

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: P1323456

Luminaire Tested: LDSQA3D02R259030D2WDE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

**Test Information**

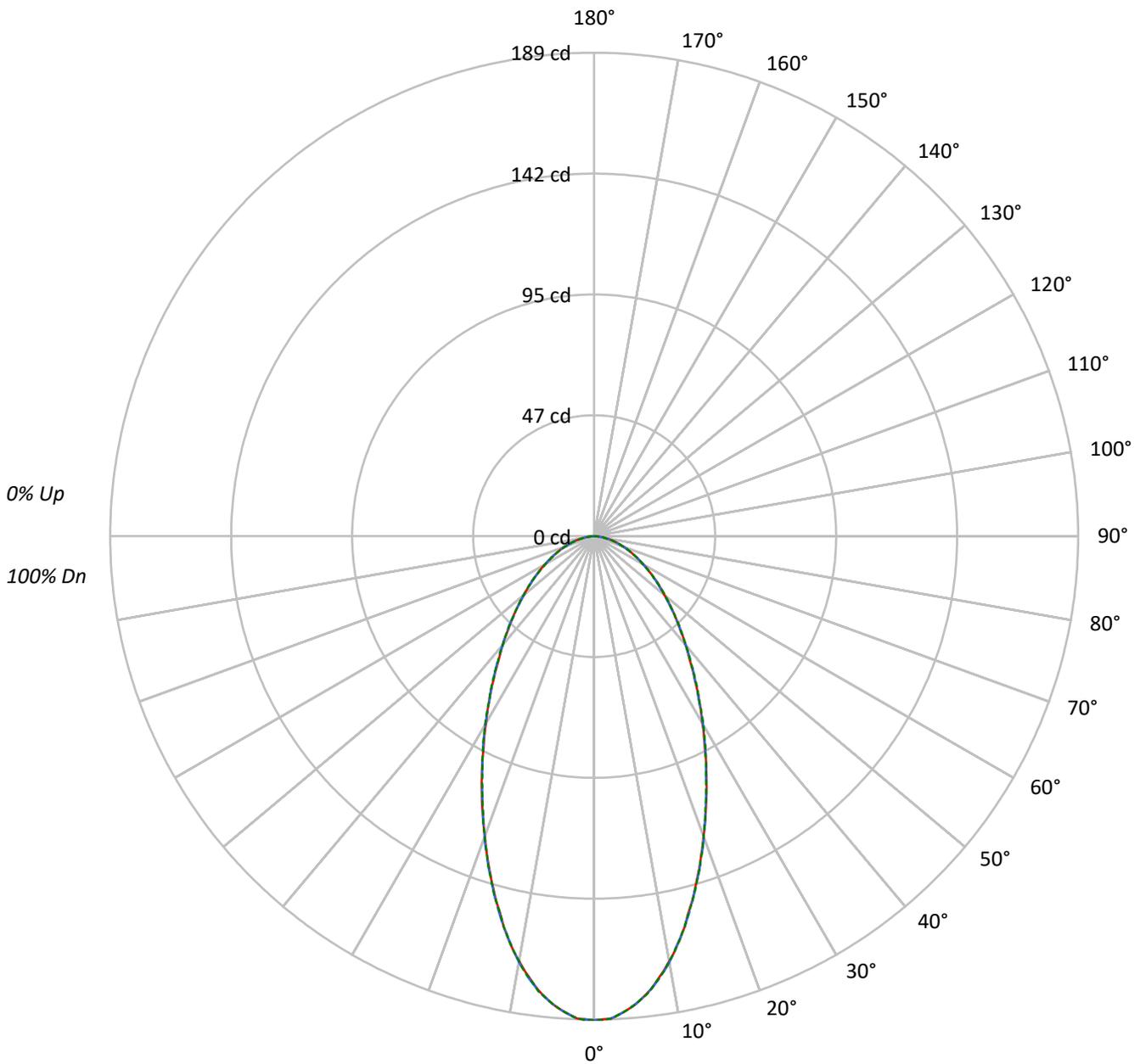
Test Method: LM-79-2019  
Report Number: P1323456  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-18)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D02R259030D2WDE010 3LSQPHRLD1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,  
3LSQPHRLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 237.0 lumens  
Efficiency: N/A  
Efficacy: 32.9 lumens/watt  
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89  
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



0% Up  
100% Dn

— 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	77
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	68
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	61
5	83	72	64	58	81	71	64	58	69	62	58	67	61	57	65	60	56	55
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	49
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	45
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	38
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	35

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

	0°	45°	90°
0°	32602	32602	32602
5°	31775	31775	31775
10°	29520	29572	29520
15°	26335	26388	26388
20°	22891	22946	22891
25°	19725	19649	19649
30°	16824	16884	16943
35°	14423	14423	14507
40°	12500	12500	12500
45°	10936	10936	10936
50°	9592	9592	9672
55°	8587	8587	8587
60°	7612	7612	7612
65°	6887	6887	6887
70°	6244	6043	6244
75°	5656	5390	5390
80°	4562	4562	4562
85°	3162	3162	3162

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 10936 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	17.1	7.2
10°-20°	41.2	17.4
20°-30°	47.6	20.1
30°-40°	43.2	18.2
40°-50°	34.8	14.7
50°-60°	25.6	10.8
60°-70°	16.8	7.1
70°-80°	8.7	3.7
80°-90°	2.0	0.8
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
<b>0°-30°</b>	<b>105.9</b>	<b>44.7</b>
<b>0°-40°</b>	<b>149.0</b>	<b>62.9</b>
<b>0°-60°</b>	<b>209.5</b>	<b>88.4</b>
<b>0°-90°</b>	<b>237.0</b>	<b>100.0</b>
90°-120°	0.0	0.0
90°-150°	0.0	0.0
<b>90°-180°</b>	<b>0.0</b>	<b>0.0</b>
<b>0°-180°</b>	<b>237.0</b>	<b>100.0</b>

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	189	189	189	189	189	
5°	184	184	184	184	184	17
15°	148	148	148	148	148	41
25°	104	103	103	104	103	48
35°	69	69	69	69	69	43
45°	45	45	45	45	45	35
55°	29	29	29	28	29	26
65°	17	17	17	17	17	17
75°	8	8	8	8	8	9
85°	2	2	2	2	2	2
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	189.3	189.3	189.3	189.3	189.3
1°	189.0	189.6	189.0	189.0	189.3
2°	188.7	189.0	188.7	188.7	188.7
3°	187.3	188.0	187.3	187.3	187.3
4°	185.7	186.4	185.7	185.7	185.7
5°	183.8	184.4	183.8	183.8	183.8
6°	181.5	181.8	181.5	181.5	181.5
7°	178.9	179.2	178.9	178.9	179.2
8°	175.6	176.0	176.0	175.6	175.6
9°	172.4	172.7	172.7	172.4	172.7
10°	168.8	169.1	169.1	168.8	168.8
11°	165.2	165.6	164.9	164.9	165.2
12°	161.0	161.3	161.0	161.0	161.0
13°	156.8	156.8	156.8	156.8	156.8
14°	151.9	152.5	152.5	152.2	151.9
15°	147.7	148.0	148.0	147.7	148.0
17.5°	136.3	136.9	136.6	136.6	136.6
20°	124.9	125.2	125.2	124.9	124.9
22.5°	114.2	113.8	113.8	113.8	113.8
25°	103.8	103.4	103.4	103.8	103.4
27.5°	93.7	94.0	94.0	93.7	94.0
30°	84.6	84.6	84.9	84.6	85.2
32.5°	76.4	76.4	76.1	76.4	76.4
35°	68.6	68.6	68.6	68.6	69.0
37.5°	61.5	61.8	62.1	62.1	61.8
40°	55.6	55.6	55.6	55.6	55.6
42.5°	49.8	49.8	50.1	50.1	50.1
45°	44.9	44.9	44.9	44.9	44.9
47.5°	40.3	40.3	40.0	40.0	40.3
50°	35.8	36.1	35.8	35.8	36.1
52.5°	32.2	31.9	31.9	32.2	32.2
55°	28.6	28.6	28.6	28.3	28.6
57.5°	25.4	25.4	25.0	25.0	25.0
60°	22.1	22.1	22.1	22.1	22.1
62.5°	19.5	19.5	19.5	19.5	19.5
65°	16.9	16.9	16.9	16.9	16.9
67.5°	14.6	14.6	14.6	14.6	14.3
70°	12.4	12.4	12.0	12.0	12.4
72.5°	10.1	10.1	10.1	10.1	10.1
75°	8.5	8.1	8.1	8.1	8.1
77.5°	6.5	6.5	6.2	6.5	6.2
80°	4.6	4.6	4.6	4.6	4.6
82.5°	3.3	2.9	2.9	2.9	2.9
85°	1.6	1.6	1.6	1.6	1.6
87.5°	0.3	0.3	0.3	0.3	0.7



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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)