

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: P1323741

Luminaire Tested: LDSQA3D09R259030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323741
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R259030D2WDE010 3LSQCDR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

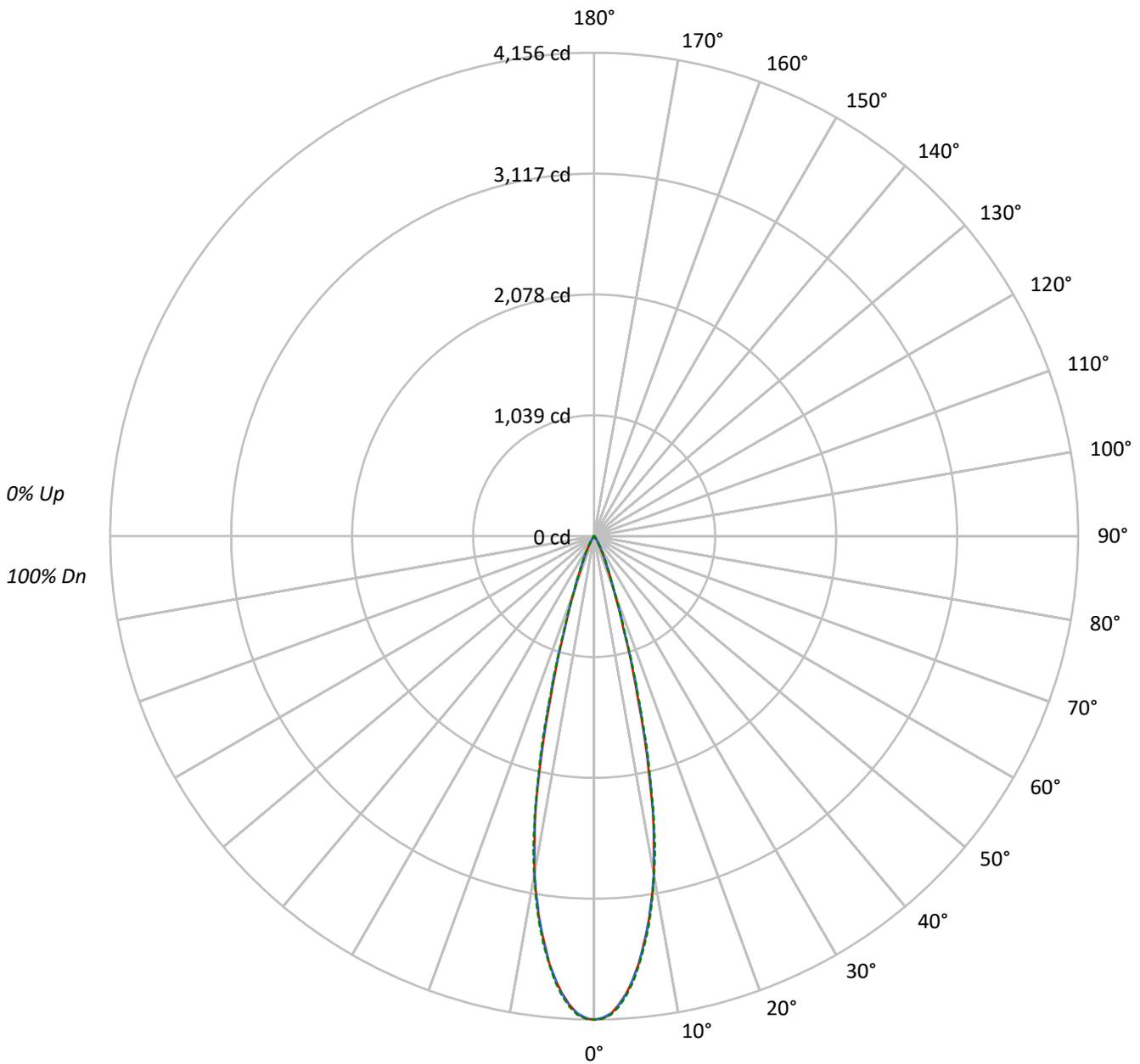
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 878.0 lumens
Efficiency: N/A
Efficacy: 59.7 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 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



— 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	115	113	111	110	113	111	109	108	107	106	105	103	102	102	100	99	99	99	99	99	97
2	112	108	105	103	110	107	104	102	103	101	100	101	99	97	98	97	95	95	95	95	94
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93	93	93	93	91
4	105	100	96	93	104	99	96	93	97	94	92	95	93	91	94	92	90	90	90	90	89
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	91	89	87	87	87	87	86
6	100	94	90	87	98	93	89	87	92	88	86	90	88	86	89	87	85	85	85	85	84
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	83	83	83	82
8	95	88	84	82	94	88	84	82	87	84	81	86	83	81	85	83	81	81	81	81	80
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79	79	79	79	78
10	90	84	80	78	89	84	80	77	83	80	77	82	79	77	82	79	77	77	77	77	76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	715775	715775	715775
5°	661147	660905	664605
10°	516454	515037	518553
15°	259816	270674	270425
20°	88907	91345	89878
25°	35725	40172	37245
30°	14497	17301	14100
35°	4226	7590	4226
40°	1956	3305	1956
45°	658	1315	658
50°	348	536	348
55°	390	390	390
60°	448	448	448
65°	285	285	285
70°	352	352	352
75°	466	466	466
80°	0	694	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1315 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	337.2	38.4
10°-20°	412.7	47.0
20°-30°	100.8	11.5
30°-40°	20.8	2.4
40°-50°	3.6	0.4
50°-60°	1.2	0.1
60°-70°	1.0	0.1
70°-80°	0.7	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°	850.7	96.9
0°-40°	871.5	99.3
0°-60°	876.4	99.8
0°-90°	878.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	878.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4156	4156	4156	4156	4156	
5°	3824	3828	3823	3831	3844	337
15°	1457	1482	1518	1525	1517	407
25°	188	197	211	199	196	96
35°	20	28	36	27	20	17
45°	3	4	5	4	3	3
55°	1	1	1	1	1	1
65°	1	1	1	1	1	1
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°	4156.1	4156.1	4156.1	4156.1	4156.1
1°	4148.1	4142.7	4141.4	4142.1	4148.7
2°	4110.6	4107.3	4106.6	4108.6	4118.0
3°	4034.3	4038.4	4039.7	4046.4	4051.1
4°	3940.7	3948.7	3945.4	3953.4	3958.7
5°	3824.3	3827.6	3822.9	3831.0	3844.3
6°	3688.4	3676.4	3687.8	3691.1	3700.5
7°	3519.2	3521.9	3525.9	3529.9	3543.9
8°	3352.6	3344.6	3342.5	3361.3	3372.7
9°	3157.9	3159.2	3151.9	3173.3	3176.6
10°	2953.2	2936.4	2945.1	2961.9	2965.2
11°	2682.9	2678.2	2690.9	2717.0	2737.7
12°	2429.3	2432.0	2445.4	2454.1	2449.4
13°	2094.1	2114.2	2130.9	2139.6	2128.2
14°	1791.0	1791.0	1812.4	1815.8	1856.6
15°	1457.2	1481.9	1518.1	1524.8	1516.7
17.5°	841.7	845.0	862.4	861.7	874.4
20°	485.1	489.7	498.4	496.4	490.4
22.5°	291.7	301.7	322.5	305.8	301.1
25°	188.0	196.7	211.4	199.4	196.0
27.5°	117.8	123.8	135.1	124.4	119.1
30°	72.9	76.3	87.0	76.9	70.9
32.5°	39.5	48.2	56.9	48.2	39.5
35°	20.1	28.1	36.1	27.4	20.1
37.5°	13.4	16.1	23.4	15.4	13.4
40°	8.7	10.7	14.7	10.7	8.7
42.5°	4.7	6.7	8.0	7.4	4.7
45°	2.7	4.0	5.4	4.0	2.7
47.5°	2.0	2.0	3.3	2.0	1.3
50°	1.3	1.3	2.0	1.3	1.3
52.5°	1.3	1.3	1.3	1.3	1.3
55°	1.3	1.3	1.3	1.3	1.3
57.5°	1.3	1.3	1.3	1.3	1.3
60°	1.3	1.3	1.3	1.3	1.3
62.5°	1.3	1.3	1.3	1.3	1.3
65°	0.7	1.3	0.7	0.7	0.7
67.5°	0.7	0.7	0.7	0.7	0.7
70°	0.7	0.7	0.7	0.7	0.7
72.5°	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7
80°	0.0	0.0	0.7	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)