

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: P1324002

Luminaire Tested: LDSQA3D17R159030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324002
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R159030D2WDE010 3LSQCDR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

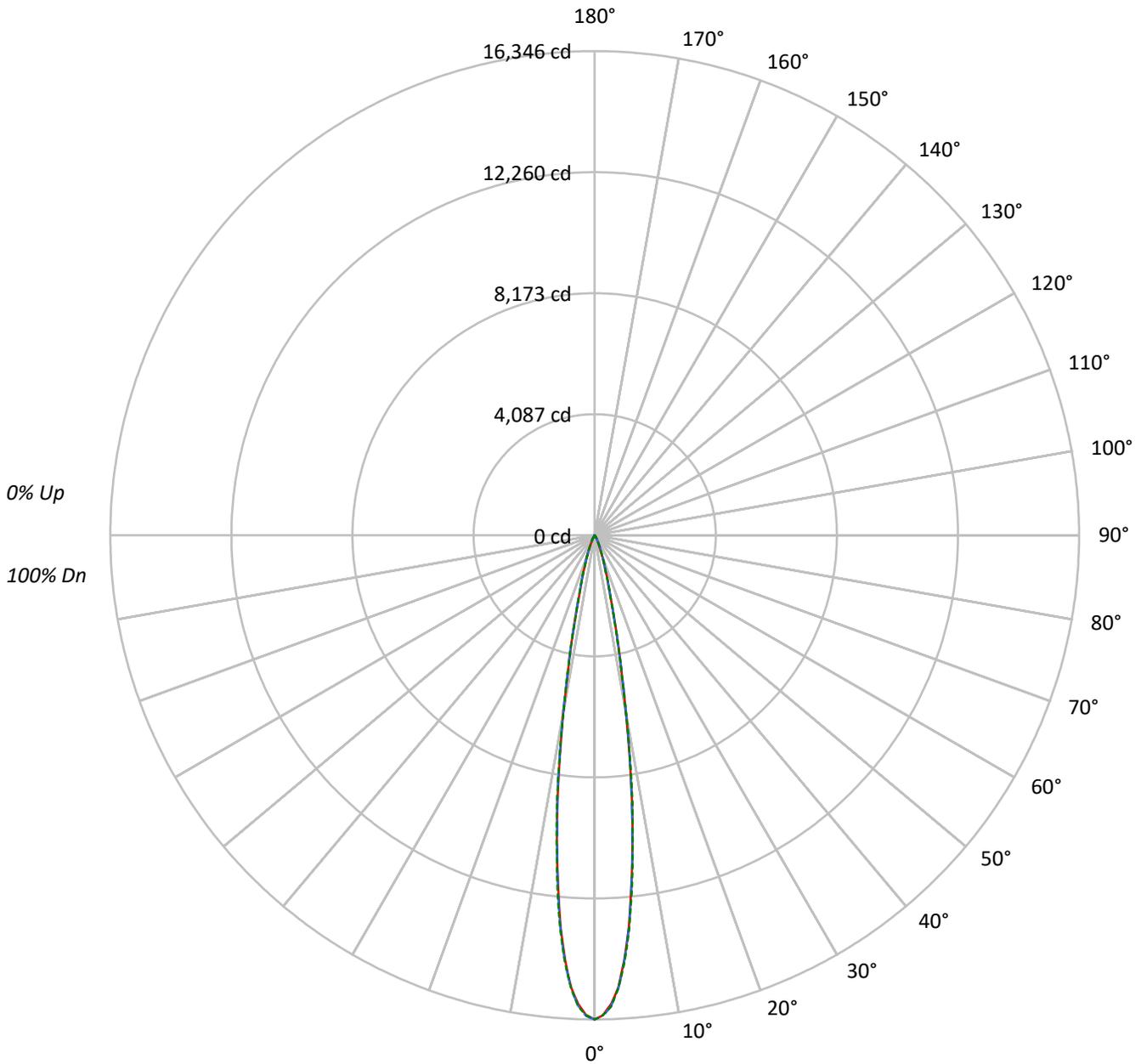
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1835.0 lumens
Efficiency: N/A
Efficacy: 67.2 lumens/watt
Spacing Criteria (0/90/45): 0.29 / 0.3 / 0.29
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				
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	116	114	112	111	113	112	110	109	108	107	105	104	103	102	101	100	99	99	98	98	98
2	112	109	107	105	110	108	105	103	105	103	101	102	100	99	99	98	97	99	98	97	96
3	110	106	103	100	108	104	102	99	102	100	98	100	98	96	98	96	95	98	96	95	94
4	107	102	99	97	106	101	98	96	100	97	95	98	96	94	96	94	93	96	94	93	92
5	105	100	96	94	103	99	96	93	97	95	93	96	94	92	95	93	91	95	93	91	90
6	102	97	94	91	101	97	93	91	95	92	90	94	92	90	93	91	89	93	91	89	88
7	100	95	92	89	99	94	91	89	93	91	89	92	90	88	92	89	88	92	89	88	87
8	98	93	90	87	98	93	89	87	92	89	87	91	88	87	90	88	86	90	88	86	85
9	97	91	88	86	96	91	88	85	90	87	85	89	87	85	89	86	85	89	86	85	84
10	95	89	86	84	94	89	86	84	89	86	84	88	85	84	87	85	83	87	85	83	83

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2815100	2815100	2815100
5°	2289076	2297046	2305016
10°	1066065	1067062	1061273
15°	329851	341655	335236
20°	131500	138905	129924
25°	55032	64894	52295
30°	22352	29790	20622
35°	7274	13624	6665
40°	2585	5508	2585
45°	1047	1754	1047
50°	777	1152	777
55°	871	871	871
60°	999	999	999
65°	571	571	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: 1754 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1023.1	55.8
10°-20°	611.7	33.3
20°-30°	155.7	8.5
30°-40°	33.8	1.8
40°-50°	5.5	0.3
50°-60°	2.6	0.1
60°-70°	1.6	0.1
70°-80°	0.9	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°	1790.6	97.6
0°-40°	1824.4	99.4
0°-60°	1832.5	99.9
0°-90°	1835.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1835.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	16346	16346	16346	16346	16346	
5°	13241	13260	13287	13226	13333	1021
15°	1850	1902	1916	1889	1880	609
25°	290	310	342	303	275	147
35°	35	45	65	43	32	27
45°	4	6	7	6	4	4
55°	3	3	3	3	3	3
65°	1	1	1	1	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°	16345.7	16345.7	16345.7	16345.7	16345.7
1°	16203.1	16230.5	16234.8	16230.5	16207.4
2°	15838.6	15919.3	15902.0	15867.4	15916.4
3°	15275.2	15315.6	15309.8	15312.7	15301.2
4°	14358.9	14429.5	14389.1	14419.4	14422.3
5°	13240.8	13259.6	13286.9	13226.4	13333.0
6°	11864.9	11984.5	11879.3	11983.0	12024.8
7°	10465.9	10535.0	10401.0	10473.1	10516.3
8°	9035.2	8914.1	8987.6	8989.1	9131.7
9°	7490.6	7515.1	7577.1	7506.5	7568.5
10°	6096.0	6152.2	6101.7	6077.2	6068.6
11°	4813.7	4877.1	4872.7	4879.9	4832.4
12°	3872.8	3839.7	3861.3	3790.7	3822.4
13°	3014.1	3015.6	2998.3	2969.5	2943.5
14°	2361.4	2347.0	2387.4	2351.4	2318.2
15°	1850.0	1901.8	1916.2	1888.9	1880.2
17.5°	1141.1	1142.5	1162.7	1136.8	1133.9
20°	717.5	734.8	757.9	730.5	708.9
22.5°	453.8	469.7	505.7	471.1	440.9
25°	289.6	309.8	341.5	302.6	275.2
27.5°	181.5	200.3	230.5	194.5	174.3
30°	112.4	125.3	149.8	122.5	103.7
32.5°	64.8	77.8	98.0	73.5	62.0
35°	34.6	44.7	64.8	43.2	31.7
37.5°	20.2	25.9	41.8	23.1	18.7
40°	11.5	15.8	24.5	14.4	11.5
42.5°	7.2	10.1	11.5	8.6	5.8
45°	4.3	5.8	7.2	5.8	4.3
47.5°	2.9	4.3	5.8	2.9	2.9
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°	1.4	1.4	1.4	1.4	1.4
65°	1.4	1.4	1.4	1.4	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°	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)