

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: P1319394

Luminaire Tested: LDSQA3D17R359835DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1319394  
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: LDSQA3D17R359835DE010 3LSQCDR1MMS  
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , 3LSQCDR1MMS TRIM  
Light Source: -  
Ballast/Driver: -

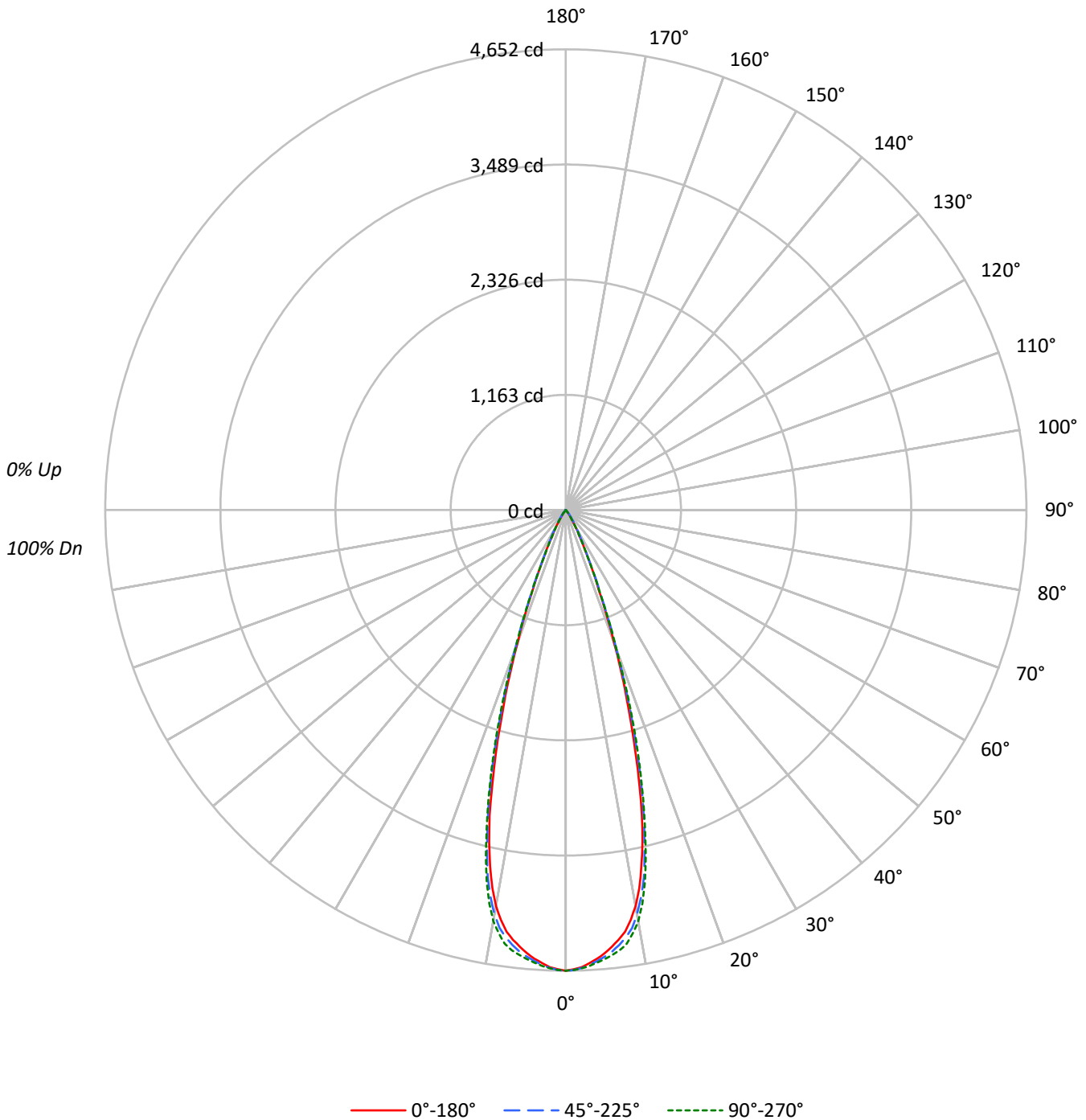
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1549.0 lumens  
Efficiency: N/A  
Efficacy: 75.9 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): 20.4  
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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	98	98	98	96
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	94	94	94	93
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	91	91	91	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	87	87	87	86
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	84	84	84	83
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	82	82	82	80
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	79	79	79	78
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	76	76	76	75
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	74	74	74	73
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	72	72	72	71

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

	0°	45°	90°
0°	801231	801231	801231
5°	776925	782440	786693
10°	709958	724980	737432
15°	510556	532879	537248
20°	259940	272971	273649
25°	98624	100714	97921
30°	38302	44407	37327
35°	13161	20646	12383
40°	4406	8004	4137
45°	292	2679	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: 2679 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	421.1	27.2
10°-20°	784.6	50.7
20°-30°	282.0	18.2
30°-40°	55.1	3.6
40°-50°	6.1	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°	1487.8	96.0
0°-40°	1542.8	99.6
0°-60°	1549.0	100.0
0°-90°	1549.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1549.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	4652	4652	4652	4652	4652	
5°	4494	4506	4526	4547	4550	416
15°	2864	2911	2989	3010	3013	761
25°	519	524	530	526	515	272
35°	63	71	98	72	59	47
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°	4652.3	4652.3	4652.3	4652.3	4652.3
1°	4638.8	4645.0	4646.2	4654.8	4645.0
2°	4619.2	4622.9	4627.8	4635.1	4630.2
3°	4581.2	4588.5	4599.6	4609.4	4609.4
4°	4540.7	4550.5	4564.0	4581.2	4579.9
5°	4494.0	4506.3	4525.9	4546.8	4550.5
6°	4435.2	4449.9	4481.8	4511.2	4516.1
7°	4372.6	4394.7	4425.3	4468.3	4479.3
8°	4299.0	4316.1	4360.3	4410.6	4422.9
9°	4191.0	4216.8	4273.2	4319.8	4327.2
10°	4059.7	4078.1	4145.6	4194.7	4216.8
11°	3890.4	3917.4	3983.7	4034.0	4048.7
12°	3674.5	3713.8	3791.0	3827.9	3840.1
13°	3441.4	3474.5	3534.6	3580.0	3589.8
14°	3178.8	3210.7	3273.3	3310.1	3301.5
15°	2863.5	2911.4	2988.7	3009.5	3013.2
17.5°	2115.1	2145.8	2214.5	2247.6	2270.9
20°	1418.3	1447.7	1489.4	1511.5	1493.1
22.5°	862.5	887.0	909.1	907.9	901.8
25°	519.0	523.9	530.0	526.3	515.3
27.5°	303.0	316.5	334.9	322.7	304.3
30°	192.6	203.7	223.3	202.4	187.7
32.5°	101.8	128.8	149.7	121.5	106.7
35°	62.6	71.2	98.2	72.4	58.9
37.5°	38.0	44.2	61.3	42.9	34.4
40°	19.6	28.2	35.6	25.8	18.4
42.5°	6.1	13.5	19.6	12.3	6.1
45°	1.2	3.7	11.0	3.7	1.2
47.5°	0.0	0.0	4.9	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)