570.5
9°	553.7	554.4	552.9	552.1	552.1
10°	535.3	534.6	534.6	534.6	533.0
11°	517.0	514.7	513.9	513.9	515.4
12°	498.6	494.8	493.3	493.3	493.3
13°	476.4	474.9	472.6	471.1	471.8
14°	454.3	454.3	450.4	450.4	452.0
15°	433.6	432.1	427.5	429.0	429.8
17.5°	382.4	379.3	374.0	374.0	374.7
20°	334.2	328.8	320.4	324.2	325.8
22.5°	286.8	281.4	273.0	276.8	278.4
25°	245.5	238.6	232.5	233.2	238.6
27.5°	208.0	200.4	194.2	196.5	199.6
30°	172.8	168.2	160.6	164.4	167.5
32.5°	143.0	139.2	133.8	136.1	139.2
35°	117.0	114.7	111.7	111.7	113.2
37.5°	94.8	94.1	92.5	91.8	91.0
40°	74.9	76.5	76.5	74.9	72.7
42.5°	61.2	62.7	64.2	61.2	58.9
45°	51.2	52.8	54.3	51.2	50.5
47.5°	45.1	45.9	46.6	45.1	44.4
50°	40.5	40.5	40.5	39.8	39.8
52.5°	37.5	36.7	35.9	36.7	36.7
55°	34.4	34.4	32.9	33.6	34.4
57.5°	32.1	31.4	30.6	31.4	32.1
60°	30.6	29.1	28.3	29.1	30.6
62.5°	29.1	27.5	26.0	27.5	29.1
65°	28.3	26.0	24.5	26.0	28.3
67.5°	27.5	24.5	22.2	24.5	27.5
70°	27.5	22.9	19.9	22.9	26.8
72.5°	26.8	21.4	18.4	21.4	26.8
75°	26.0	19.9	16.1	19.9	26.0
77.5°	25.2	18.4	13.8	18.4	24.5
80°	22.2	16.8	11.5	16.8	20.6
82.5°	16.1	13.8	9.2	13.8	15.3
85°	9.2	9.9	5.4	9.9	9.2
87.5°	1.5	2.3	1.5	3.8	3.1



TEST NUMBER: P1327774

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHRLP1MW_3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)