

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: P1314073

Luminaire Tested: LDSQA3D02R089730DE010 3LSQCDR1MB

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1314073  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2408-211-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D02R089730DE010 3LSQCDR1MB  
Description: 3in Adjustable LED luminaire with, R08 optic, 3000K CCT AND, 97CRI , 3LSQCDR1MB TRIM  
Light Source: -  
Ballast/Driver: -

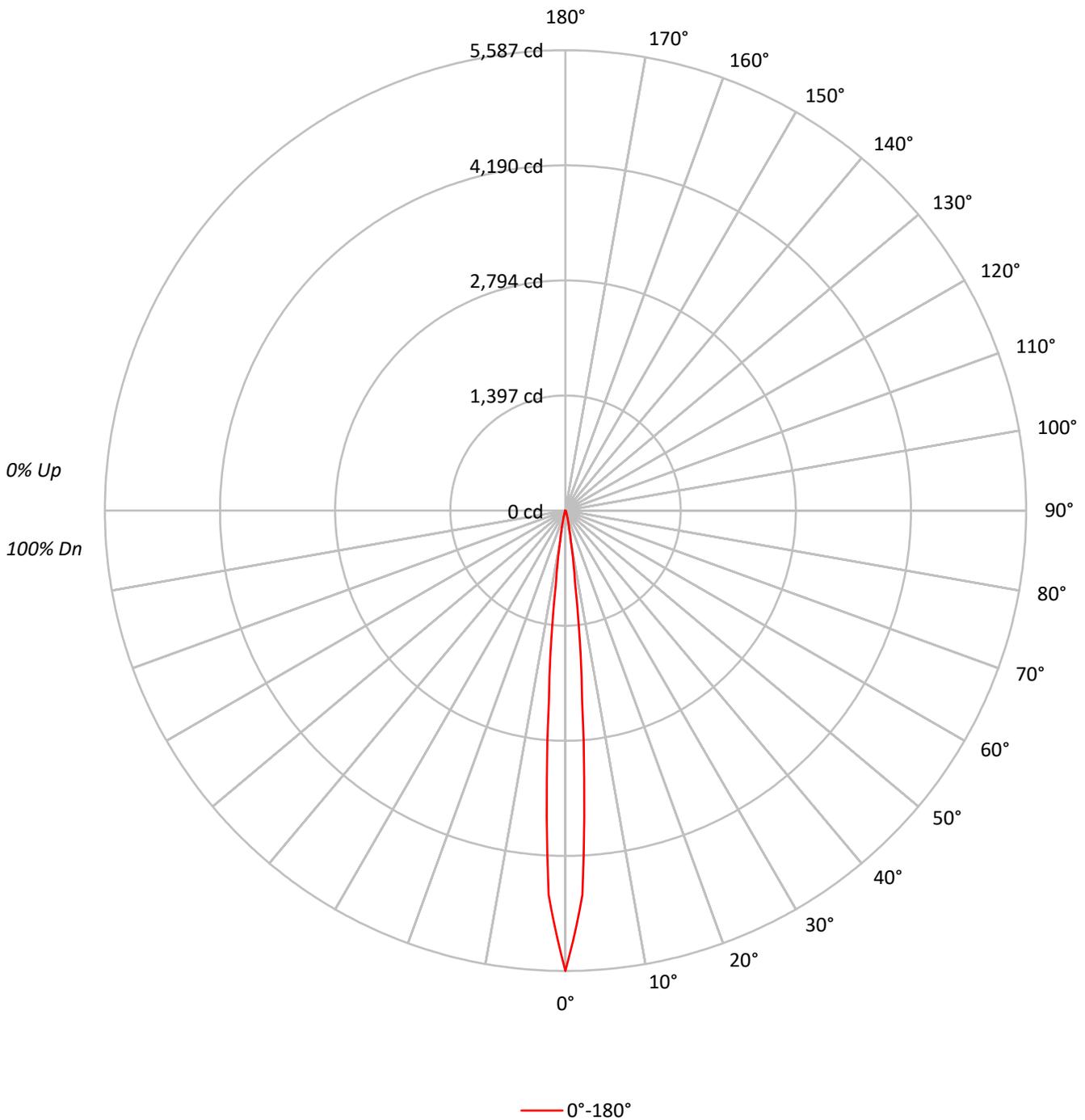
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 216.1 lumens  
Efficiency: N/A  
Efficacy: 44.1 lumens/watt  
Spacing Criteria (0/90/45): 0.16 / 0.16 / 0.16  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 4.9  
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	116	114	113	111	114	112	111	110	108	107	106	105	104	103	101	101	100	100	100	100	99
2	113	111	108	106	111	109	107	105	106	104	103	103	102	101	101	100	99	99	99	99	97
3	111	107	105	103	109	106	104	102	104	102	100	102	100	99	100	98	97	97	97	97	96
4	109	105	102	100	108	104	101	99	102	100	98	100	99	97	99	97	96	96	96	96	95
5	107	103	100	98	106	102	99	97	101	98	96	99	97	96	98	96	95	95	95	95	94
6	105	101	98	96	104	100	98	96	99	97	95	98	96	95	97	95	94	94	94	94	93
7	104	99	97	95	103	99	96	94	98	96	94	97	95	93	96	94	93	93	93	93	92
8	103	98	95	93	102	98	95	93	97	95	93	96	94	93	95	94	92	92	92	92	92
9	101	97	94	92	101	97	94	92	96	94	92	95	93	92	95	93	91	91	91	91	91
10	100	96	93	91	100	96	93	91	95	93	91	94	92	91	94	92	91	91	91	91	90

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

	0°
0°	962173
5°	401221
10°	64565
15°	18507
20°	6231
25°	2755
30°	1531
35°	1072
40°	967
45°	633
50°	455
55°	270
60°	310
65°	367
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 633 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	166.6	77.1
10°-20°	34.9	16.1
20°-30°	7.6	3.5
30°-40°	3.3	1.5
40°-50°	2.0	0.9
50°-60°	0.9	0.4
60°-70°	0.8	0.4
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°	209.1	96.7
0°-40°	212.4	98.3
0°-60°	215.3	99.6
0°-90°	216.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	216.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	5587	
5°	2321	167
15°	104	35
25°	14	8
35°	5	3
45°	3	2
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	5586.8
2.5°	4669.7
5°	2320.8
7.5°	865.2
10°	369.2
12.5°	190.6
15°	103.8
17.5°	58.7
20°	34.0
22.5°	22.1
25°	14.5
27.5°	11.1
30°	7.7
32.5°	6.0
35°	5.1
37.5°	4.3
40°	4.3
42.5°	3.4
45°	2.6
47.5°	1.7
50°	1.7
52.5°	0.9
55°	0.9
57.5°	0.9
60°	0.9
62.5°	0.9
65°	0.9
67.5°	0.9
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)