

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: P1311947

Luminaire Tested: LDSQA3D24R359040D010 3LSQCDR1MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1311947  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D24R359040D010 3LSQCDR1MMS  
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , 3LSQCDR1MMS TRIM  
Light Source: -  
Ballast/Driver: -

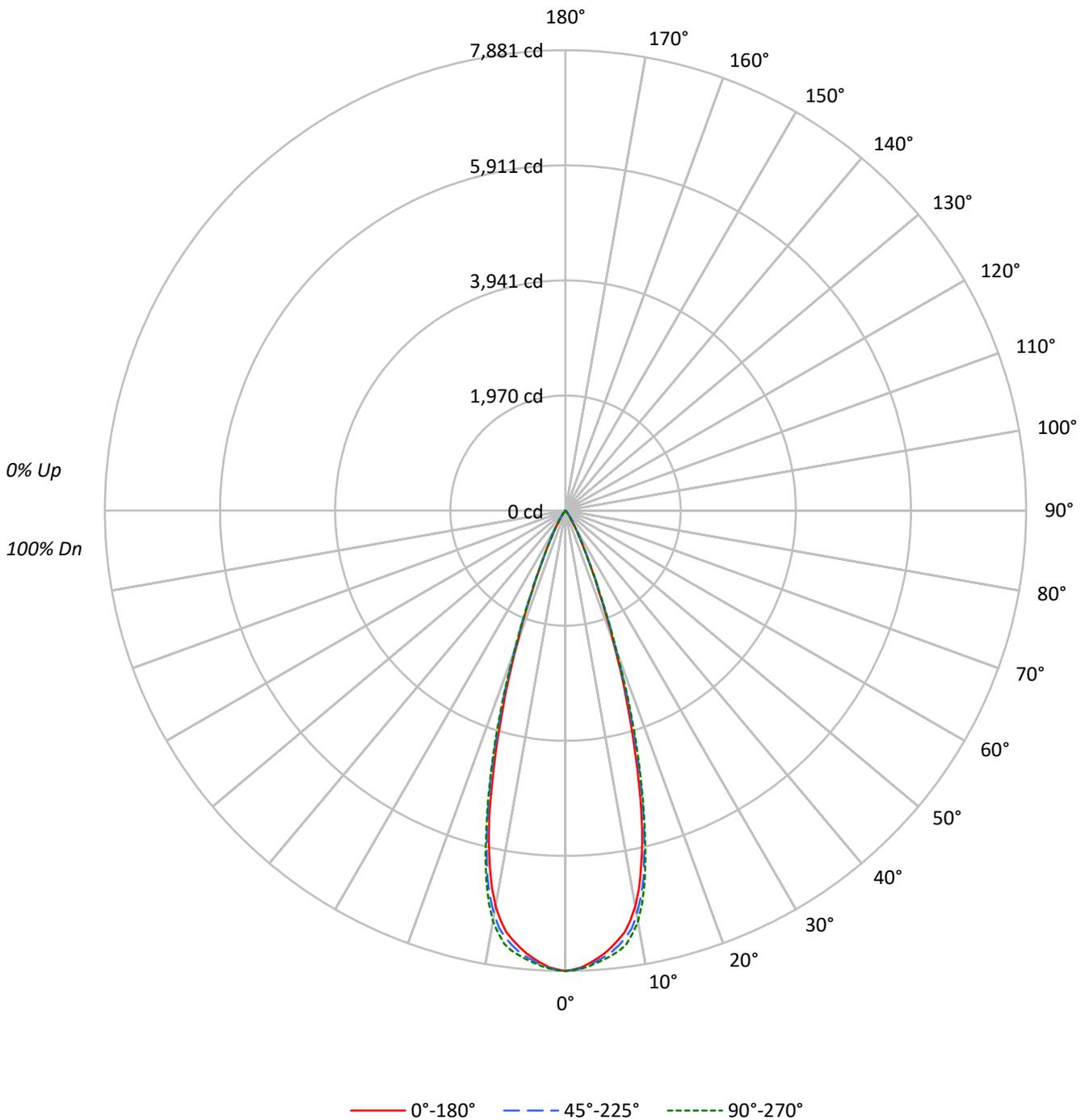
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2624.0 lumens  
Efficiency: N/A  
Efficacy: 91.1 lumens/watt  
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 28.8  
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

TEST NUMBER: P1311947  
CATALOG NUMBER: LDSQA3D24R359040D010 3LSQCDR1MMS

### Luminous Intensity Polar Plot





TEST NUMBER: P1311947

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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	100	100	100	100
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	96	96	96
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	93	93	93
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	89	89	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	86	86	86
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	83	83	83
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	80	80	80
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	78	78	78	78
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	75	75	75	75
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	73	73	73	73
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	71	71	71	71

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	1357287	1357287	1357287
5°	1316122	1325458	1332649
10°	1202681	1228126	1249199
15°	864888	902687	910104
20°	440319	462422	463559
25°	167052	170606	165874
30°	64890	75231	63239
35°	22286	34964	20982
40°	7487	13557	7014
45°	511	4555	511
50°	0	563	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: 4555 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	713.4	27.2
10°-20°	1329.2	50.7
20°-30°	477.7	18.2
30°-40°	93.3	3.6
40°-50°	10.4	0.4
50°-60°	0.1	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°	2520.3	96.0
0°-40°	2613.6	99.6
0°-60°	2624.0	100.0
0°-90°	2624.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2624.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	7881	7881	7881	7881	7881	
5°	7613	7634	7667	7702	7708	705
15°	4851	4932	5063	5098	5104	1289
25°	879	887	898	892	873	461
35°	106	120	166	123	100	79
45°	2	6	19	6	2	5
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



TEST NUMBER: P1311947

CATALOG NUMBER: LDSQA3D24R359040D010 3LSQCDR1MMS

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	7881.0	7881.0	7881.0	7881.0	7881.0
1°	7858.1	7868.5	7870.6	7885.2	7868.5
2°	7824.9	7831.1	7839.4	7851.9	7843.6
3°	7760.5	7772.9	7791.6	7808.3	7808.3
4°	7691.9	7708.5	7731.4	7760.5	7758.4
5°	7612.9	7633.7	7666.9	7702.3	7708.5
6°	7513.1	7538.1	7592.1	7642.0	7650.3
7°	7407.1	7444.6	7496.5	7569.3	7588.0
8°	7282.4	7311.5	7386.4	7471.6	7492.4
9°	7099.6	7143.2	7238.8	7317.8	7330.2
10°	6877.2	6908.3	7022.7	7105.8	7143.2
11°	6590.4	6636.1	6748.3	6833.5	6858.5
12°	6224.6	6291.1	6422.0	6484.4	6505.2
13°	5829.7	5885.8	5987.6	6064.5	6081.2
14°	5384.9	5439.0	5545.0	5607.3	5592.8
15°	4850.8	4931.9	5062.8	5098.1	5104.4
17.5°	3583.0	3635.0	3751.4	3807.5	3847.0
20°	2402.5	2452.4	2523.1	2560.5	2529.3
22.5°	1461.1	1502.6	1540.0	1538.0	1527.6
25°	879.1	887.4	897.8	891.6	872.9
27.5°	513.3	536.2	567.4	546.6	515.4
30°	326.3	345.0	378.3	342.9	318.0
32.5°	172.5	218.2	253.6	205.8	180.8
35°	106.0	120.5	166.3	122.6	99.8
37.5°	64.4	74.8	103.9	72.7	58.2
40°	33.3	47.8	60.3	43.6	31.2
42.5°	10.4	22.9	33.3	20.8	10.4
45°	2.1	6.2	18.7	6.2	2.1
47.5°	0.0	0.0	8.3	2.1	0.0
50°	0.0	0.0	2.1	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



TEST NUMBER: P1311947  
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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)