

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: IRiS

Report Number: P1246617

Luminaire Tested: P3AS09R559024DE010 E3D1LI

Issue Date: 1/29/2026

**Test Information**

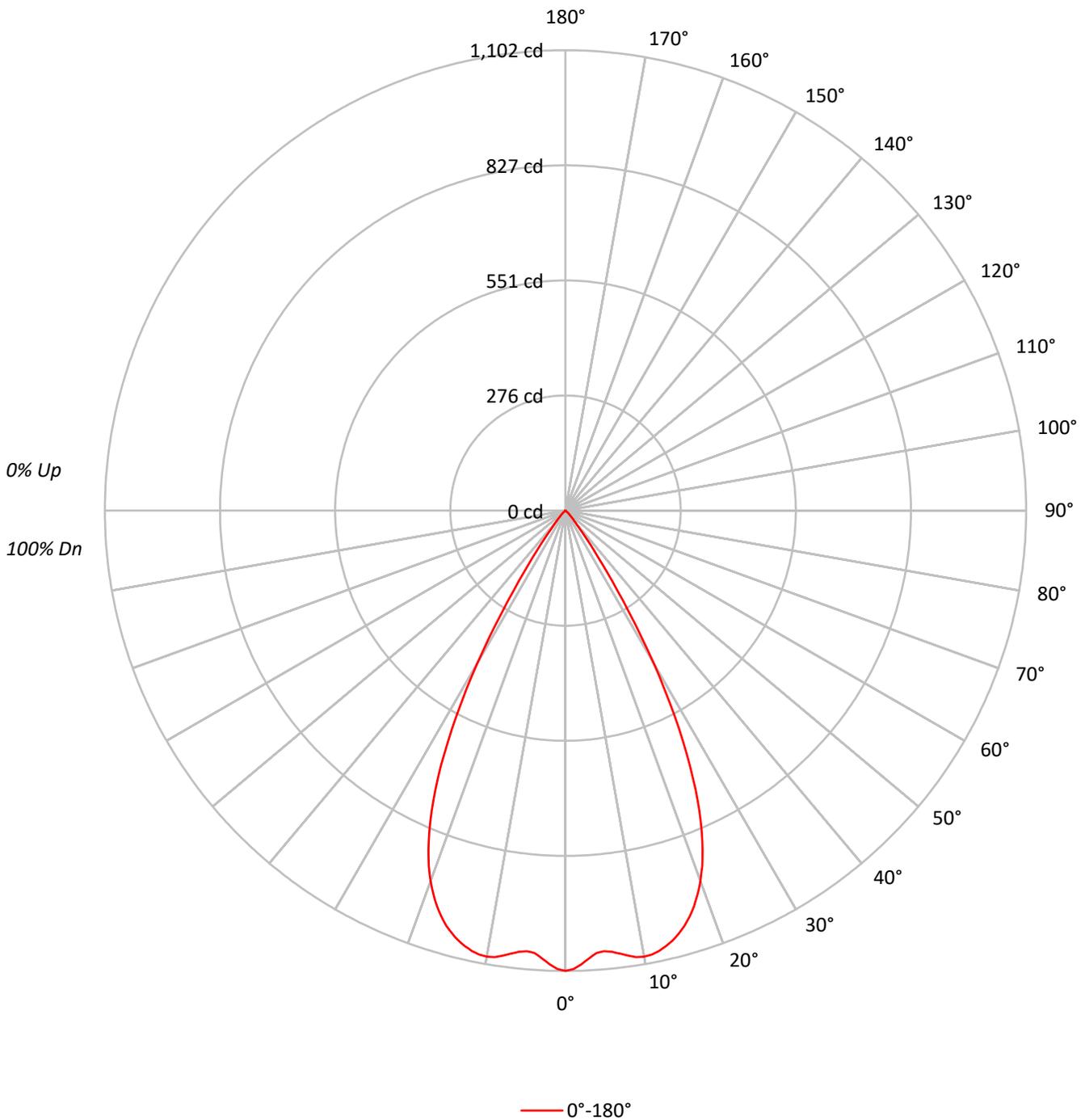
Test Method: LM-79-2019  
Report Number: P1246617  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R559024DE010 E3D1LI  
Description: 3in Adjustable LED luminaire with, R55 optic, 2400K CCT AND, 90CRI , E3D1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 833.0 lumens  
Efficiency: N/A  
Efficacy: 75.0 lumens/watt  
Spacing Criteria (0/90/45): 0.93 / 0.93 / 0.82  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11.1  
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	100			
1	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	95			
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89			
3	104	98	94	90	102	97	93	90	95	91	88	92	89	87	90	88	86	84			
4	100	93	88	84	98	92	87	84	90	86	83	88	84	82	86	83	81	79			
5	95	88	83	79	94	87	82	78	85	81	78	84	80	77	82	79	76	75			
6	91	83	78	74	90	82	77	74	81	76	73	80	76	73	78	75	72	71			
7	87	79	73	70	86	78	73	69	77	72	69	76	72	69	75	71	68	67			
8	83	75	69	66	82	74	69	66	73	69	65	72	68	65	71	68	65	63			
9	80	71	66	62	79	71	66	62	70	65	62	69	65	62	68	64	61	60			
10	77	68	62	59	76	67	62	59	67	62	59	66	62	59	65	61	58	57			

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

	0°
0°	241560
5°	233017
10°	241345
15°	237936
20°	220216
25°	178099
30°	106725
35°	36165
40°	9962
45°	4404
50°	1296
55°	229
60°	132
65°	156
70°	192
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 4404 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	102.4	12.3
10°-20°	291.8	35.0
20°-30°	324.4	38.9
30°-40°	101.0	12.1
40°-50°	12.1	1.5
50°-60°	0.9	0.1
60°-70°	0.3	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°	718.6	86.3
0°-40°	819.6	98.4
0°-60°	832.6	100.0
0°-90°	833.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	833.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1102	
5°	1059	102
15°	1048	292
25°	736	324
35°	135	101
45°	14	12
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1101.6
1°	1097.5
2°	1086.7
3°	1073.4
4°	1061.4
5°	1058.6
6°	1061.7
7°	1068.4
8°	1076.0
9°	1082.0
10°	1083.9
11°	1082.6
12°	1077.6
13°	1069.6
14°	1060.5
15°	1048.1
16°	1033.9
17°	1015.8
18°	995.6
19°	971.2
20°	943.7
21°	912.4
22°	875.3
23°	834.5
24°	787.7
25°	736.1
26°	679.4
27°	619.3
28°	555.1
29°	488.9
30°	421.5
31°	353.8
32°	287.7
32.5°	258.2
33°	227.9
34°	176.3
35°	135.1
36°	102.9
37°	76.3
37.5°	65.2
38°	56.6
39°	43.0
40°	34.8
42.5°	22.2
45°	14.2



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	8.5
50°	3.8
52.5°	1.3
55°	0.6
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.3
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)