

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: P1324084

Luminaire Tested: LDSQA3D17R409030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324084
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R409030D2WDE010 3LSQCDR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R40 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

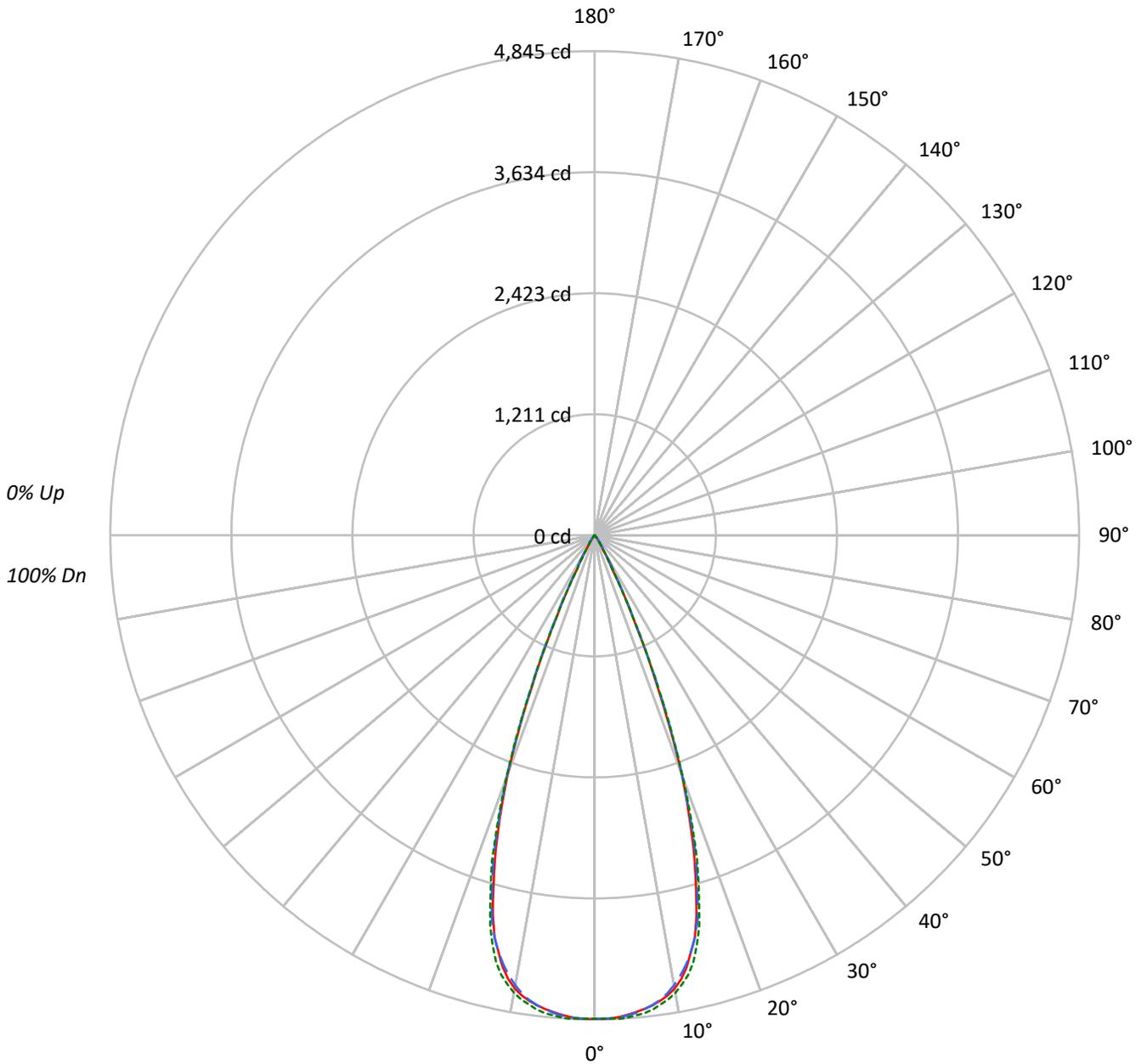
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2048.0 lumens
Efficiency: N/A
Efficacy: 75.0 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.6
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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				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	115	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98	98	98	98	96
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94	94	94	94	92
3	107	102	98	95	105	100	97	94	98	95	93	96	93	91	93	91	90	90	90	90	88
4	103	97	93	90	101	96	92	89	94	91	88	92	89	87	91	88	86	86	86	86	85
5	99	93	89	85	98	92	88	85	91	87	84	89	86	84	88	85	83	83	83	83	82
6	96	89	85	82	95	89	84	81	87	84	81	86	83	80	85	82	80	80	80	80	79
7	93	86	81	78	92	85	81	78	84	80	78	83	80	77	82	79	77	77	77	77	76
8	90	83	78	75	89	82	78	75	81	77	75	80	77	74	80	76	74	74	74	74	73
9	87	80	75	72	86	79	75	72	79	75	72	78	74	72	77	74	72	72	72	72	71
10	84	77	73	70	84	77	73	70	76	72	70	75	72	69	75	71	69	69	69	69	68

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	833385	833385	833385
5°	827856	829100	833578
10°	805442	799391	812752
15°	701781	708966	720021
20°	467463	469827	474317
25°	169960	175148	170777
30°	36094	48404	36094
35°	12720	21508	12110
40°	4541	6790	4541
45°	1047	2801	1047
50°	777	1152	777
55°	871	871	871
60°	999	999	999
65°	571	1182	571
70°	705	705	705
75°	932	932	932
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 2801 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	452.2	22.1
10°-20°	1053.7	51.5
20°-30°	474.2	23.2
30°-40°	54.0	2.6
40°-50°	7.7	0.4
50°-60°	2.6	0.1
60°-70°	2.2	0.1
70°-80°	1.3	0.1
80°-90°	0.0	0.0
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°	1980.1	96.7
0°-40°	2034.1	99.3
0°-60°	2044.5	99.8
0°-90°	2048.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2048.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4839	4839	4839	4839	4839	
5°	4789	4783	4796	4817	4822	452
15°	3936	3946	3976	4008	4038	1045
25°	894	900	922	922	899	463
35°	60	68	102	65	58	45
45°	4	7	12	7	4	6
55°	3	3	3	3	3	3
65°	1	3	3	3	1	2
75°	1	1	1	1	1	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4839.0	4839.0	4839.0	4839.0	4839.0
1°	4841.9	4837.6	4836.1	4844.8	4837.6
2°	4837.6	4834.7	4836.1	4844.8	4839.0
3°	4824.6	4826.0	4830.4	4846.2	4844.8
4°	4808.8	4807.3	4816.0	4836.1	4836.1
5°	4788.6	4782.8	4795.8	4817.4	4821.7
6°	4765.6	4758.4	4768.4	4795.8	4805.9
7°	4739.6	4725.2	4733.9	4767.0	4780.0
8°	4705.1	4686.3	4696.4	4729.5	4739.6
9°	4661.9	4633.1	4641.7	4682.0	4702.2
10°	4605.7	4569.7	4571.1	4615.8	4647.5
11°	4526.5	4486.2	4487.6	4543.8	4576.9
12°	4421.3	4385.3	4392.5	4444.4	4497.7
13°	4278.8	4268.7	4277.3	4333.5	4382.5
14°	4140.5	4130.4	4146.3	4198.1	4221.2
15°	3936.0	3946.1	3976.3	4008.0	4038.3
17.5°	3287.9	3326.8	3362.8	3384.4	3410.3
20°	2550.6	2505.9	2563.5	2537.6	2588.0
22.5°	1646.1	1679.2	1693.7	1679.2	1685.0
25°	894.4	900.1	921.7	921.7	898.7
27.5°	380.2	410.5	437.8	427.7	380.2
30°	181.5	208.8	243.4	210.3	181.5
32.5°	102.3	121.0	157.0	118.1	99.4
35°	60.5	67.7	102.3	64.8	57.6
37.5°	36.0	37.4	56.2	38.9	34.6
40°	20.2	24.5	30.2	24.5	20.2
42.5°	10.1	14.4	18.7	14.4	10.1
45°	4.3	7.2	11.5	7.2	4.3
47.5°	4.3	4.3	7.2	4.3	4.3
50°	2.9	2.9	4.3	2.9	2.9
52.5°	2.9	2.9	2.9	2.9	2.9
55°	2.9	2.9	2.9	2.9	2.9
57.5°	2.9	2.9	2.9	2.9	2.9
60°	2.9	2.9	2.9	2.9	2.9
62.5°	2.9	2.9	2.9	2.9	2.9
65°	1.4	2.9	2.9	2.9	1.4
67.5°	1.4	1.4	1.4	1.4	1.4
70°	1.4	1.4	1.4	1.4	1.4
72.5°	1.4	1.4	1.4	1.4	1.4
75°	1.4	1.4	1.4	1.4	1.4
77.5°	1.4	1.4	1.4	1.4	1.4
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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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)