

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: P1323990

Luminaire Tested: LDSQA3D13R709030D2WDE010 3LSQCLDWWR1MW

Issue Date: 1/29/2026

**Test Information**

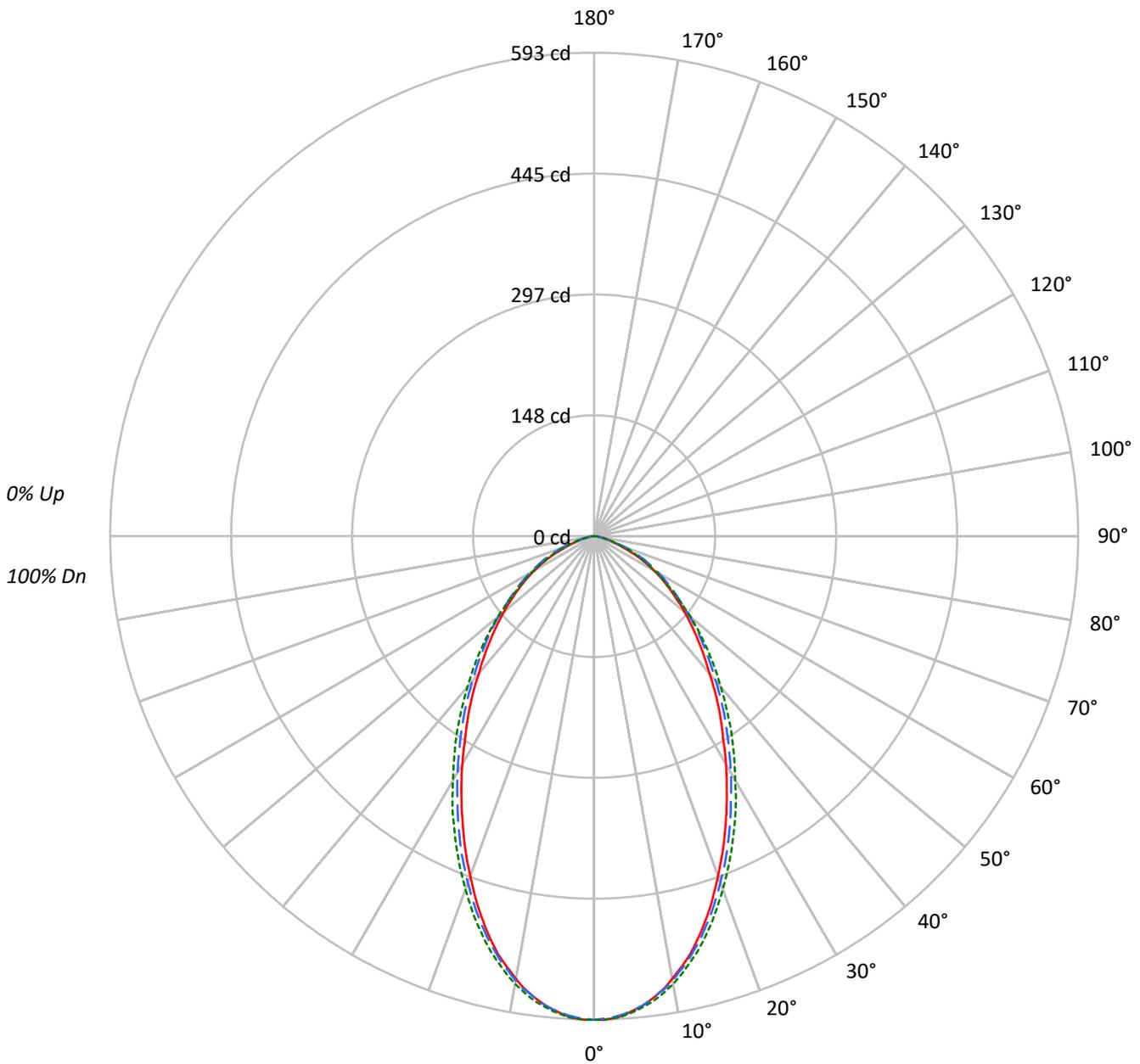
Test Method: LM-79-2019  
Report Number: P1323990  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-45)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D13R709030D2WDE010 3LSQCLDWWR1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,  
3LSQCLDWWR1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 891.0 lumens  
Efficiency: N/A  
Efficacy: 44.3 lumens/watt  
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 20.1  
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



— 0°-180°    - - 45°-225°    - - - 90°-270°



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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	111	107	104	101	109	105	102	99	101	98	96	97	95	93	94	92	91	91	91	89
2	103	96	91	86	101	95	89	85	91	87	83	88	84	81	85	82	80	80	80	78
3	95	87	80	75	93	85	79	74	82	77	73	80	75	71	77	74	70	70	70	68
4	89	78	71	65	87	77	70	65	75	69	64	73	67	63	71	66	62	62	62	61
5	83	71	64	58	81	70	63	58	68	62	57	67	61	57	65	60	56	56	56	54
6	77	65	58	52	75	64	57	52	63	56	51	61	55	51	60	55	51	51	51	49
7	72	60	52	47	70	59	52	47	58	51	47	57	51	46	55	50	46	46	46	44
8	68	56	48	43	66	55	48	43	54	47	42	53	47	42	51	46	42	42	42	40
9	64	52	44	39	62	51	44	39	50	44	39	49	43	39	48	43	39	39	39	37
10	60	48	41	36	59	48	41	36	47	40	36	46	40	36	45	40	36	36	36	34

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

	0°	45°	90°
0°	102197	102197	102197
5°	100720	100720	101101
10°	96429	96796	97565
15°	89862	90629	91788
20°	81319	82896	84472
25°	72647	74699	76752
30°	64253	66600	68748
35°	56598	59100	61581
40°	49393	52046	54227
45°	43792	46155	47738
50°	38662	40672	41261
55°	33960	35881	34920
60°	29312	31517	30036
65°	23269	27222	24573
70°	16818	21149	18430
75°	12909	13641	11445
80°	8529	8529	6447
85°	4347	4347	4347

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 45°  
 Luminance: 47738 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	54.7	6.1
10°-20°	142.0	15.9
20°-30°	180.4	20.3
30°-40°	175.5	19.7
40°-50°	145.9	16.4
50°-60°	105.2	11.8
60°-70°	61.9	7.0
70°-80°	21.9	2.5
80°-90°	3.2	0.4
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°	377.2	42.3
0°-40°	552.7	62.0
0°-60°	803.9	90.2
0°-90°	891.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	891.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	593	593	593	593	593	
5°	583	582	583	583	585	55
15°	504	504	508	512	515	141
25°	382	387	393	401	404	176
35°	269	272	281	289	293	168
45°	180	183	190	194	196	139
55°	113	116	120	118	116	102
65°	57	61	67	64	60	57
75°	19	20	20	18	17	21
85°	2	2	2	2	2	3
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	593.4	593.4	593.4	593.4	593.4
1°	593.4	592.3	592.3	592.3	593.4
2°	592.3	591.2	591.2	591.2	592.3
3°	590.2	589.1	589.1	589.1	591.2
4°	586.9	584.8	585.9	585.9	588.0
5°	582.6	581.5	582.6	582.6	584.8
6°	578.3	577.2	578.3	578.3	580.5
7°	572.9	571.9	572.9	574.0	576.2
8°	566.5	565.4	566.5	567.5	570.8
9°	560.0	558.9	561.1	562.2	564.3
10°	551.4	551.4	553.5	554.6	557.9
11°	542.8	542.8	544.9	547.1	550.3
12°	534.2	534.2	537.4	539.5	541.7
13°	525.5	524.5	527.7	529.9	533.1
14°	514.8	513.7	518.0	521.2	524.5
15°	504.0	504.0	508.3	511.5	514.8
17.5°	474.9	476.0	481.4	485.7	488.9
20°	443.7	446.9	452.3	457.7	460.9
22.5°	413.5	415.7	423.2	429.7	432.9
25°	382.3	386.6	393.1	400.6	403.9
27.5°	352.2	356.5	362.9	370.5	375.9
30°	323.1	326.3	334.9	342.5	345.7
32.5°	294.0	298.3	306.9	314.5	318.8
35°	269.2	272.5	281.1	288.6	292.9
37.5°	244.5	247.7	256.3	262.8	266.0
40°	219.7	225.1	231.5	238.0	241.2
42.5°	199.2	203.5	210.0	215.4	218.6
45°	179.8	183.1	189.5	193.8	196.0
47.5°	161.5	164.8	171.2	173.4	174.5
50°	144.3	147.5	151.8	152.9	154.0
52.5°	128.2	130.3	134.6	134.6	133.5
55°	113.1	116.3	119.5	118.5	116.3
57.5°	99.1	100.2	105.5	103.4	101.2
60°	85.1	87.2	91.5	89.4	87.2
62.5°	71.1	73.2	78.6	76.5	73.2
65°	57.1	61.4	66.8	63.5	60.3
67.5°	43.1	48.5	53.8	50.6	48.5
70°	33.4	37.7	42.0	38.8	36.6
72.5°	25.8	28.0	30.2	28.0	25.8
75°	19.4	20.5	20.5	18.3	17.2
77.5°	14.0	15.1	12.9	10.8	10.8
80°	8.6	9.7	8.6	6.5	6.5
82.5°	4.3	5.4	4.3	4.3	4.3
85°	2.2	2.2	2.2	2.2	2.2
87.5°	1.1	1.1	1.1	1.1	1.1



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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)