

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: P1327769

Luminaire Tested: LDSQA3D13R25W2N902750DE010 3LSQPHRLD1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327769
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_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

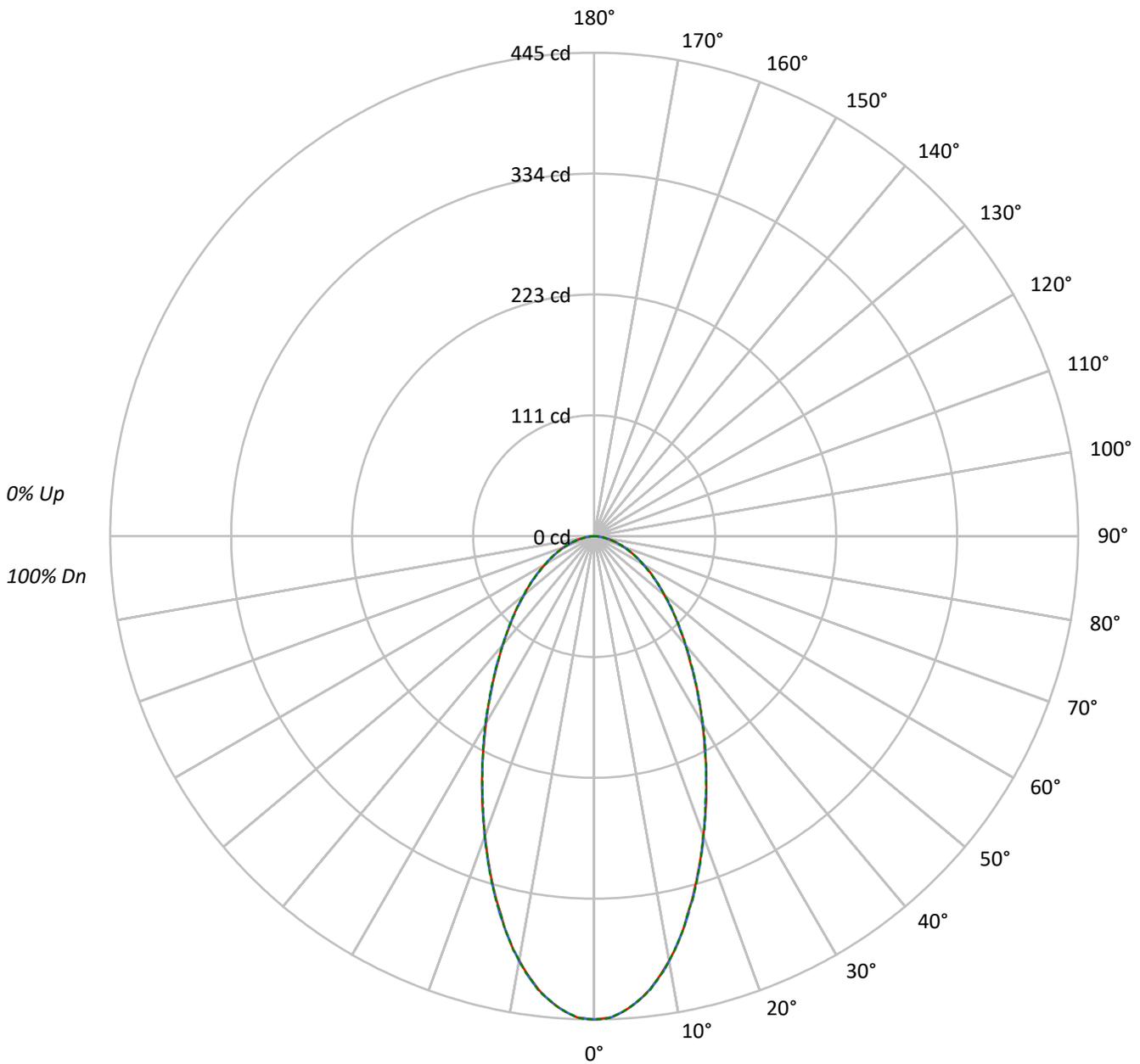
Lumens per Lamp: N/A
Luminaire Lumens: 557.0 lumens
Efficiency: N/A
Efficacy: 45.3 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1327769

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHRLD1MW_3000K

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - · 90°-270°



TEST NUMBER: P1327769

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPRLD1MW_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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100	
1	111	107	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	90	88	
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	79	77	
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	70	68	
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	63	61	
5	83	72	64	58	81	71	64	58	69	62	58	67	61	57	65	60	56	56	55	
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	51	49	
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	47	45	
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	43	41	
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	40	38	
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	37	35	

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	76622	76622	76622
5°	74667	74667	74667
10°	69375	69515	69375
15°	61887	62012	62012
20°	53791	53938	53791
25°	46348	46195	46195
30°	39534	39674	39833
35°	33913	33913	34081
40°	29384	29384	29384
45°	25696	25696	25696
50°	22533	22533	22747
55°	20208	20208	20208
60°	17911	17911	17911
65°	16219	16219	16219
70°	14603	14250	14603
75°	13242	12709	12709
80°	10612	10612	10612
85°	7509	7509	7509

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 25696 cd/sqm



TEST NUMBER: P1327769

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHRLD1MW_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.1	7.2
10°-20°	96.8	17.4
20°-30°	111.9	20.1
30°-40°	101.4	18.2
40°-50°	81.8	14.7
50°-60°	60.2	10.8
60°-70°	39.6	7.1
70°-80°	20.4	3.7
80°-90°	4.6	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°	248.9	44.7
0°-40°	350.3	62.9
0°-60°	492.3	88.4
0°-90°	557.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	557.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	445	445	445	445	445	
5°	432	433	432	432	432	40
15°	347	348	348	347	348	97
25°	244	243	243	244	243	112
35°	161	161	161	161	162	101
45°	106	106	106	106	106	82
55°	67	67	67	66	67	60
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	



TEST NUMBER: P1327769

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHRLD1MW_3000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	444.9	444.9	444.9	444.9	444.9
1°	444.1	445.7	444.1	444.1	444.9
2°	443.4	444.1	443.4	443.4	443.4
3°	440.3	441.8	440.3	440.3	440.3
4°	436.5	438.0	436.5	436.5	436.5
5°	431.9	433.4	431.9	431.9	431.9
6°	426.6	427.3	426.6	426.6	426.6
7°	420.4	421.2	420.4	420.4	421.2
8°	412.8	413.6	413.6	412.8	412.8
9°	405.1	405.9	405.9	405.1	405.9
10°	396.7	397.5	397.5	396.7	396.7
11°	388.3	389.1	387.6	387.6	388.3
12°	378.4	379.2	378.4	378.4	378.4
13°	368.5	368.5	368.5	368.5	368.5
14°	357.0	358.5	358.5	357.8	357.0
15°	347.1	347.8	347.8	347.1	347.8
17.5°	320.3	321.8	321.1	321.1	321.1
20°	293.5	294.3	294.3	293.5	293.5
22.5°	268.3	267.5	267.5	267.5	267.5
25°	243.9	243.1	243.1	243.9	243.1
27.5°	220.2	220.9	220.9	220.2	220.9
30°	198.8	198.8	199.5	198.8	200.3
32.5°	179.6	179.6	178.9	179.6	179.6
35°	161.3	161.3	161.3	161.3	162.1
37.5°	144.5	145.2	146.0	146.0	145.2
40°	130.7	130.7	130.7	130.7	130.7
42.5°	117.0	117.0	117.7	117.7	117.7
45°	105.5	105.5	105.5	105.5	105.5
47.5°	94.8	94.8	94.0	94.0	94.8
50°	84.1	84.9	84.1	84.1	84.9
52.5°	75.7	74.9	74.9	75.7	75.7
55°	67.3	67.3	67.3	66.5	67.3
57.5°	59.6	59.6	58.9	58.9	58.9
60°	52.0	52.0	52.0	52.0	52.0
62.5°	45.9	45.9	45.9	45.9	45.9
65°	39.8	39.8	39.8	39.8	39.8
67.5°	34.4	34.4	34.4	34.4	33.6
70°	29.0	29.0	28.3	28.3	29.0
72.5°	23.7	23.7	23.7	23.7	23.7
75°	19.9	19.1	19.1	19.1	19.1
77.5°	15.3	15.3	14.5	15.3	14.5
80°	10.7	10.7	10.7	10.7	10.7
82.5°	7.6	6.9	6.9	6.9	6.9
85°	3.8	3.8	3.8	3.8	3.8
87.5°	0.8	0.8	0.8	0.8	1.5



TEST NUMBER: P1327769

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHRLD1MW_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)