

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: P1324023

Luminaire Tested: LDSQA3D17R209030D2WDE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324023
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R209030D2WDE010 3LSQPHRLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

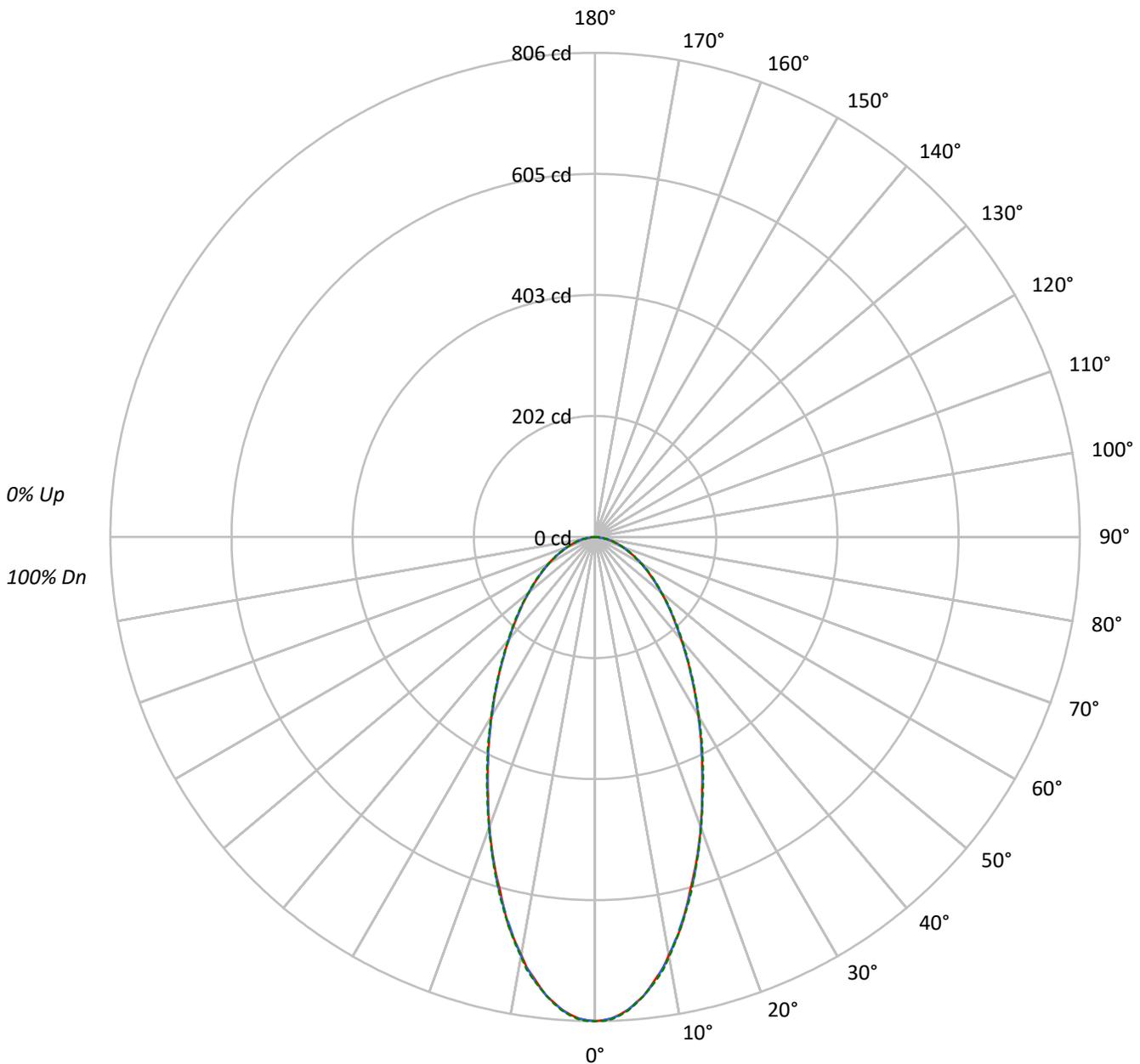
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 964.0 lumens
Efficiency: N/A
Efficacy: 35.3 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.86
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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88
2	103	96	91	86	100	94	89	85	91	87	83	88	84	81	85	82	79	77
3	96	87	80	75	93	85	79	74	82	77	73	80	75	72	77	74	70	68
4	89	79	71	66	87	78	71	65	75	69	65	73	68	64	71	67	63	61
5	83	72	64	59	81	71	64	58	69	63	58	67	62	57	65	61	57	55
6	78	66	59	53	76	65	58	53	64	57	52	62	56	52	61	56	52	50
7	73	61	54	48	71	60	53	48	59	53	48	58	52	48	56	51	47	46
8	69	57	49	44	67	56	49	44	55	49	44	54	48	44	53	47	43	42
9	65	53	46	41	63	52	46	41	51	45	41	50	45	40	49	44	40	39
10	61	50	43	38	60	49	42	38	48	42	38	47	42	38	46	41	37	36

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	138794	138794	138794
5°	134605	134605	134847
10°	123570	123832	124077
15°	108797	109315	109564
20°	94167	94167	94424
25°	80134	80134	80685
30°	68410	68111	68688
35°	58406	58406	58700
40°	50157	50157	50472
45°	43816	43816	44157
50°	38555	38555	38555
55°	34140	34140	34560
60°	30725	30725	30725
65°	27548	27548	27548
70°	24623	24623	24623
75°	22025	21094	22025
80°	18546	18546	18546
85°	11461	11461	14227

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 44157 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.1	7.5
10°-20°	170.6	17.7
20°-30°	194.3	20.2
30°-40°	174.5	18.1
40°-50°	139.8	14.5
50°-60°	102.7	10.7
60°-70°	67.1	7.0
70°-80°	34.8	3.6
80°-90°	8.1	0.8
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°	437.0	45.3
0°-40°	611.5	63.4
0°-60°	854.0	88.6
0°-90°	964.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	964.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	806	806	806	806	806	
5°	779	779	779	779	780	72
15°	610	610	613	613	614	171
25°	422	422	422	423	425	194
35°	278	278	278	278	279	174
45°	180	180	180	180	181	139
55°	114	114	114	114	115	102
65°	68	66	68	68	68	67
75°	33	32	32	33	33	35
85°	6	6	6	7	7	8
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	805.9	805.9	805.9	805.9	805.9
1°	804.5	803.1	804.5	804.5	805.9
2°	801.6	801.6	801.6	800.2	803.1
3°	795.9	795.9	797.3	795.9	797.3
4°	788.7	788.7	788.7	787.2	790.1
5°	778.6	778.6	778.6	778.6	780.0
6°	768.5	767.1	768.5	767.1	768.5
7°	754.1	754.1	755.6	754.1	755.6
8°	739.7	738.3	741.2	739.7	742.6
9°	725.4	723.9	725.4	723.9	728.2
10°	706.6	708.1	708.1	708.1	709.5
12.5°	663.5	660.6	660.6	660.6	663.5
15°	610.2	610.2	613.1	613.1	614.5
17.5°	562.7	561.3	564.2	564.2	564.2
20°	513.8	512.4	513.8	513.8	515.2
22.5°	464.9	466.3	466.3	466.3	467.7
25°	421.7	421.7	421.7	423.1	424.6
27.5°	381.4	379.9	381.4	382.8	384.3
30°	344.0	342.5	342.5	344.0	345.4
32.5°	309.4	308.0	309.4	309.4	310.9
35°	277.8	277.8	277.8	277.8	279.2
37.5°	249.0	249.0	249.0	250.4	250.4
40°	223.1	223.1	223.1	224.5	224.5
42.5°	200.0	200.0	200.0	201.5	202.9
45°	179.9	179.9	179.9	179.9	181.3
47.5°	161.2	161.2	161.2	162.6	162.6
50°	143.9	142.5	143.9	145.4	143.9
52.5°	128.1	128.1	128.1	128.1	129.5
55°	113.7	113.7	113.7	113.7	115.1
57.5°	100.7	100.7	100.7	102.2	102.2
60°	89.2	89.2	89.2	89.2	89.2
62.5°	77.7	77.7	77.7	77.7	77.7
65°	67.6	66.2	67.6	67.6	67.6
67.5°	57.6	57.6	57.6	57.6	57.6
70°	48.9	48.9	48.9	48.9	48.9
72.5°	40.3	40.3	40.3	40.3	40.3
75°	33.1	31.7	31.7	33.1	33.1
77.5°	25.9	24.5	25.9	25.9	25.9
80°	18.7	18.7	18.7	18.7	18.7
82.5°	11.5	11.5	11.5	13.0	13.0
85°	5.8	5.8	5.8	7.2	7.2
87.5°	1.4	1.4	1.4	2.9	2.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)