

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: P1323636

Luminaire Tested: LDSQA3D05R359030D2WDE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

**Test Information**

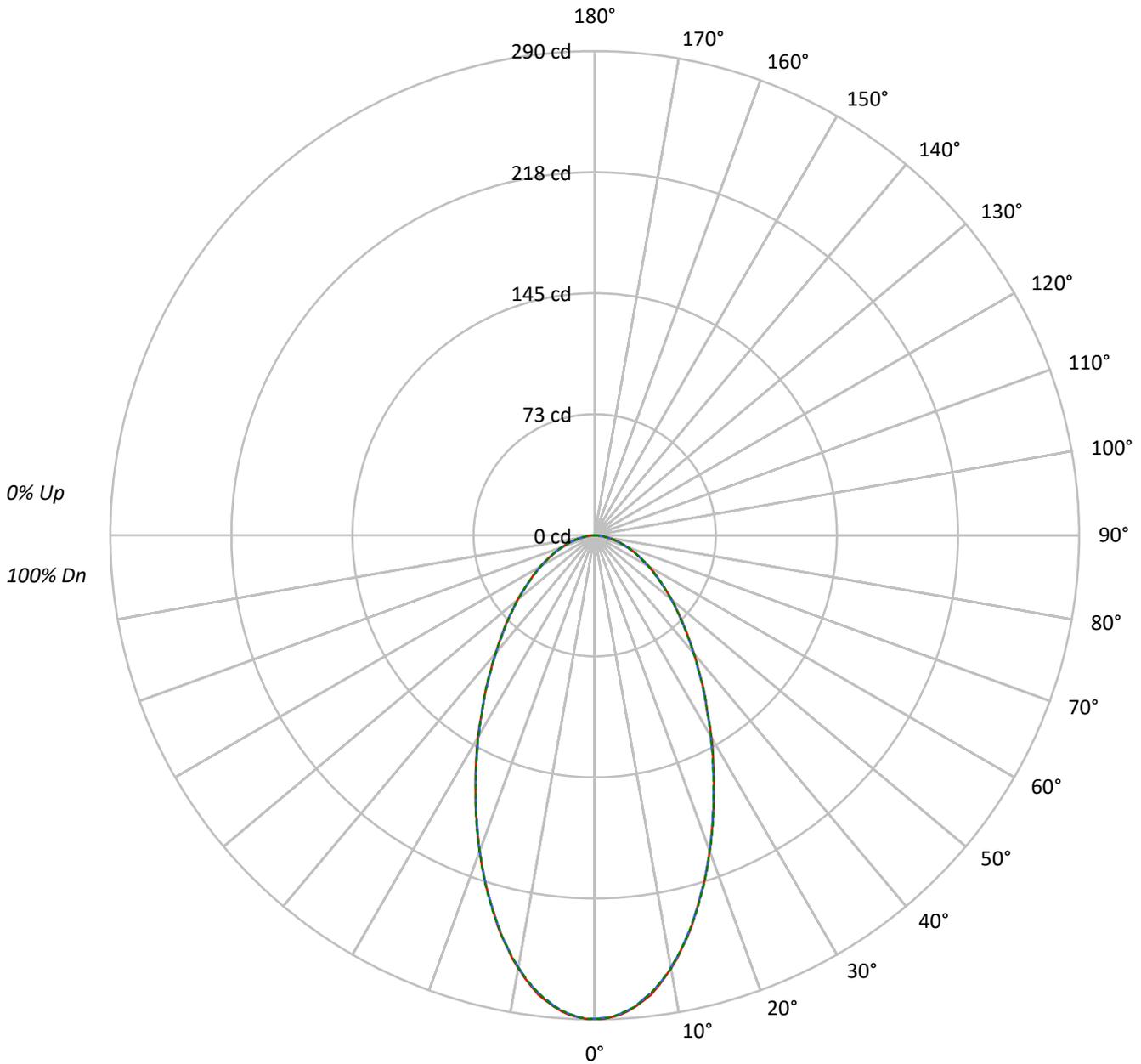
Test Method: LM-79-2019  
Report Number: P1323636  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D05R359030D2WDE010 3LSQPHRLD1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,  
3LSQPHRLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 387.0 lumens  
Efficiency: N/A  
Efficacy: 34.9 lumens/watt  
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92  
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



— 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	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68
4	88	78	71	65	86	77	70	64	75	68	64	72	67	63	70	66	62	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	54
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	37
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	35

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

	0°	45°	90°
0°	49893	49893	49893
5°	48960	48873	48960
10°	46028	45941	46028
15°	41668	41668	41757
20°	36893	36893	36893
25°	32077	31981	31981
30°	27801	27603	27702
35°	23947	23842	23947
40°	20773	20661	20773
45°	18243	18121	18121
50°	16183	16049	16049
55°	14232	14232	14232
60°	12917	12744	12917
65°	11614	11614	11614
70°	10323	10323	10323
75°	9316	8983	9316
80°	7934	7934	7934
85°	4940	4940	4940

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 18243 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	26.4	6.8
10°-20°	65.2	16.8
20°-30°	77.5	20.0
30°-40°	71.2	18.4
40°-50°	57.8	14.9
50°-60°	42.8	11.0
60°-70°	28.3	7.3
70°-80°	14.7	3.8
80°-90°	3.3	0.9
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°	169.0	43.7
0°-40°	240.2	62.1
0°-60°	340.8	88.0
0°-90°	387.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	387.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	290	290	290	290	290	
5°	283	283	283	283	283	26
15°	234	234	234	234	234	65
25°	169	168	168	169	168	78
35°	114	113	113	114	114	71
45°	75	74	74	74	74	58
55°	47	47	47	47	47	43
65°	28	28	28	28	28	28
75°	14	14	14	14	14	15
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°	289.7	289.7	289.7	289.7	289.7
1°	289.7	289.2	289.2	289.2	289.7
2°	288.7	288.7	288.7	288.7	288.7
3°	287.7	287.2	287.2	287.2	287.2
4°	285.7	285.2	285.2	285.2	285.2
5°	283.2	282.7	282.7	282.7	283.2
6°	280.2	279.7	279.2	279.2	279.7
7°	277.2	276.2	276.2	276.2	276.2
8°	272.7	272.2	272.2	272.2	272.2
9°	268.2	267.2	267.7	267.7	267.7
10°	263.2	262.7	262.7	262.7	263.2
11°	258.2	257.7	257.7	257.2	257.7
12°	252.2	252.2	252.2	252.2	252.2
13°	246.7	246.2	246.2	246.2	246.7
14°	240.7	240.2	240.2	240.2	240.2
15°	233.7	233.7	233.7	233.7	234.2
17.5°	217.8	217.3	217.8	217.8	218.3
20°	201.3	200.8	201.3	201.3	201.3
22.5°	184.8	184.8	184.3	184.8	185.3
25°	168.8	168.3	168.3	168.8	168.3
27.5°	153.8	153.3	153.3	153.3	153.3
30°	139.8	138.8	138.8	139.3	139.3
32.5°	125.4	125.4	125.9	125.4	125.4
35°	113.9	113.4	113.4	113.9	113.9
37.5°	102.4	101.9	101.9	102.4	102.4
40°	92.4	92.4	91.9	92.4	92.4
42.5°	82.9	82.9	82.9	82.9	82.9
45°	74.9	74.4	74.4	74.4	74.4
47.5°	66.9	66.9	66.9	66.4	66.9
50°	60.4	59.9	59.9	59.9	59.9
52.5°	53.4	53.4	53.4	53.4	53.4
55°	47.4	47.4	47.4	47.4	47.4
57.5°	42.5	42.0	42.0	42.0	42.0
60°	37.5	37.5	37.0	37.5	37.5
62.5°	32.5	32.5	32.5	32.5	32.5
65°	28.5	28.5	28.5	28.5	28.5
67.5°	24.5	24.5	24.5	24.5	24.5
70°	20.5	20.5	20.5	20.5	20.5
72.5°	17.5	17.0	17.0	17.0	17.0
75°	14.0	14.0	13.5	14.0	14.0
77.5°	10.5	10.5	10.5	10.5	10.5
80°	8.0	8.0	8.0	7.5	8.0
82.5°	5.0	5.0	5.0	5.0	5.0
85°	2.5	2.5	2.5	2.5	2.5
87.5°	0.5	0.5	0.5	1.0	1.0



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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)