

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: P1313077

Luminaire Tested: LDSQA3D24R609050D010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313077
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: LDSQA3D24R609050D010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

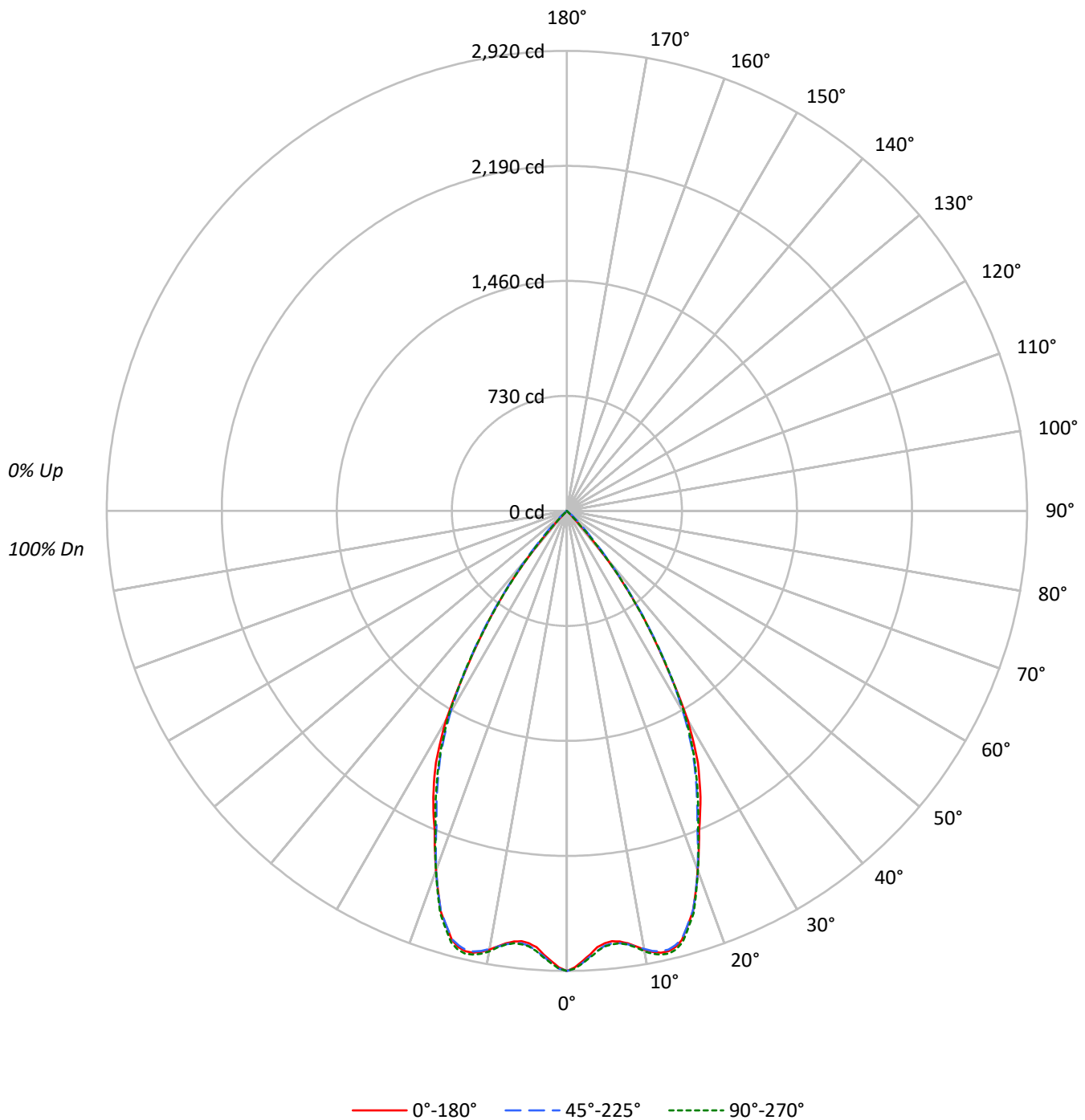
Lumens per Lamp: N/A
Luminaire Lumens: 2588.0 lumens
Efficiency: N/A
Efficacy: 89.9 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	97	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	88	85		88
4	98	91	86	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	76	92	84	79	75	83	78	75		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	66	62	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	502959	502959	502959
5°	476338	478827	479536
10°	494472	493755	496640
15°	502658	501927	505600
20°	444828	444828	445579
25°	381212	369830	372965
30°	304940	293864	298378
35°	189178	193089	188758
40°	83049	91412	85387
45°	999	29666	2509
50°	0	3322	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: 29666 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	266.7	10.3
10°-20°	773.1	29.9
20°-30°	897.6	34.7
30°-40°	565.2	21.8
40°-50°	84.9	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°	1937.5	74.9
0°-40°	2502.7	96.7
0°-60°	2588.0	100.0
0°-90°	2588.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2588.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2920	2920	2920	2920	2920	
5°	2755	2766	2770	2776	2774	266
15°	2819	2809	2815	2834	2836	773
25°	2006	1983	1946	1954	1963	912
35°	900	902	918	900	898	562
45°	4	39	122	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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2920.4	2920.4	2920.4	2920.4	2920.4
1°	2897.7	2905.9	2905.9	2908.0	2905.9
2°	2858.4	2870.8	2870.8	2877.0	2872.9
3°	2819.2	2829.6	2831.6	2839.9	2837.8
4°	2775.9	2792.4	2798.6	2802.7	2800.7
5°	2755.3	2765.6	2769.7	2775.9	2773.8
6°	2747.0	2755.3	2759.4	2765.6	2765.6
7°	2753.2	2759.4	2765.6	2769.7	2765.6
8°	2771.8	2778.0	2778.0	2786.2	2780.0
9°	2798.6	2800.7	2800.7	2811.0	2804.8
10°	2827.5	2823.4	2823.4	2837.8	2839.9
11°	2852.3	2848.1	2846.1	2860.5	2864.6
12°	2866.7	2858.4	2858.4	2877.0	2879.1
13°	2868.8	2858.4	2858.4	2877.0	2883.2
14°	2852.3	2839.9	2841.9	2862.6	2868.8
15°	2819.2	2808.9	2815.1	2833.7	2835.7
17.5°	2662.4	2656.2	2660.3	2672.7	2674.8
20°	2427.1	2423.0	2427.1	2427.1	2431.2
22.5°	2193.9	2183.6	2162.9	2175.3	2177.4
25°	2006.1	1983.4	1946.2	1954.5	1962.7
27.5°	1799.7	1770.8	1731.6	1741.9	1744.0
30°	1533.4	1519.0	1477.7	1488.0	1500.4
32.5°	1184.7	1223.9	1199.1	1197.0	1199.1
35°	899.8	901.9	918.4	899.8	897.8
37.5°	629.5	631.5	643.9	623.3	625.4
40°	369.4	396.3	406.6	398.3	379.8
42.5°	115.6	204.3	231.2	200.2	128.0
45°	4.1	39.2	121.8	51.6	10.3
47.5°	0.0	2.1	57.8	4.1	0.0
50°	0.0	0.0	12.4	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



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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)