

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: P1315757

Luminaire Tested: LDSQA3D17R259735DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1315757  
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: LDSQA3D17R259735DE010 3LSQPHRLD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , 3LSQPHRLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

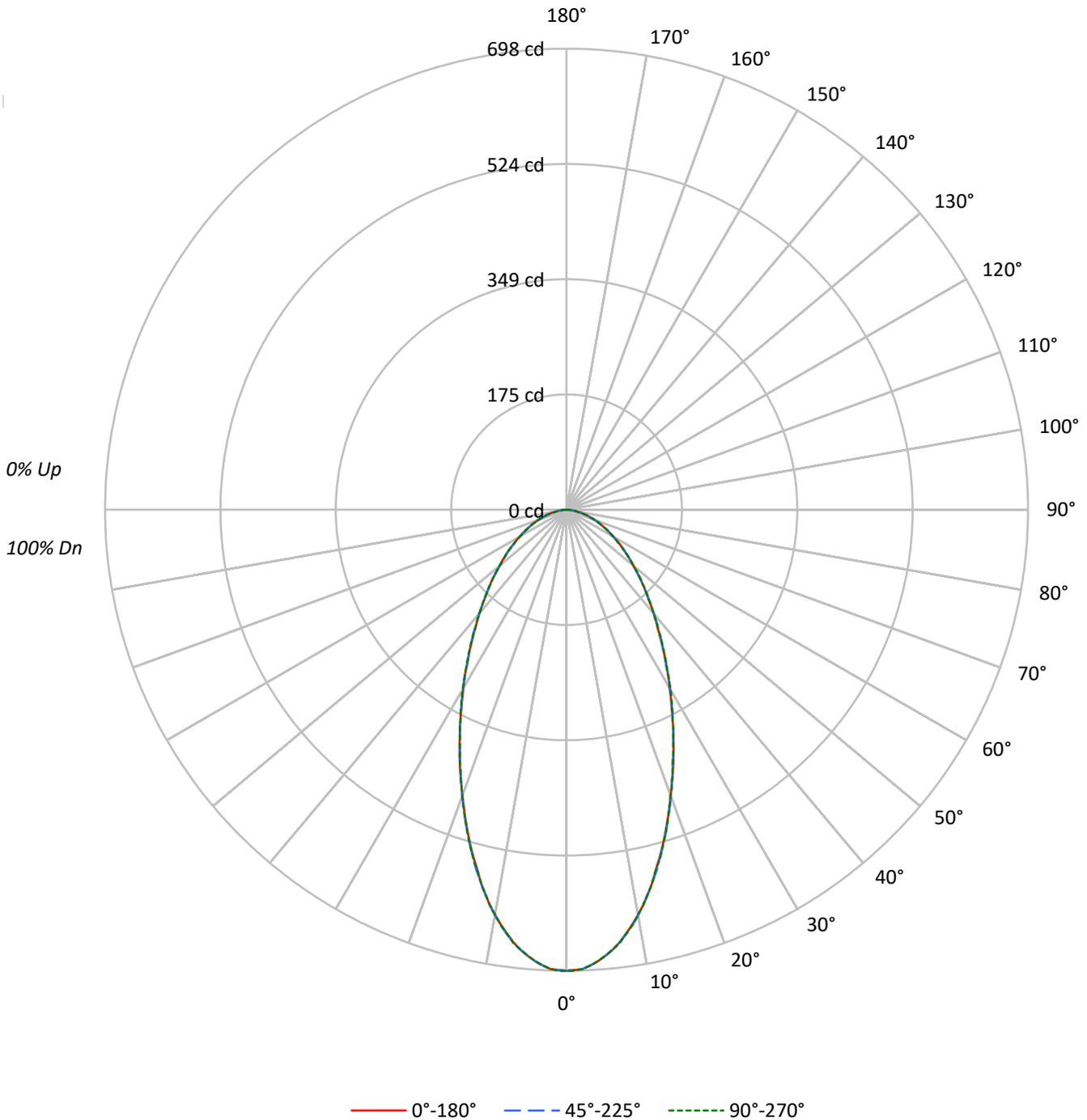
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 874.0 lumens  
Efficiency: N/A  
Efficacy: 41.2 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): 21.2  
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	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°	120229	120229	120229
5°	117161	117161	117161
10°	108862	109072	108862
15°	97101	97315	97315
20°	84417	84637	84417
25°	72704	72476	72476
30°	62026	62265	62503
35°	53213	53213	53465
40°	46111	46111	46111
45°	40309	40309	40309
50°	35340	35340	35662
55°	31708	31708	31708
60°	28107	28107	28107
65°	25429	25429	25429
70°	22962	22357	22962
75°	20761	19963	19963
80°	16662	16662	16662
85°	11856	11856	11856

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 40309 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	63.0	7.2
10°-20°	151.9	17.4
20°-30°	175.6	20.1
30°-40°	159.2	18.2
40°-50°	128.3	14.7
50°-60°	94.5	10.8
60°-70°	62.2	7.1
70°-80°	32.1	3.7
80°-90°	7.3	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
0°-30°	390.5	44.7
0°-40°	549.7	62.9
0°-60°	772.5	88.4
0°-90°	874.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	874.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	698	698	698	698	698	
5°	678	680	678	678	678	63
15°	545	546	546	545	546	152
25°	383	381	381	383	381	176
35°	253	253	253	253	254	159
45°	166	166	166	166	166	128
55°	106	106	106	104	106	95
65°	62	62	62	62	62	62
75°	31	30	30	30	30	33
85°	6	6	6	6	6	8
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	698.1	698.1	698.1	698.1	698.1
1°	696.9	699.3	696.9	696.9	698.1
2°	695.7	696.9	695.7	695.7	695.7
3°	690.9	693.3	690.9	690.9	690.9
4°	684.9	687.3	684.9	684.9	684.9
5°	677.7	680.1	677.7	677.7	677.7
6°	669.3	670.5	669.3	669.3	669.3
7°	659.7	660.9	659.7	659.7	660.9
8°	647.7	648.9	648.9	647.7	647.7
9°	635.7	636.9	636.9	635.7	636.9
10°	622.5	623.7	623.7	622.5	622.5
11°	609.3	610.5	608.1	608.1	609.3
12°	593.7	594.9	593.7	593.7	593.7
13°	578.1	578.1	578.1	578.1	578.1
14°	560.2	562.6	562.6	561.4	560.2
15°	544.6	545.8	545.8	544.6	545.8
17.5°	502.6	505.0	503.8	503.8	503.8
20°	460.6	461.8	461.8	460.6	460.6
22.5°	421.0	419.8	419.8	419.8	419.8
25°	382.6	381.4	381.4	382.6	381.4
27.5°	345.4	346.6	346.6	345.4	346.6
30°	311.9	311.9	313.1	311.9	314.3
32.5°	281.9	281.9	280.7	281.9	281.9
35°	253.1	253.1	253.1	253.1	254.3
37.5°	226.7	227.9	229.1	229.1	227.9
40°	205.1	205.1	205.1	205.1	205.1
42.5°	183.5	183.5	184.7	184.7	184.7
45°	165.5	165.5	165.5	165.5	165.5
47.5°	148.7	148.7	147.5	147.5	148.7
50°	131.9	133.1	131.9	131.9	133.1
52.5°	118.7	117.5	117.5	118.7	118.7
55°	105.6	105.6	105.6	104.4	105.6
57.5°	93.6	93.6	92.4	92.4	92.4
60°	81.6	81.6	81.6	81.6	81.6
62.5°	72.0	72.0	72.0	72.0	72.0
65°	62.4	62.4	62.4	62.4	62.4
67.5°	54.0	54.0	54.0	54.0	52.8
70°	45.6	45.6	44.4	44.4	45.6
72.5°	37.2	37.2	37.2	37.2	37.2
75°	31.2	30.0	30.0	30.0	30.0
77.5°	24.0	24.0	22.8	24.0	22.8
80°	16.8	16.8	16.8	16.8	16.8
82.5°	12.0	10.8	10.8	10.8	10.8
85°	6.0	6.0	6.0	6.0	6.0
87.5°	1.2	1.2	1.2	1.2	2.4



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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)