

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: P1309014

Luminaire Tested: LDSQA3D09R109030DE010 3LSQCDR1MB

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1309014  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-19)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D09R109030DE010 3LSQCDR1MB  
Description: 3in Adjustable LED luminaire with, R10 optic, 3000K CCT AND, 90CRI , 3LSQCDR1MB TRIM  
Light Source: -  
Ballast/Driver: -

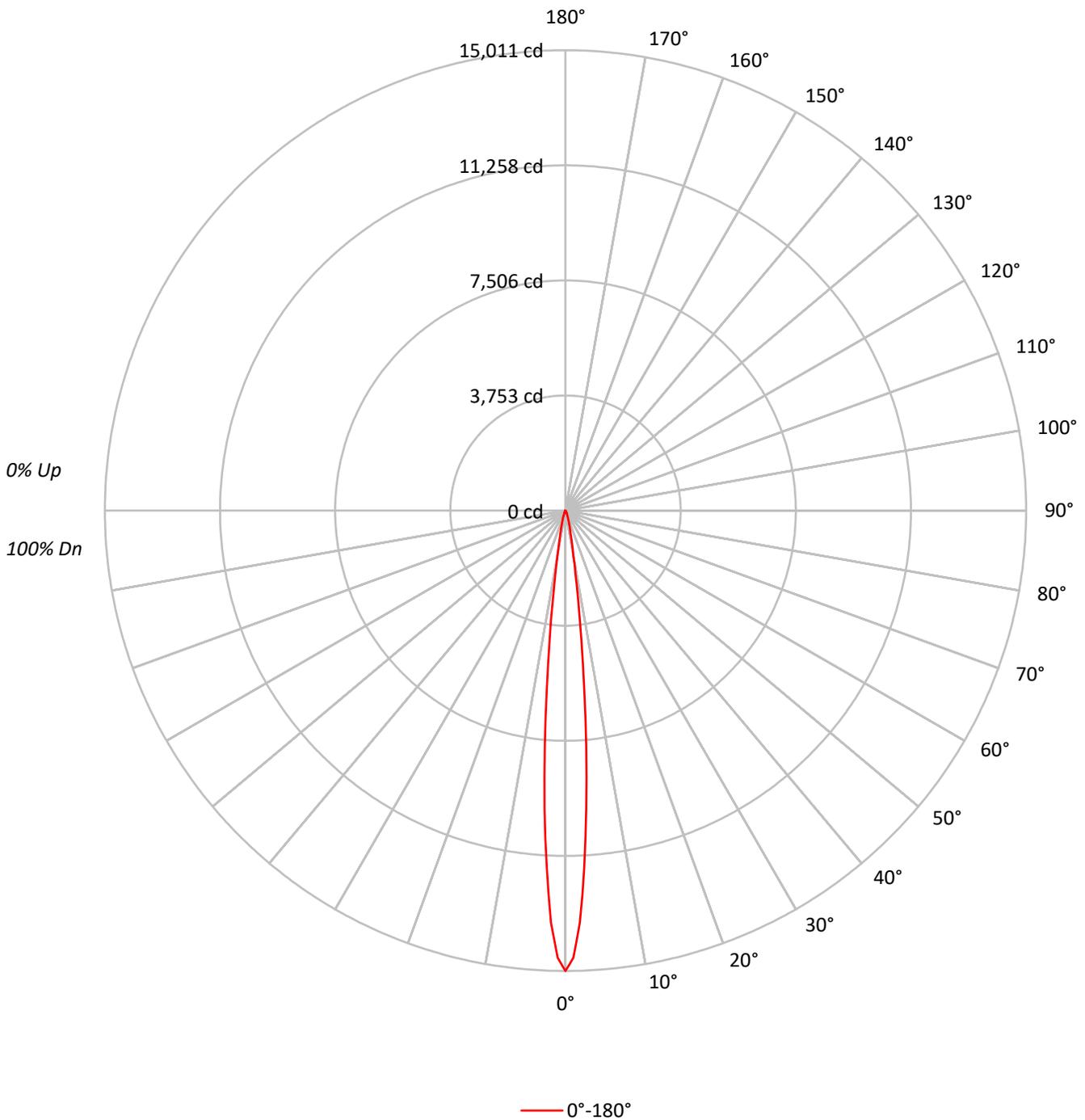
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 727.0 lumens  
Efficiency: N/A  
Efficacy: 58.2 lumens/watt  
Spacing Criteria (0/90/45): 0.18 / 0.18 / 0.18  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 12.5  
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	116	114	113	111	114	112	111	110	108	107	106	105	104	103	101	101	100		99
2	113	110	108	106	111	109	107	105	106	104	103	103	102	101	100	99	98		97
3	111	107	104	102	109	106	103	101	104	102	100	101	100	98	99	98	97		96
4	109	105	102	99	107	104	101	99	102	99	98	100	98	97	98	97	96		95
5	107	102	99	97	105	101	99	97	100	98	96	99	97	95	97	96	94		93
6	105	100	97	95	104	100	97	95	98	96	94	97	95	94	96	95	93		92
7	103	99	96	93	102	98	95	93	97	95	93	96	94	92	95	93	92		91
8	102	97	94	92	101	97	94	92	96	93	92	95	93	91	94	92	91		90
9	100	96	93	91	100	95	93	91	95	92	90	94	92	90	93	91	90		89
10	99	94	92	90	98	94	91	90	94	91	89	93	91	89	92	91	89		88

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

	0°
0°	2585303
5°	1335571
10°	262477
15°	82641
20°	36087
25°	15981
30°	8591
35°	4541
40°	1619
45°	585
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 47.5°  
 Luminance: 612 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	519.7	71.5
10°-20°	147.7	20.3
20°-30°	43.1	5.9
30°-40°	14.1	1.9
40°-50°	2.5	0.3
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°	710.4	97.7
0°-40°	724.5	99.7
0°-60°	727.0	100.0
0°-90°	727.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	727.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	15011	
5°	7725	520
15°	464	148
25°	84	43
35°	22	14
45°	2	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	15011.4
1°	14579.2
2°	13448.1
3°	11673.4
4°	9733.0
5°	7725.4
6°	5825.9
7°	4219.3
8°	2968.2
9°	2086.9
10°	1500.9
11°	1111.9
12°	854.9
13°	686.8
14°	559.5
15°	463.5
17.5°	307.4
20°	196.9
22.5°	124.9
25°	84.1
27.5°	60.0
30°	43.2
32.5°	31.2
35°	21.6
37.5°	14.4
40°	7.2
42.5°	4.8
45°	2.4
47.5°	2.4
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
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



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)