

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: P1317592

Luminaire Tested: LDSQA3D17R209827DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317592
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R209827DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 98CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

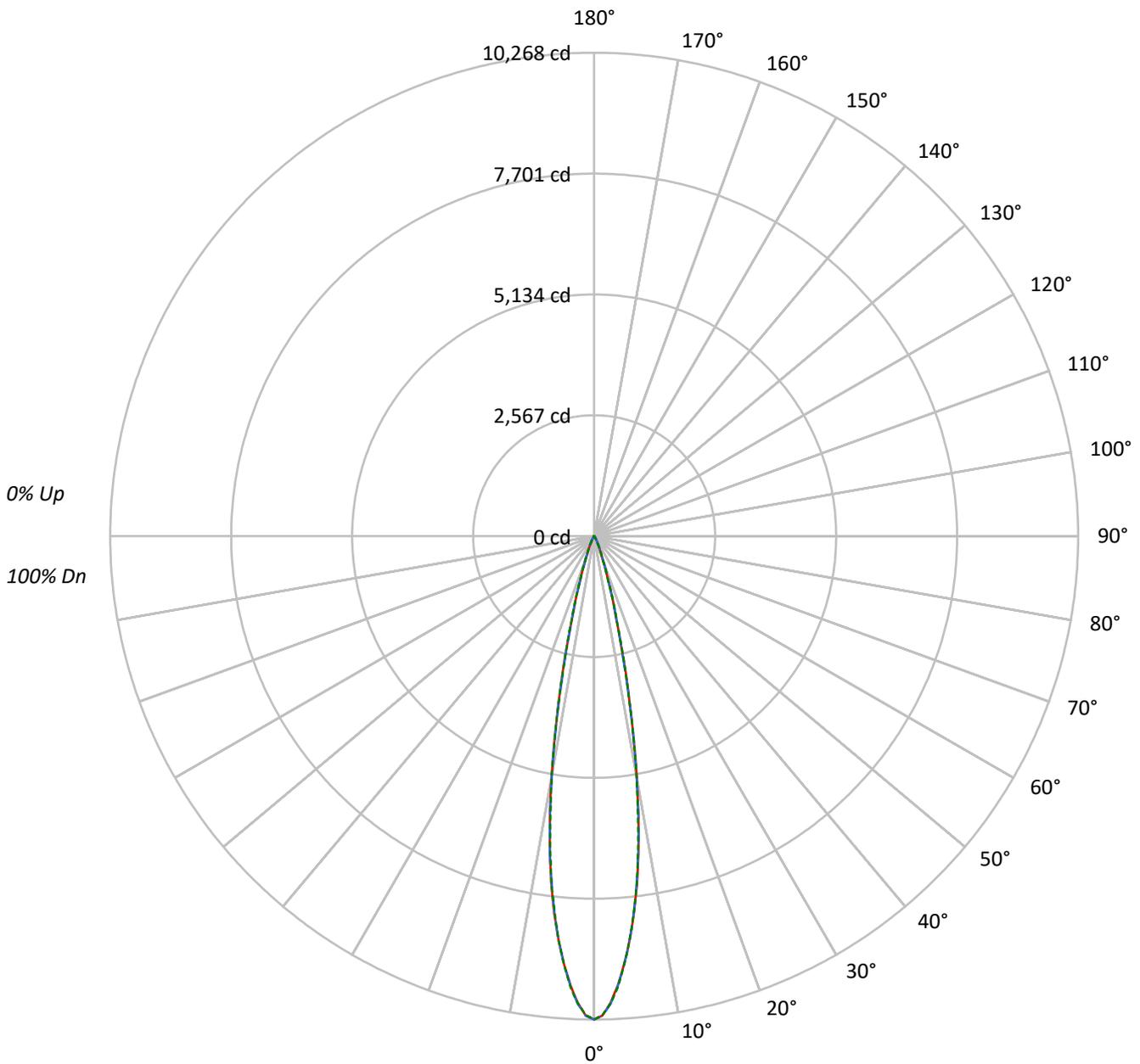
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1415.0 lumens
Efficiency: N/A
Efficacy: 69.4 lumens/watt
Spacing Criteria (0/90/45): 0.34 / 0.34 / 0.33
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
Input Voltage (V): NR
Input Current (A_{in}): 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

TEST NUMBER: P1317592
CATALOG NUMBER: LDSQA3D17R209827DE010 3LSQCDR1MW

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - · 90°-270°



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CATALOG NUMBER: LDSQA3D17R209827DE010 3LSQCDR1MW

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1768399	1768399	1768399
5°	1490489	1491060	1490299
10°	908271	904057	906173
15°	319938	321293	331260
20°	100527	103331	101131
25°	37663	41198	38689
30°	14597	20682	15233
35°	5529	9209	5992
40°	2945	3934	2945
45°	1072	1875	1340
50°	589	884	589
55°	661	661	661
60°	379	379	379
65°	448	448	448
70°	554	554	554
75°	0	0	732
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1875 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	712.8	50.4
10°-20°	558.9	39.5
20°-30°	109.8	7.8
30°-40°	24.6	1.7
40°-50°	5.6	0.4
50°-60°	1.8	0.1
60°-70°	1.1	0.1
70°-80°	0.5	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°	1381.4	97.6
0°-40°	1406.1	99.4
0°-60°	1413.5	99.9
0°-90°	1415.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1415.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	10268	10268	10268	10268	10268	
5°	8622	8629	8625	8654	8620	714
15°	1794	1802	1802	1841	1858	558
25°	198	211	217	214	204	104
35°	26	32	44	32	28	20
45°	4	7	8	7	6	4
55°	2	2	2	2	2	2
65°	1	1	1	1	1	1
75°	0	0	0	0	1	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	10268.1	10268.1	10268.1	10268.1	10268.1
1°	10184.9	10163.0	10188.1	10168.4	10172.8
2°	9921.0	9909.0	9941.8	9921.0	9932.0
3°	9554.3	9538.9	9563.0	9564.1	9594.8
4°	9116.3	9086.8	9122.9	9124.0	9129.5
5°	8621.5	8629.2	8624.8	8654.3	8620.4
6°	8065.3	8090.5	8057.7	8074.1	8027.0
7°	7443.5	7411.8	7395.3	7400.8	7433.6
8°	6757.1	6735.2	6759.3	6725.3	6702.3
9°	5994.0	5955.7	5982.0	5949.1	5916.3
10°	5193.7	5176.2	5169.6	5132.4	5181.7
11°	4391.2	4338.7	4364.9	4346.3	4400.0
12°	3640.2	3644.6	3593.1	3609.5	3616.1
13°	2962.5	2892.4	2901.2	2946.1	2953.8
14°	2298.0	2307.8	2311.1	2342.9	2361.5
15°	1794.4	1802.0	1802.0	1841.4	1857.9
17.5°	962.3	962.3	983.1	987.5	989.7
20°	548.5	551.8	563.8	562.7	551.8
22.5°	328.4	335.0	341.6	335.0	328.4
25°	198.2	211.3	216.8	213.5	203.6
27.5°	118.2	132.5	147.8	135.8	117.1
30°	73.4	81.0	104.0	83.2	76.6
32.5°	40.5	52.6	71.2	54.7	41.6
35°	26.3	31.7	43.8	31.7	28.5
37.5°	18.6	21.9	27.4	23.0	19.7
40°	13.1	15.3	17.5	16.4	13.1
42.5°	8.8	10.9	12.0	10.9	8.8
45°	4.4	6.6	7.7	6.6	5.5
47.5°	2.2	3.3	5.5	3.3	2.2
50°	2.2	2.2	3.3	2.2	2.2
52.5°	2.2	2.2	2.2	2.2	2.2
55°	2.2	2.2	2.2	2.2	2.2
57.5°	2.2	2.2	1.1	2.2	1.1
60°	1.1	1.1	1.1	1.1	1.1
62.5°	1.1	1.1	1.1	1.1	1.1
65°	1.1	1.1	1.1	1.1	1.1
67.5°	1.1	1.1	1.1	1.1	1.1
70°	1.1	1.1	1.1	1.1	1.1
72.5°	1.1	1.1	1.1	1.1	1.1
75°	0.0	0.0	0.0	0.0	1.1
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



TEST NUMBER: P1317592
CATALOG NUMBER: LDSQA3D17R209827DE010 3LSQCDR1MW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)