

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: P1323693

Luminaire Tested: LDSQA3D05R709030D2WDE010 3LSQCDR1MB

Issue Date: 1/29/2026

**Test Information**

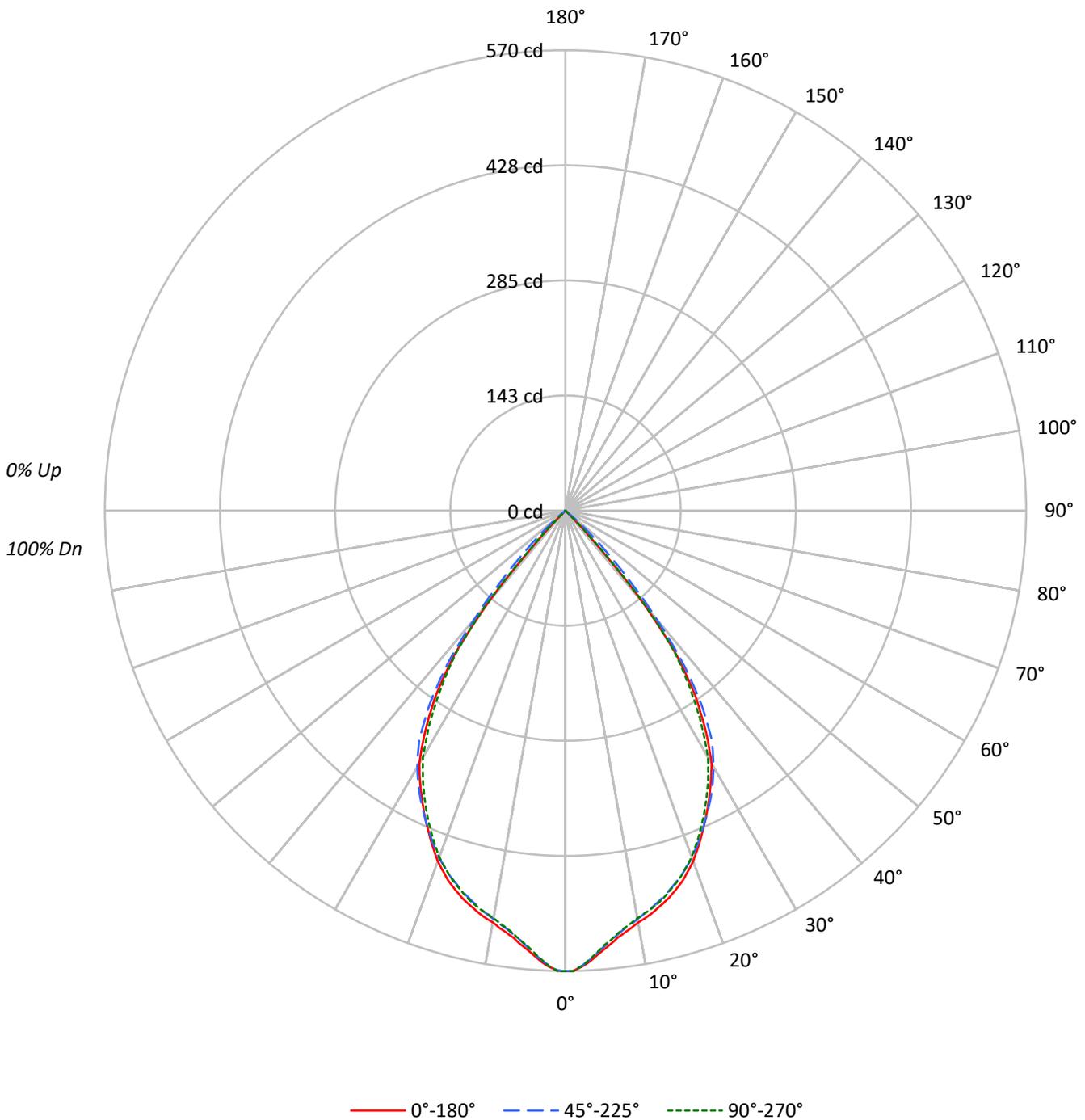
Test Method: LM-79-2019  
Report Number: P1323693  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-31)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D05R709030D2WDE010 3LSQCDR1MB  
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,  
3LSQCDR1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 590.0 lumens  
Efficiency: N/A  
Efficacy: 53.2 lumens/watt  
Spacing Criteria (0/90/45): 1 / 0.99 / 1.03  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11.1  
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	102	102	100
1	113	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	95	95	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	88	88	86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	81	81	81	80
4	96	89	83	79	95	88	82	78	85	81	77	83	79	76	81	78	75	75	75	74
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	70	70	68
6	86	77	71	67	85	76	71	66	75	70	66	73	69	65	72	68	65	65	65	63
7	82	72	66	62	80	71	66	61	70	65	61	69	64	61	68	64	60	60	60	59
8	78	68	61	57	76	67	61	57	66	61	57	65	60	57	64	60	56	56	56	55
9	74	63	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	53	53	51
10	70	60	54	50	69	59	53	50	58	53	49	58	53	49	57	52	49	49	49	48

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

	0°	45°	90°
0°	98219	98219	98219
5°	94272	93753	93494
10°	90570	89783	89608
15°	88418	87188	87366
20°	84673	83849	83665
25°	78595	78785	77550
30°	71930	72924	70140
35°	58848	61686	56535
40°	33880	39479	34780
45°	487	16416	1705
50°	0	1742	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: 16416 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	50.9	8.6
10°-20°	137.9	23.4
20°-30°	189.4	32.1
30°-40°	171.7	29.1
40°-50°	39.9	6.8
50°-60°	0.2	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°	378.2	64.1
0°-40°	549.9	93.2
0°-60°	590.0	100.0
0°-90°	590.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	590.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	570	570	570	570	570	
5°	545	544	542	541	541	51
15°	496	492	489	489	490	139
25°	414	416	415	411	408	190
35°	280	284	293	281	269	168
45°	2	22	67	29	7	24
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°	570.3	570.3	570.3	570.3	570.3
1°	569.8	568.8	569.3	569.8	570.3
2°	565.3	564.3	564.3	564.8	564.8
3°	559.8	557.8	557.8	557.3	557.3
4°	552.3	550.8	549.8	549.3	549.3
5°	545.3	543.8	542.3	541.3	540.8
6°	539.4	536.9	534.9	534.4	534.9
7°	532.4	530.9	528.9	527.4	527.9
8°	527.4	525.4	522.9	521.9	521.9
9°	522.9	520.9	518.4	516.4	517.4
10°	517.9	515.9	513.4	511.9	512.4
11°	514.4	511.9	508.9	507.9	508.4
12°	510.4	507.4	504.4	503.9	504.9
13°	505.4	502.4	499.4	499.4	500.4
14°	500.9	497.4	494.4	494.4	495.9
15°	495.9	492.5	489.0	489.0	490.0
17.5°	481.0	478.0	474.5	474.5	475.0
20°	462.0	460.5	457.5	456.0	456.5
22.5°	438.1	438.1	436.6	434.1	433.1
25°	413.6	415.6	414.6	410.6	408.1
27.5°	388.2	391.7	392.2	386.2	381.7
30°	361.7	364.7	366.7	359.7	352.7
32.5°	322.8	331.8	336.8	327.3	312.8
35°	279.9	283.9	293.4	280.9	268.9
37.5°	227.5	232.5	240.5	230.5	223.5
40°	150.7	170.6	175.6	170.6	154.7
42.5°	54.4	95.8	115.3	97.8	63.9
45°	2.0	22.5	67.4	28.9	7.0
47.5°	0.0	0.5	30.4	1.0	0.0
50°	0.0	0.0	6.5	0.0	0.0
52.5°	0.0	0.0	0.5	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)