

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: P1323547

Luminaire Tested: LDSQA3D02R709030D2WDE010 3LSQCDR1MB

Issue Date: 1/29/2026

**Test Information**

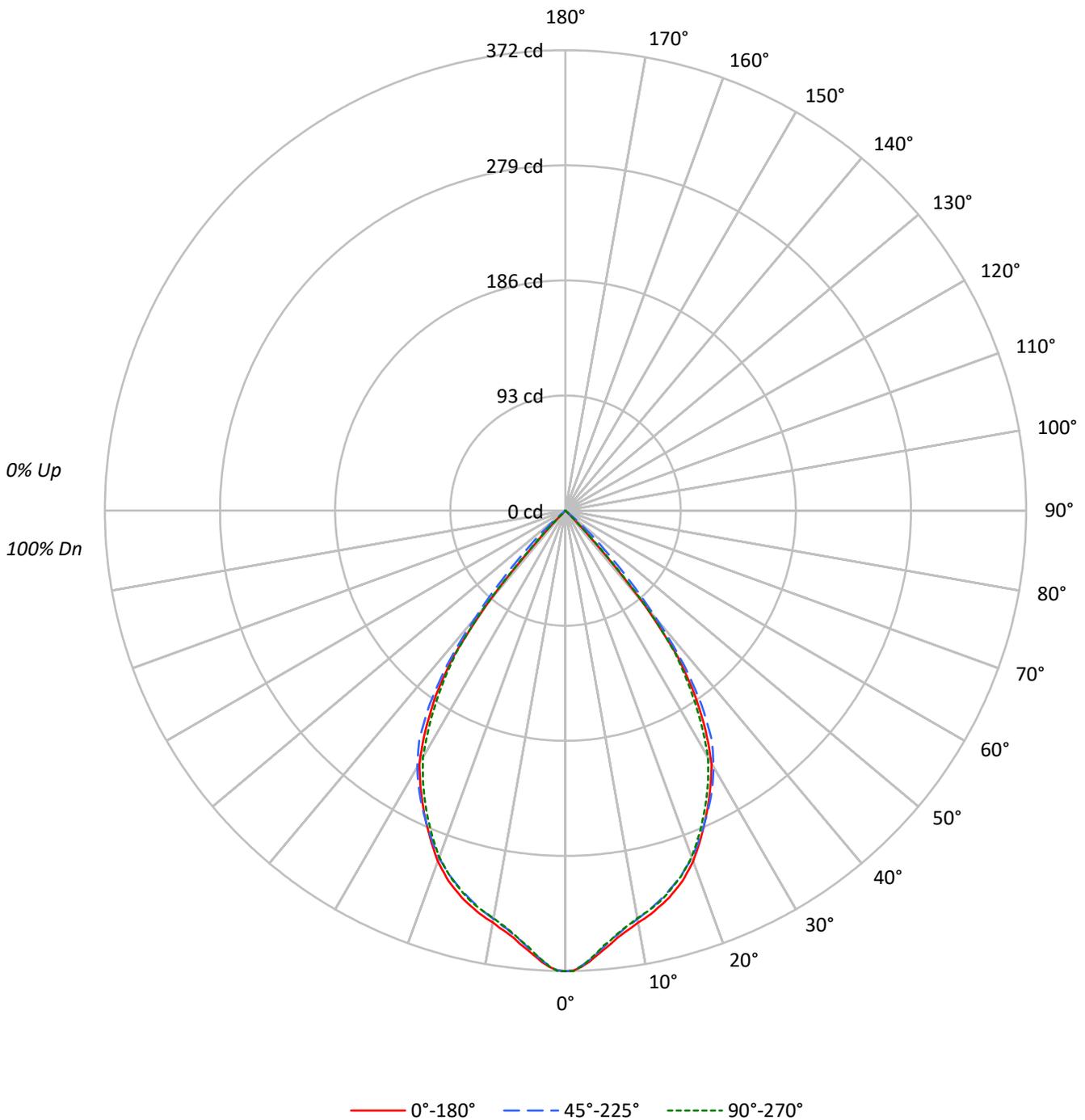
Test Method: LM-79-2019  
Report Number: P1323547  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-31)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D02R709030D2WDE010 3LSQCDR1MB  
Description: 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: 385.0 lumens  
Efficiency: N/A  
Efficacy: 53.5 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): 7.2  
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	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	113	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	95	95	95	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	88	88	88	86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	81	81	81	81	80
4	96	89	83	79	95	88	82	78	85	81	77	83	79	76	81	78	75	75	75	75	74
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	70	70	70	68
6	86	77	71	67	85	76	71	66	75	70	66	73	69	65	72	68	65	65	65	65	63
7	82	72	66	62	80	71	66	61	70	65	61	69	64	61	68	64	60	60	60	60	59
8	78	68	61	57	76	67	61	57	66	61	57	65	60	57	64	60	56	56	56	56	55
9	74	63	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	53	53	53	51
10	70	60	54	50	69	59	53	50	58	53	49	58	53	49	57	52	49	49	49	49	48

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

	0°	45°	90°
0°	64084	64084	64084
5°	61528	61182	61010
10°	59109	58585	58480
15°	57697	56895	57002
20°	55258	54726	54598
25°	51288	51421	50604
30°	46932	47589	45779
35°	38391	40241	36898
40°	22100	25764	22684
45°	317	10717	1120
50°	0	1125	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: 10717 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	33.2	8.6
10°-20°	90.0	23.4
20°-30°	123.6	32.1
30°-40°	112.1	29.1
40°-50°	26.0	6.8
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°	246.8	64.1
0°-40°	358.8	93.2
0°-60°	385.0	100.0
0°-90°	385.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	385.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	372	372	372	372	372	
5°	356	355	354	353	353	33
15°	324	321	319	319	320	91
25°	270	271	271	268	266	124
35°	183	185	191	183	176	110
45°	1	15	44	19	5	16
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°	372.1	372.1	372.1	372.1	372.1
1°	371.8	371.2	371.5	371.8	372.1
2°	368.9	368.2	368.2	368.6	368.6
3°	365.3	364.0	364.0	363.7	363.7
4°	360.4	359.4	358.8	358.5	358.5
5°	355.9	354.9	353.9	353.3	352.9
6°	351.9	350.3	349.0	348.7	349.0
7°	347.4	346.4	345.1	344.1	344.5
8°	344.1	342.8	341.2	340.6	340.6
9°	341.2	339.9	338.3	337.0	337.6
10°	338.0	336.6	335.0	334.0	334.4
11°	335.7	334.0	332.1	331.4	331.8
12°	333.1	331.1	329.2	328.8	329.5
13°	329.8	327.9	325.9	325.9	326.6
14°	326.9	324.6	322.6	322.6	323.6
15°	323.6	321.3	319.1	319.1	319.7
17.5°	313.9	311.9	309.6	309.6	310.0
20°	301.5	300.5	298.6	297.6	297.9
22.5°	285.9	285.9	284.9	283.3	282.6
25°	269.9	271.2	270.6	268.0	266.3
27.5°	253.3	255.6	255.9	252.0	249.1
30°	236.0	238.0	239.3	234.7	230.2
32.5°	210.6	216.5	219.8	213.6	204.1
35°	182.6	185.3	191.4	183.3	175.5
37.5°	148.5	151.7	156.9	150.4	145.9
40°	98.3	111.3	114.6	111.3	100.9
42.5°	35.5	62.5	75.2	63.8	41.7
45°	1.3	14.7	44.0	18.9	4.6
47.5°	0.0	0.3	19.9	0.7	0.0
50°	0.0	0.0	4.2	0.0	0.0
52.5°	0.0	0.0	0.3	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)