

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: P1249767

Luminaire Tested: P3AS17R559027DE010 E3D1H

Issue Date: 1/29/2026

**Test Information**

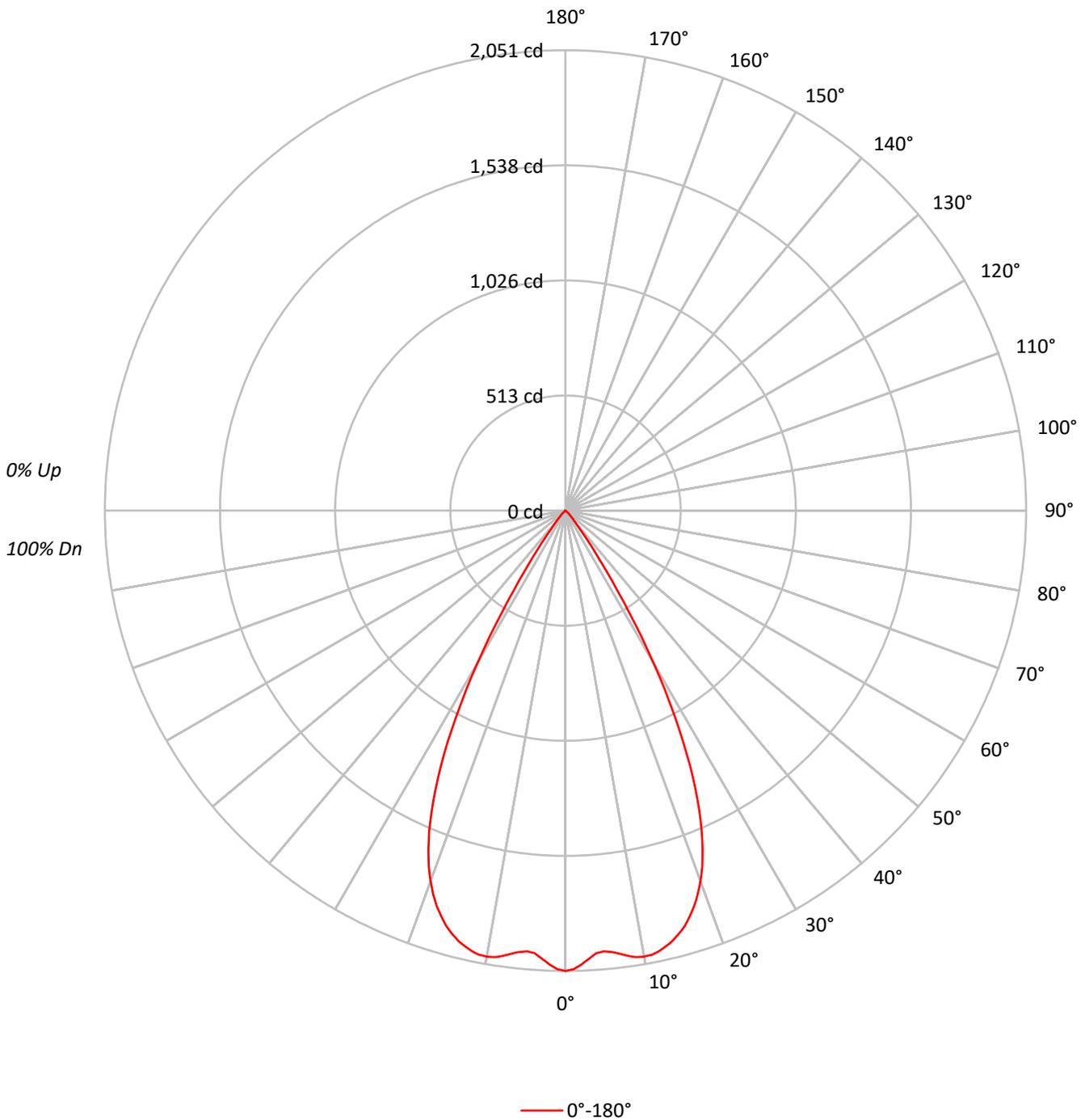
Test Method: LM-79-2019  
Report Number: P1249767  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R559027DE010 E3D1H  
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 90CRI , E3D1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1551.0 lumens  
Efficiency: N/A  
Efficacy: 73.2 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): 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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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	190.7	12.3
10°-20°	543.3	35.0
20°-30°	604.0	38.9
30°-40°	188.0	12.1
40°-50°	22.6	1.5
50°-60°	1.8	0.1
60°-70°	0.6	0.0
70°-80°	0.1	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°	1338.0	86.3
0°-40°	1526.0	98.4
0°-60°	1550.3	100.0
0°-90°	1551.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1551.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2051	
5°	1971	191
15°	1952	543
25°	1371	604
35°	252	188
45°	26	23
55°	1	2
65°	1	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2051.1
1°	2043.5
2°	2023.4
3°	1998.7
4°	1976.3
5°	1971.0
6°	1976.9
7°	1989.3
8°	2003.4
9°	2014.6
10°	2018.1
11°	2015.8
12°	2006.3
13°	1991.6
14°	1974.5
15°	1951.5
16°	1925.0
17°	1891.4
18°	1853.7
19°	1808.4
20°	1757.1
21°	1698.8
22°	1629.8
23°	1553.8
24°	1466.6
25°	1370.6
26°	1265.1
27°	1153.1
28°	1033.5
29°	910.4
30°	784.9
31°	658.8
32°	535.6
32.5°	480.8
33°	424.2
34°	328.2
35°	251.6
36°	191.5
37°	142.0
37.5°	121.4
38°	105.5
39°	80.1
40°	64.8
42.5°	41.2
45°	26.5



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	15.9
50°	7.1
52.5°	2.4
55°	1.2
57.5°	0.6
60°	0.6
62.5°	0.6
65°	0.6
67.5°	0.6
70°	0.6
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)