

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: P1312000

Luminaire Tested: LDSQA3D24R609040D010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1312000
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D24R609040D010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 90CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

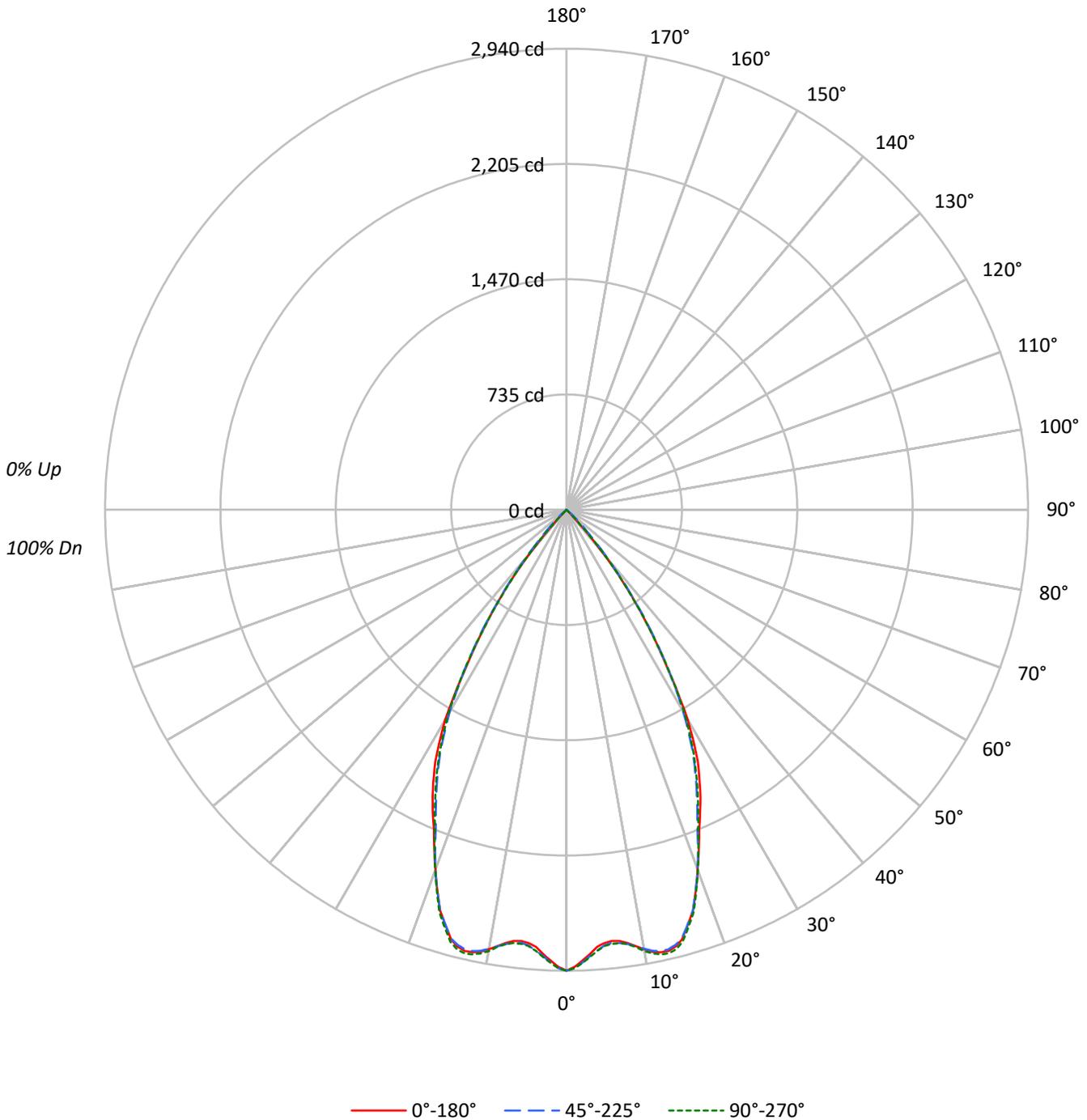
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2605.0 lumens
Efficiency: N/A
Efficacy: 90.5 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
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: P1312000
CATALOG NUMBER: LDSQA3D24R609040D010 3LSQCDR1MMS

Luminous Intensity Polar Plot





TEST NUMBER: P1312000

CATALOG NUMBER: LDSQA3D24R609040D010 3LSQCDR1MMS

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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	96	96	96	94
2	108	104	100	97	106	102	98	95	99	96	93	96	93	91	93	91	89	89	89	89	88
3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	84	84	84	82
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84	81	78	78	78	78	77
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79	76	73	73	73	73	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	69	69	69	67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	64	64	64	63
8	81	71	66	62	79	71	65	61	70	65	61	69	64	61	68	64	61	61	61	61	59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	57	57	57	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	54	54	54	53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	506248	506248	506248
5°	479467	481974	482700
10°	497724	496990	499893
15°	505974	505225	508934
20°	447742	447742	448512
25°	383721	372262	375417
30°	306949	295793	300347
35°	190440	194372	189998
40°	83611	92019	85926
45°	1023	29860	2533
50°	0	3349	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: 29860 cd/sqm



TEST NUMBER: P1312000

CATALOG NUMBER: LDSQA3D24R609040D010 3LSQCDR1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	268.5	10.3
10°-20°	778.2	29.9
20°-30°	903.5	34.7
30°-40°	568.9	21.8
40°-50°	85.4	3.3
50°-60°	0.4	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°	1950.2	74.9
0°-40°	2519.1	96.7
0°-60°	2605.0	100.0
0°-90°	2605.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2605.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2940	2940	2940	2940	2940	
5°	2773	2784	2788	2794	2792	268
15°	2838	2827	2834	2852	2854	778
25°	2019	1996	1959	1967	1976	918
35°	906	908	924	906	904	565
45°	4	40	123	52	10	56
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: P1312000
 CATALOG NUMBER: LDSQA3D24R609040D010 3LSQCDR1MMS

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2939.5	2939.5	2939.5	2939.5	2939.5
1°	2916.7	2925.0	2925.0	2927.1	2925.0
2°	2877.2	2889.7	2889.7	2895.9	2891.8
3°	2837.8	2848.1	2850.2	2858.5	2856.5
4°	2794.1	2810.7	2817.0	2821.1	2819.1
5°	2773.4	2783.7	2787.9	2794.1	2792.1
6°	2765.0	2773.4	2777.5	2783.7	2783.7
7°	2771.3	2777.5	2783.7	2787.9	2783.7
8°	2790.0	2796.2	2796.2	2804.5	2798.3
9°	2817.0	2819.1	2819.1	2829.4	2823.2
10°	2846.1	2841.9	2841.9	2856.5	2858.5
11°	2871.0	2866.8	2864.8	2879.3	2883.5
12°	2885.5	2877.2	2877.2	2895.9	2898.0
13°	2887.6	2877.2	2877.2	2895.9	2902.2
14°	2871.0	2858.5	2860.6	2881.4	2887.6
15°	2837.8	2827.4	2833.6	2852.3	2854.4
17.5°	2679.9	2673.6	2677.8	2690.3	2692.3
20°	2443.0	2438.9	2443.0	2443.0	2447.2
22.5°	2208.3	2197.9	2177.1	2189.6	2191.7
25°	2019.3	1996.4	1959.0	1967.3	1975.6
27.5°	1811.5	1782.4	1743.0	1753.3	1755.4
30°	1543.5	1529.0	1487.4	1497.8	1510.3
32.5°	1192.4	1231.9	1207.0	1204.9	1207.0
35°	905.8	907.8	924.5	905.8	903.7
37.5°	633.6	635.7	648.2	627.4	629.5
40°	371.9	398.9	409.3	400.9	382.2
42.5°	116.3	205.7	232.7	201.5	128.8
45°	4.2	39.5	122.6	51.9	10.4
47.5°	0.0	2.1	58.2	4.2	0.0
50°	0.0	0.0	12.5	0.0	0.0
52.5°	0.0	0.0	2.1	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: P1312000
CATALOG NUMBER: LDSQA3D24R609040D010 3LSQCDR1MMS

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)