

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: P1314664

Luminaire Tested: LDSQA3D13R359730DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314664
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: LDSQA3D13R359730DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

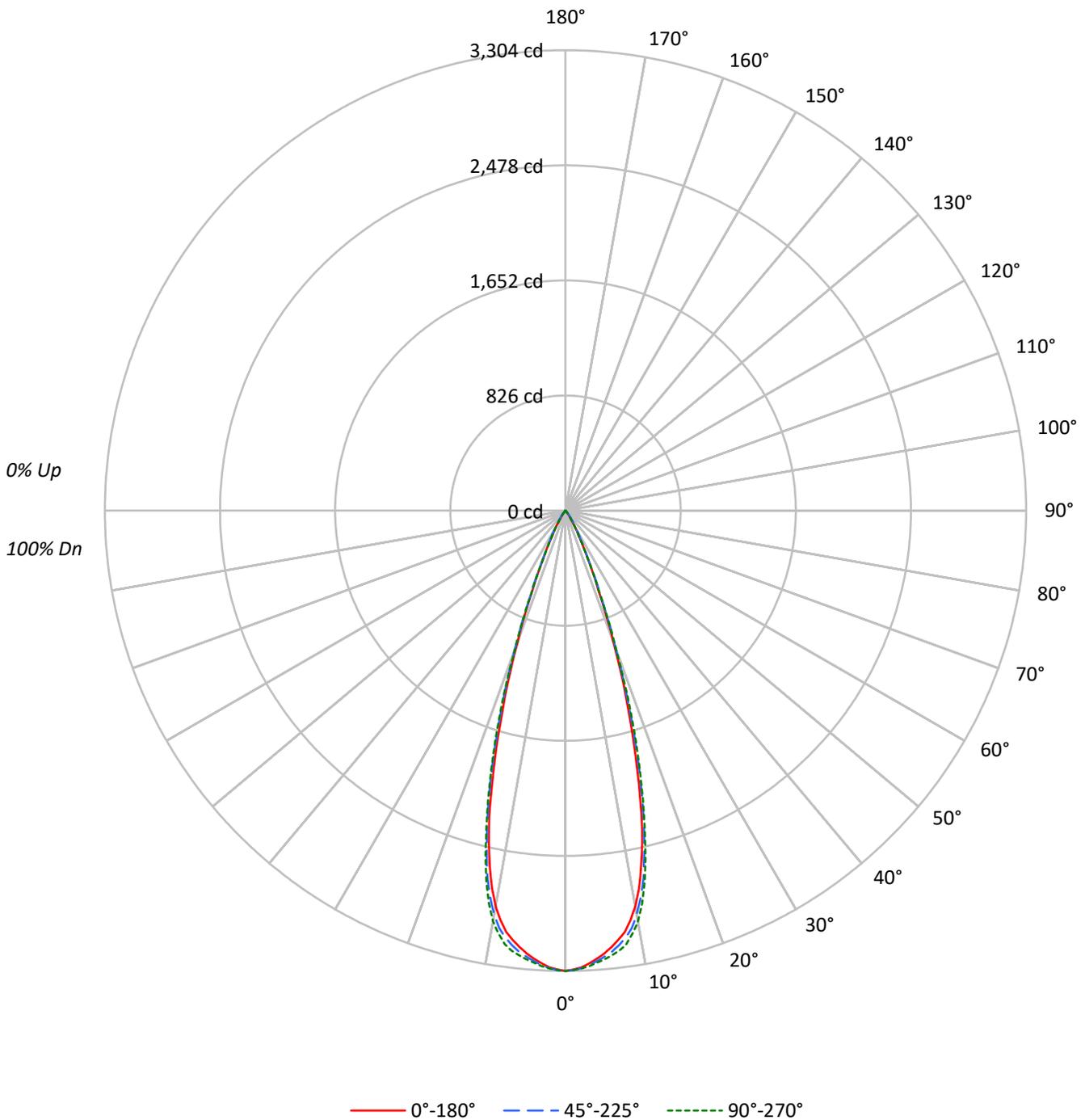
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1100.0 lumens
Efficiency: N/A
Efficacy: 75.3 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): 14.6
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		0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	95	94
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	92	91
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	88	87
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	85	84
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	82	81
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	79	78
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	77	76	75
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	74	73	72
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	71	70	69
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	69	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	568989	568989	568989
5°	551731	555638	558663
10°	504177	514828	523677
15°	362569	378420	381522
20°	184595	193851	194327
25°	70025	71526	69531
30°	27205	31540	26509
35°	9335	14654	8788
40°	3125	5688	2945
45°	219	1900	219
50°	0	241	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: 1900 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	299.1	27.2
10°-20°	557.2	50.7
20°-30°	200.3	18.2
30°-40°	39.1	3.6
40°-50°	4.4	0.4
50°-60°	0.0	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°	1056.5	96.0
0°-40°	1095.6	99.6
0°-60°	1100.0	100.0
0°-90°	1100.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1100.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3304	3304	3304	3304	3304	
5°	3191	3200	3214	3229	3232	296
15°	2034	2068	2122	2137	2140	540
25°	368	372	376	374	366	193
35°	44	50	70	51	42	33
45°	1	3	8	3	1	2
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



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3303.8	3303.8	3303.8	3303.8	3303.8
1°	3294.2	3298.5	3299.4	3305.5	3298.5
2°	3280.2	3282.9	3286.3	3291.6	3288.1
3°	3253.2	3258.5	3266.3	3273.3	3273.3
4°	3224.5	3231.5	3241.0	3253.2	3252.4
5°	3191.4	3200.1	3214.0	3228.8	3231.5
6°	3149.6	3160.0	3182.7	3203.6	3207.1
7°	3105.1	3120.8	3142.6	3173.1	3180.9
8°	3052.9	3065.1	3096.4	3132.1	3140.9
9°	2976.2	2994.5	3034.6	3067.7	3072.9
10°	2883.0	2896.0	2943.9	2978.8	2994.5
11°	2762.7	2781.9	2828.9	2864.7	2875.1
12°	2609.4	2637.3	2692.2	2718.3	2727.0
13°	2443.9	2467.4	2510.1	2542.3	2549.3
14°	2257.4	2280.1	2324.5	2350.6	2344.5
15°	2033.5	2067.5	2122.4	2137.2	2139.8
17.5°	1502.0	1523.8	1572.6	1596.1	1612.7
20°	1007.2	1028.1	1057.7	1073.4	1060.3
22.5°	612.5	629.9	645.6	644.7	640.4
25°	368.5	372.0	376.4	373.8	365.9
27.5°	215.2	224.8	237.9	229.1	216.1
30°	136.8	144.6	158.6	143.8	133.3
32.5°	72.3	91.5	106.3	86.3	75.8
35°	44.4	50.5	69.7	51.4	41.8
37.5°	27.0	31.4	43.6	30.5	24.4
40°	13.9	20.0	25.3	18.3	13.1
42.5°	4.4	9.6	13.9	8.7	4.4
45°	0.9	2.6	7.8	2.6	0.9
47.5°	0.0	0.0	3.5	0.9	0.0
50°	0.0	0.0	0.9	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



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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)