

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: P1323928

Luminaire Tested: LDSQA3D13R359030D2WDE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

**Test Information**

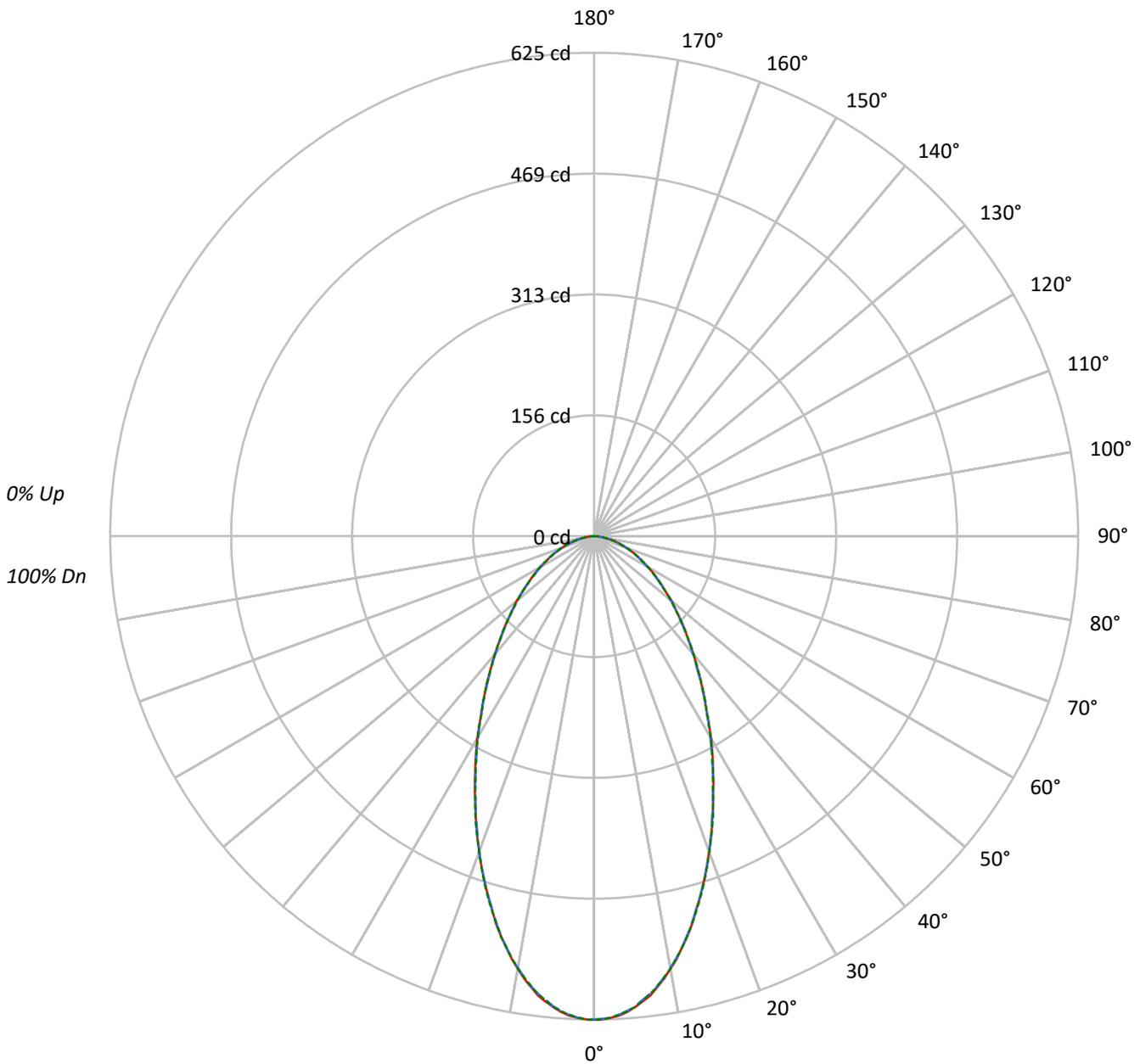
Test Method: LM-79-2019  
Report Number: P1323928  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D13R359030D2WDE010 3LSQPHRLD1MW  
Description: 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: 835.0 lumens  
Efficiency: N/A  
Efficacy: 41.5 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): 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	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	65	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	38
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°	107639	107639	107639
5°	105630	105440	105630
10°	99314	99122	99314
15°	89916	89916	90112
20°	79597	79597	79597
25°	69208	69018	69018
30°	59998	59580	59799
35°	51657	51426	51657
40°	44829	44582	44829
45°	39359	39116	39116
50°	34938	34643	34643
55°	30747	30747	30747
60°	27831	27452	27831
65°	25021	25021	25021
70°	22257	22257	22257
75°	20096	19364	20096
80°	17059	17059	17059
85°	10671	10671	10671

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 39359 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	56.9	6.8
10°-20°	140.7	16.8
20°-30°	167.2	20.0
30°-40°	153.6	18.4
40°-50°	124.7	14.9
50°-60°	92.3	11.1
60°-70°	61.0	7.3
70°-80°	31.6	3.8
80°-90°	7.1	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°	364.7	43.7
0°-40°	518.3	62.1
0°-60°	735.3	88.1
0°-90°	835.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	835.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	625	625	625	625	625	
5°	611	610	610	610	611	57
15°	504	504	504	504	505	141
25°	364	363	363	364	363	167
35°	246	245	245	246	246	154
45°	162	161	161	161	161	125
55°	102	102	102	102	102	93
65°	61	61	61	61	61	61
75°	30	30	29	30	30	32
85°	5	5	5	5	5	7
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	625.0	625.0	625.0	625.0	625.0
1°	625.0	624.0	624.0	624.0	625.0
2°	622.9	622.9	622.9	622.9	622.9
3°	620.7	619.6	619.6	619.6	619.6
4°	616.4	615.3	615.3	615.3	615.3
5°	611.0	609.9	609.9	609.9	611.0
6°	604.6	603.5	602.4	602.4	603.5
7°	598.1	595.9	595.9	595.9	595.9
8°	588.4	587.3	587.3	587.3	587.3
9°	578.7	576.5	577.6	577.6	577.6
10°	567.9	566.8	566.8	566.8	567.9
11°	557.1	556.1	556.1	555.0	556.1
12°	544.2	544.2	544.2	544.2	544.2
13°	532.4	531.3	531.3	531.3	532.4
14°	519.4	518.3	518.3	518.3	518.3
15°	504.3	504.3	504.3	504.3	505.4
17.5°	469.8	468.8	469.8	469.8	470.9
20°	434.3	433.2	434.3	434.3	434.3
22.5°	398.7	398.7	397.6	398.7	399.8
25°	364.2	363.2	363.2	364.2	363.2
27.5°	331.9	330.8	330.8	330.8	330.8
30°	301.7	299.6	299.6	300.7	300.7
32.5°	270.5	270.5	271.6	270.5	270.5
35°	245.7	244.6	244.6	245.7	245.7
37.5°	220.9	219.8	219.8	220.9	220.9
40°	199.4	199.4	198.3	199.4	199.4
42.5°	178.9	178.9	178.9	178.9	178.9
45°	161.6	160.6	160.6	160.6	160.6
47.5°	144.4	144.4	144.4	143.3	144.4
50°	130.4	129.3	129.3	129.3	129.3
52.5°	115.3	115.3	115.3	115.3	115.3
55°	102.4	102.4	102.4	102.4	102.4
57.5°	91.6	90.5	90.5	90.5	90.5
60°	80.8	80.8	79.7	80.8	80.8
62.5°	70.0	70.0	70.0	70.0	70.0
65°	61.4	61.4	61.4	61.4	61.4
67.5°	52.8	52.8	52.8	52.8	52.8
70°	44.2	44.2	44.2	44.2	44.2
72.5°	37.7	36.6	36.6	36.6	36.6
75°	30.2	30.2	29.1	30.2	30.2
77.5°	22.6	22.6	22.6	22.6	22.6
80°	17.2	17.2	17.2	16.2	17.2
82.5°	10.8	10.8	10.8	10.8	10.8
85°	5.4	5.4	5.4	5.4	5.4
87.5°	1.1	1.1	1.1	2.2	2.2



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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)