

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: P1323739

Luminaire Tested: LDSQA3D09R259030D2WDE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323739
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R259030D2WDE010 3LSQCDR1MB
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

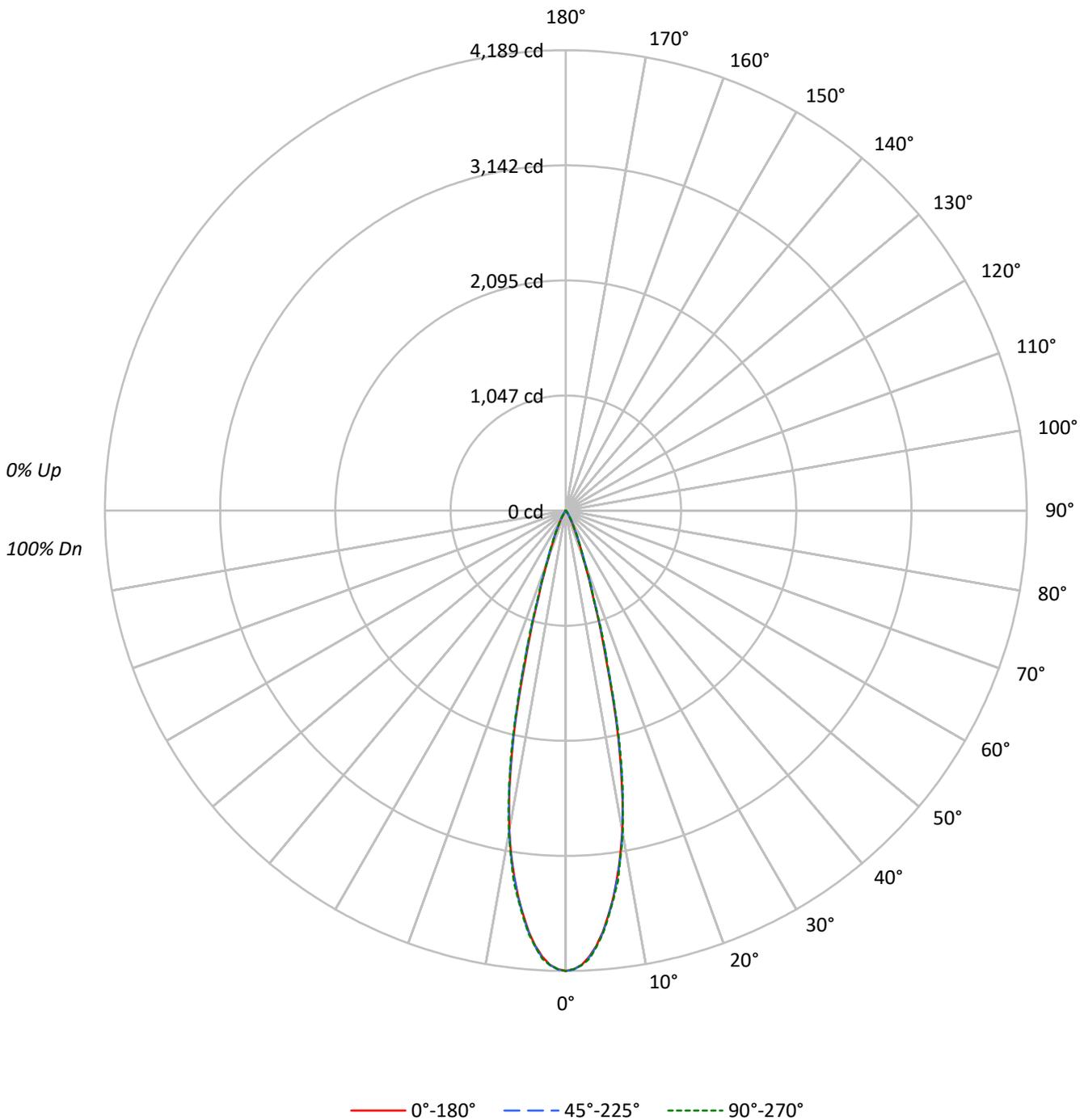
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 872.0 lumens
Efficiency: N/A
Efficacy: 59.3 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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





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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	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	99	99	99	97
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	96	96	96	94
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	96	94	93	92
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	94	92	90	89
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	92	90	88	87
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	90	87	85	84
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	88	85	83	82
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	86	83	81	80
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	84	81	79	78
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	82	79	77	77

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	721475	721475	721475
5°	665244	666748	668149
10°	516524	518395	521211
15°	255251	266003	266110
20°	85956	91711	87661
25°	35592	39545	36618
30°	13960	17560	14100
35°	3658	7169	3805
40°	1349	2855	1349
45°	170	804	170
50°	0	188	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 804 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	339.5	38.9
10°-20°	410.6	47.1
20°-30°	100.2	11.5
30°-40°	19.5	2.2
40°-50°	2.2	0.3
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
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°	850.3	97.5
0°-40°	869.8	99.7
0°-60°	872.0	100.0
0°-90°	872.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	872.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4189	4189	4189	4189	4189	
5°	3848	3853	3857	3874	3865	338
15°	1432	1466	1492	1507	1492	403
25°	187	197	208	199	193	95
35°	17	25	34	25	18	15
45°	1	2	3	2	1	1
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
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°	4189.2	4189.2	4189.2	4189.2	4189.2
1°	4173.2	4175.9	4176.5	4180.5	4172.5
2°	4135.0	4135.7	4137.7	4145.7	4138.4
3°	4064.8	4069.5	4070.1	4080.9	4082.9
4°	3969.1	3971.8	3977.2	3995.2	3979.2
5°	3848.0	3853.4	3856.7	3873.5	3864.8
6°	3698.2	3699.5	3706.9	3726.3	3714.2
7°	3545.7	3545.0	3545.7	3561.0	3557.7
8°	3361.7	3358.3	3369.0	3387.8	3400.5
9°	3169.7	3174.4	3181.1	3199.1	3184.4
10°	2953.6	2966.3	2964.3	2965.6	2980.4
11°	2704.7	2708.7	2709.4	2723.5	2721.5
12°	2412.4	2412.4	2434.5	2457.2	2449.8
13°	2117.4	2138.1	2123.4	2128.1	2157.5
14°	1773.5	1789.6	1809.6	1828.4	1813.6
15°	1431.6	1465.8	1491.9	1506.6	1492.5
17.5°	820.2	831.6	853.6	856.3	847.6
20°	469.0	483.0	500.4	495.1	478.3
22.5°	295.0	299.0	316.4	307.7	303.7
25°	187.3	197.4	208.1	199.4	192.7
27.5°	116.4	123.1	134.5	125.1	117.7
30°	70.2	76.3	88.3	75.6	70.9
32.5°	36.8	45.5	55.5	46.2	36.8
35°	17.4	24.8	34.1	24.8	18.1
37.5°	10.7	13.4	20.7	13.4	10.7
40°	6.0	8.7	12.7	8.7	6.0
42.5°	2.7	4.7	6.0	4.7	3.3
45°	0.7	2.0	3.3	2.0	0.7
47.5°	0.0	0.0	2.0	0.7	0.0
50°	0.0	0.0	0.7	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
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)