

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: P1315782

Luminaire Tested: LDSQA3D17R359735DE010 3LSQCDR1MB

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1315782  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D17R359735DE010 3LSQCDR1MB  
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , 3LSQCDR1MB TRIM  
Light Source: -  
Ballast/Driver: -

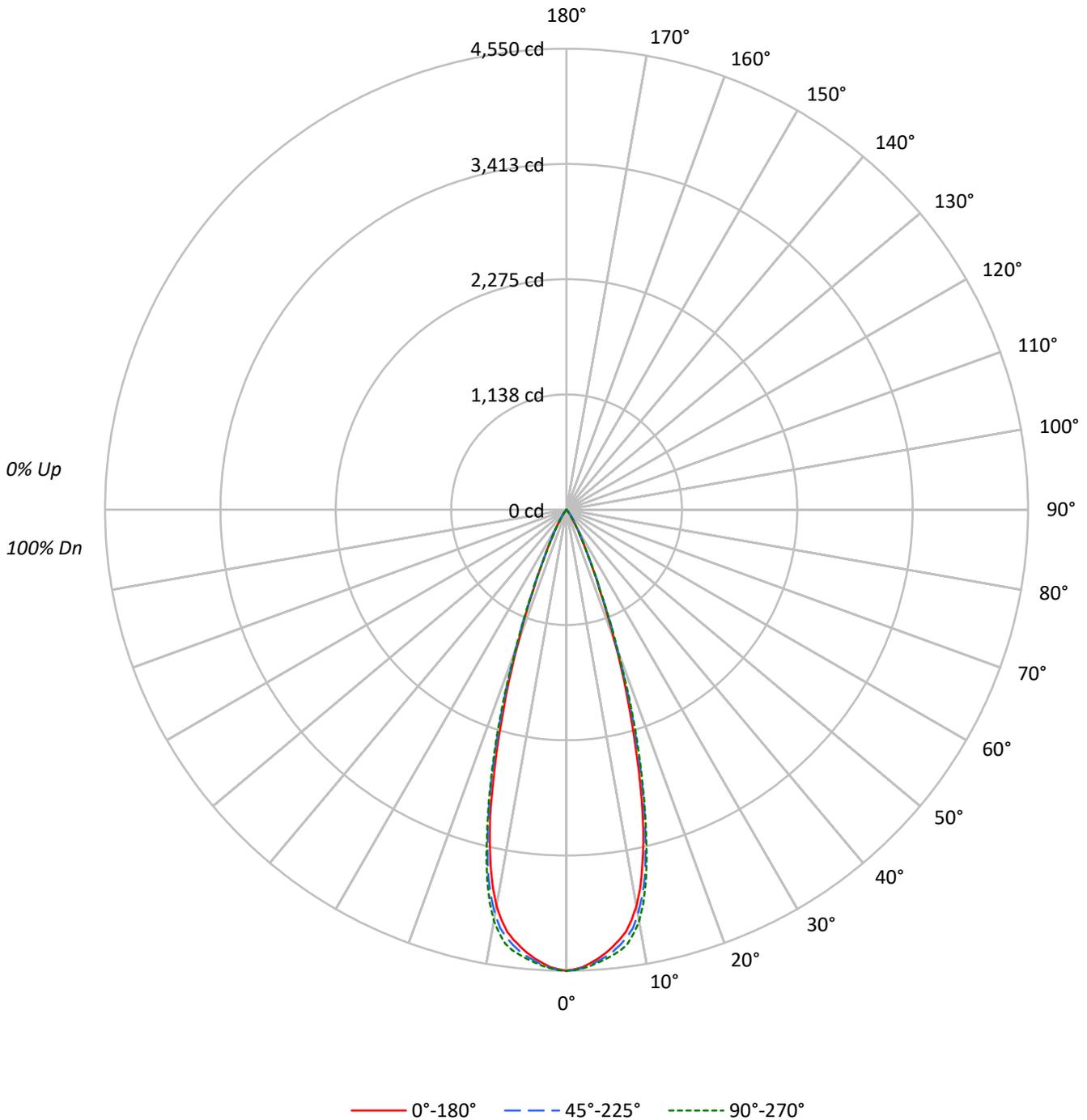
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1515.0 lumens  
Efficiency: N/A  
Efficacy: 71.5 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 (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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	95	94
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	92	91
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	88	87
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	85	84
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	82	81
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	79	78
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	77	76	75
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	74	73	72
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	71	70	69
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	69	68	67

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

	0°	45°	90°
0°	783647	783647	783647
5°	759879	765273	769422
10°	694376	709066	721238
15°	499359	521183	525462
20°	254221	266977	267637
25°	96458	98510	95773
30°	37466	43432	36512
35°	12867	20184	12110
40°	4317	7824	4047
45°	292	2630	292
50°	0	322	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 2630 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	411.9	27.2
10°-20°	767.4	50.7
20°-30°	275.8	18.2
30°-40°	53.8	3.6
40°-50°	6.0	0.4
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	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°	1455.1	96.0
0°-40°	1509.0	99.6
0°-60°	1515.0	100.0
0°-90°	1515.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1515.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	4550	4550	4550	4550	4550	
5°	4395	4407	4427	4447	4451	407
15°	2801	2848	2923	2944	2947	744
25°	508	512	518	515	504	266
35°	61	70	96	71	58	46
45°	1	4	11	4	1	3
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
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°	4550.2	4550.2	4550.2	4550.2	4550.2
1°	4537.0	4543.0	4544.2	4552.6	4543.0
2°	4517.8	4521.4	4526.2	4533.4	4528.6
3°	4480.6	4487.8	4498.6	4508.2	4508.2
4°	4441.0	4450.6	4463.8	4480.6	4479.4
5°	4395.4	4407.4	4426.6	4447.0	4450.6
6°	4337.8	4352.2	4383.4	4412.2	4417.0
7°	4276.6	4298.2	4328.2	4370.2	4381.0
8°	4204.6	4221.4	4264.6	4313.8	4325.8
9°	4099.0	4124.2	4179.4	4225.0	4232.2
10°	3970.6	3988.6	4054.6	4102.6	4124.2
11°	3805.0	3831.4	3896.2	3945.4	3959.8
12°	3593.8	3632.2	3707.8	3743.8	3755.8
13°	3365.8	3398.2	3457.0	3501.4	3511.0
14°	3109.1	3140.3	3201.5	3237.5	3229.1
15°	2800.7	2847.5	2923.1	2943.5	2947.1
17.5°	2068.7	2098.7	2165.9	2198.3	2221.1
20°	1387.1	1415.9	1456.7	1478.3	1460.3
22.5°	843.6	867.6	889.2	888.0	882.0
25°	507.6	512.4	518.4	514.8	504.0
27.5°	296.4	309.6	327.6	315.6	297.6
30°	188.4	199.2	218.4	198.0	183.6
32.5°	99.6	126.0	146.4	118.8	104.4
35°	61.2	69.6	96.0	70.8	57.6
37.5°	37.2	43.2	60.0	42.0	33.6
40°	19.2	27.6	34.8	25.2	18.0
42.5°	6.0	13.2	19.2	12.0	6.0
45°	1.2	3.6	10.8	3.6	1.2
47.5°	0.0	0.0	4.8	1.2	0.0
50°	0.0	0.0	1.2	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	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)