

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: P1314812

Luminaire Tested: LDSQA3D17R359730DE010 3LSQCDR1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1314812  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D17R359730DE010 3LSQCDR1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , 3LSQCDR1MW TRIM  
Light Source: -  
Ballast/Driver: -

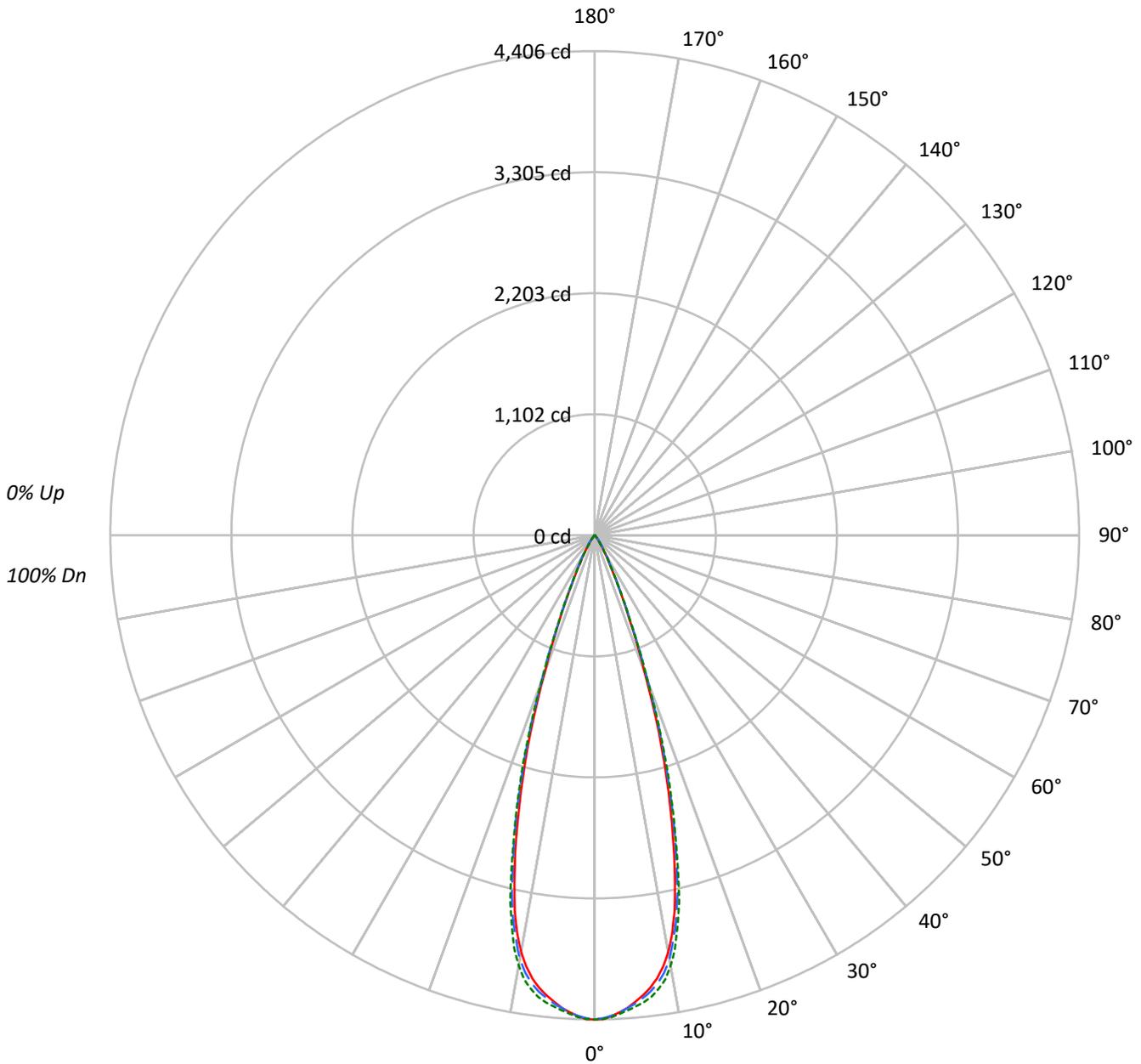
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1480.1 lumens  
Efficiency: N/A  
Efficacy: 69.8 lumens/watt  
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52  
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 (A<sub>in</sub>): 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	100		
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96		
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	93		
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	89		
4	103	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86		
5	100	94	90	86	99	93	89	86	91	88	85	90	87	85	89	86	84	83		
6	97	90	86	83	96	90	86	83	88	85	82	87	84	82	86	83	81	80		
7	94	87	83	80	93	87	82	79	85	82	79	84	81	79	83	81	78	77		
8	91	84	80	77	90	84	79	77	83	79	76	82	78	76	81	78	76	75		
9	88	81	77	74	88	81	77	74	80	76	74	79	76	74	79	76	73	72		
10	86	79	75	72	85	78	74	72	78	74	71	77	74	71	76	73	71	70		

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

	0°	45°	90°
0°	758813	758813	758813
5°	736350	738943	743939
10°	673566	685283	695793
15°	483491	501196	506348
20°	243207	257392	258015
25°	92182	95032	95469
30°	37446	42955	36750
35°	13603	20646	13119
40°	5710	8835	5463
45°	1413	3653	1413
50°	938	1554	938
55°	1051	1051	1051
60°	1206	1206	1206
65°	937	937	937
70°	604	604	604
75°	799	799	799
80°	1190	1190	1190
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 3653 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	398.4	26.9
10°-20°	742.1	50.1
20°-30°	266.9	18.0
30°-40°	56.1	3.8
40°-50°	9.6	0.7
50°-60°	3.2	0.2
60°-70°	2.3	0.2
70°-80°	1.3	0.1
80°-90°	0.2	0.0
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°	1407.4	95.1
0°-40°	1463.5	98.9
0°-60°	1476.3	99.7
0°-90°	1480.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1480.1	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	4406	4406	4406	4406	4406	
5°	4259	4267	4274	4303	4303	395
15°	2712	2759	2811	2841	2840	722
25°	485	492	500	505	502	258
35°	65	76	98	75	62	49
45°	6	9	15	9	6	7
55°	4	4	4	4	4	3
65°	2	2	2	2	2	2
75°	1	1	1	1	1	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	4406.0	4406.0	4406.0	4406.0	4406.0
1°	4403.7	4403.7	4394.4	4404.8	4401.4
2°	4379.4	4381.7	4376.0	4388.7	4387.5
3°	4345.9	4351.7	4347.1	4365.6	4359.8
4°	4310.1	4314.7	4312.4	4335.5	4333.2
5°	4259.3	4267.4	4274.3	4303.2	4303.2
6°	4207.3	4215.4	4230.4	4261.6	4272.0
7°	4147.3	4157.7	4181.9	4223.5	4230.4
8°	4071.1	4082.6	4116.1	4161.1	4170.4
9°	3976.4	3993.7	4031.8	4086.1	4091.8
10°	3851.6	3865.5	3918.6	3963.6	3978.7
11°	3689.9	3701.5	3748.8	3821.6	3830.8
12°	3493.6	3507.5	3568.7	3616.0	3625.3
13°	3245.3	3271.9	3345.8	3392.0	3417.4
14°	2990.1	3025.9	3079.0	3144.8	3128.6
15°	2711.7	2759.1	2811.0	2841.1	2839.9
17.5°	2029.2	2056.9	2103.1	2120.4	2143.5
20°	1327.0	1362.8	1404.4	1420.5	1407.8
22.5°	823.5	832.7	845.4	852.3	850.0
25°	485.1	492.0	500.1	504.7	502.4
27.5°	292.2	308.4	319.9	306.1	298.0
30°	188.3	195.2	216.0	197.5	184.8
32.5°	112.0	128.2	145.5	123.6	107.4
35°	64.7	76.2	98.2	75.1	62.4
37.5°	41.6	47.4	63.5	46.2	40.4
40°	25.4	32.3	39.3	30.0	24.3
42.5°	12.7	19.6	23.1	17.3	12.7
45°	5.8	9.2	15.0	9.2	5.8
47.5°	3.5	4.6	9.2	4.6	3.5
50°	3.5	3.5	5.8	3.5	3.5
52.5°	3.5	3.5	3.5	3.5	3.5
55°	3.5	3.5	3.5	3.5	3.5
57.5°	3.5	3.5	3.5	3.5	3.5
60°	3.5	3.5	3.5	3.5	3.5
62.5°	2.3	2.3	2.3	2.3	2.3
65°	2.3	2.3	2.3	2.3	2.3
67.5°	2.3	2.3	2.3	2.3	2.3
70°	1.2	1.2	1.2	1.2	1.2
72.5°	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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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)