

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: P1320098

Luminaire Tested: LDSQA3D13R259840DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320098
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: LDSQA3D13R259840DE010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 98CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

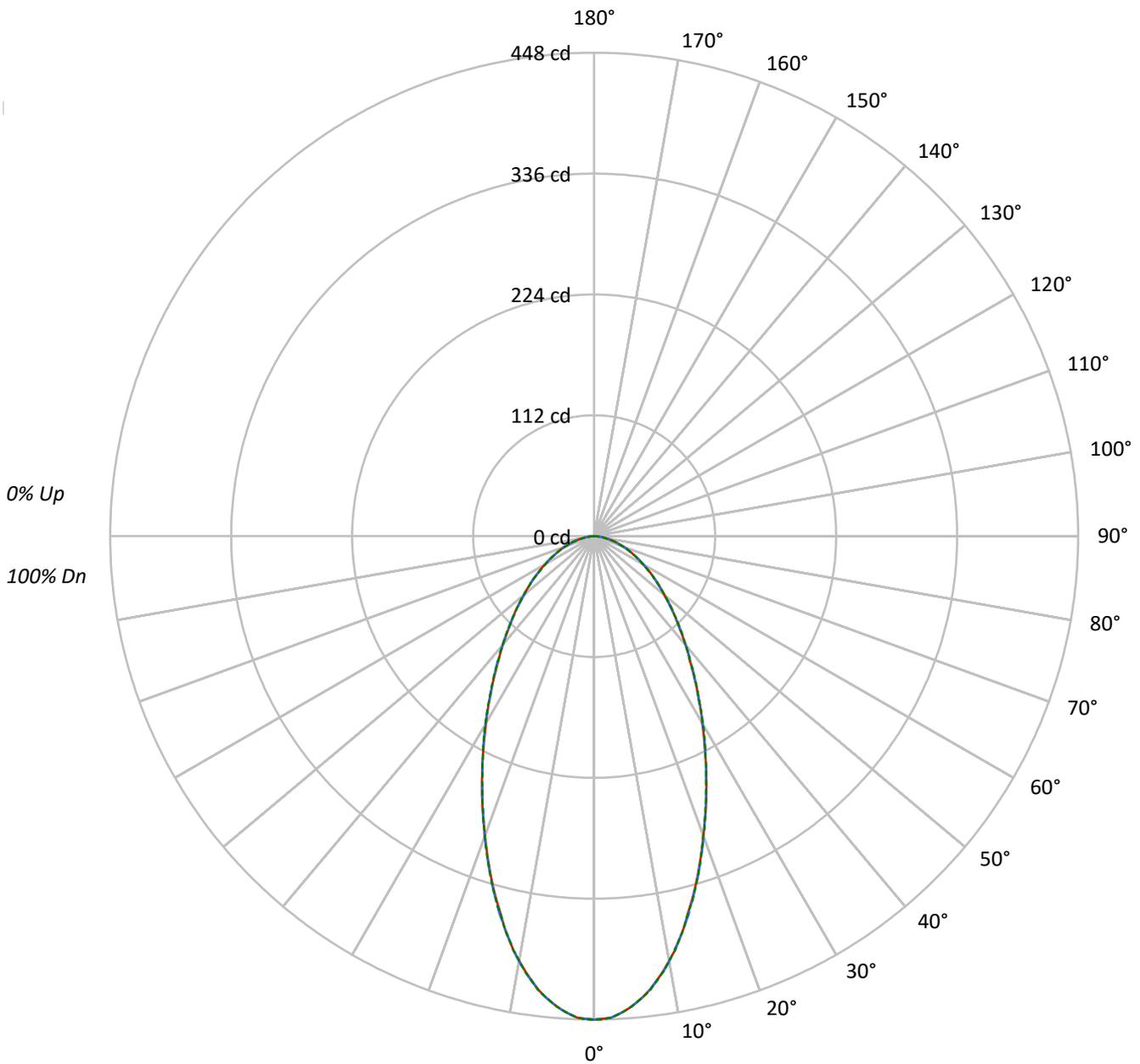
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 561.0 lumens
Efficiency: N/A
Efficacy: 38.7 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): 14.5
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% Up
100% Dn

— 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	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	64	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°	77173	77173	77173
5°	75203	75203	75203
10°	69882	70022	69882
15°	62315	62458	62458
20°	54176	54323	54176
25°	46671	46519	46519
30°	39813	39952	40111
35°	34165	34165	34312
40°	29609	29609	29609
45°	25866	25866	25866
50°	22694	22694	22908
55°	20358	20358	20358
60°	18049	18049	18049
65°	16301	16301	16301
70°	14754	14351	14754
75°	13308	12776	12776
80°	10711	10711	10711
85°	7509	7509	7509

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 25866 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.4	7.2
10°-20°	97.5	17.4
20°-30°	112.7	20.1
30°-40°	102.2	18.2
40°-50°	82.4	14.7
50°-60°	60.7	10.8
60°-70°	39.9	7.1
70°-80°	20.6	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°	250.7	44.7
0°-40°	352.8	62.9
0°-60°	495.9	88.4
0°-90°	561.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	561.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	448	448	448	448	448	
5°	435	436	435	435	435	40
15°	350	350	350	350	350	97
25°	246	245	245	246	245	113
35°	162	162	162	162	163	102
45°	106	106	106	106	106	82
55°	68	68	68	67	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°	448.1	448.1	448.1	448.1	448.1
1°	447.3	448.9	447.3	447.3	448.1
2°	446.6	447.3	446.6	446.6	446.6
3°	443.5	445.0	443.5	443.5	443.5
4°	439.6	441.2	439.6	439.6	439.6
5°	435.0	436.5	435.0	435.0	435.0
6°	429.6	430.4	429.6	429.6	429.6
7°	423.5	424.2	423.5	423.5	424.2
8°	415.8	416.5	416.5	415.8	415.8
9°	408.1	408.8	408.8	408.1	408.8
10°	399.6	400.4	400.4	399.6	399.6
11°	391.1	391.9	390.3	390.3	391.1
12°	381.1	381.9	381.1	381.1	381.1
13°	371.1	371.1	371.1	371.1	371.1
14°	359.6	361.1	361.1	360.3	359.6
15°	349.5	350.3	350.3	349.5	350.3
17.5°	322.6	324.1	323.4	323.4	323.4
20°	295.6	296.4	296.4	295.6	295.6
22.5°	270.2	269.5	269.5	269.5	269.5
25°	245.6	244.8	244.8	245.6	244.8
27.5°	221.7	222.5	222.5	221.7	222.5
30°	200.2	200.2	200.9	200.2	201.7
32.5°	180.9	180.9	180.2	180.9	180.9
35°	162.5	162.5	162.5	162.5	163.2
37.5°	145.5	146.3	147.1	147.1	146.3
40°	131.7	131.7	131.7	131.7	131.7
42.5°	117.8	117.8	118.6	118.6	118.6
45°	106.2	106.2	106.2	106.2	106.2
47.5°	95.5	95.5	94.7	94.7	95.5
50°	84.7	85.5	84.7	84.7	85.5
52.5°	76.2	75.5	75.5	76.2	76.2
55°	67.8	67.8	67.8	67.0	67.8
57.5°	60.1	60.1	59.3	59.3	59.3
60°	52.4	52.4	52.4	52.4	52.4
62.5°	46.2	46.2	46.2	46.2	46.2
65°	40.0	40.0	40.0	40.0	40.0
67.5°	34.6	34.6	34.6	34.6	33.9
70°	29.3	29.3	28.5	28.5	29.3
72.5°	23.9	23.9	23.9	23.9	23.9
75°	20.0	19.2	19.2	19.2	19.2
77.5°	15.4	15.4	14.6	15.4	14.6
80°	10.8	10.8	10.8	10.8	10.8
82.5°	7.7	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



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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)