

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: P1301856

Luminaire Tested: P3AS17R55W2N902765DE010 E3D1LI\_5000K

Issue Date: 1/29/2026

**Test Information**

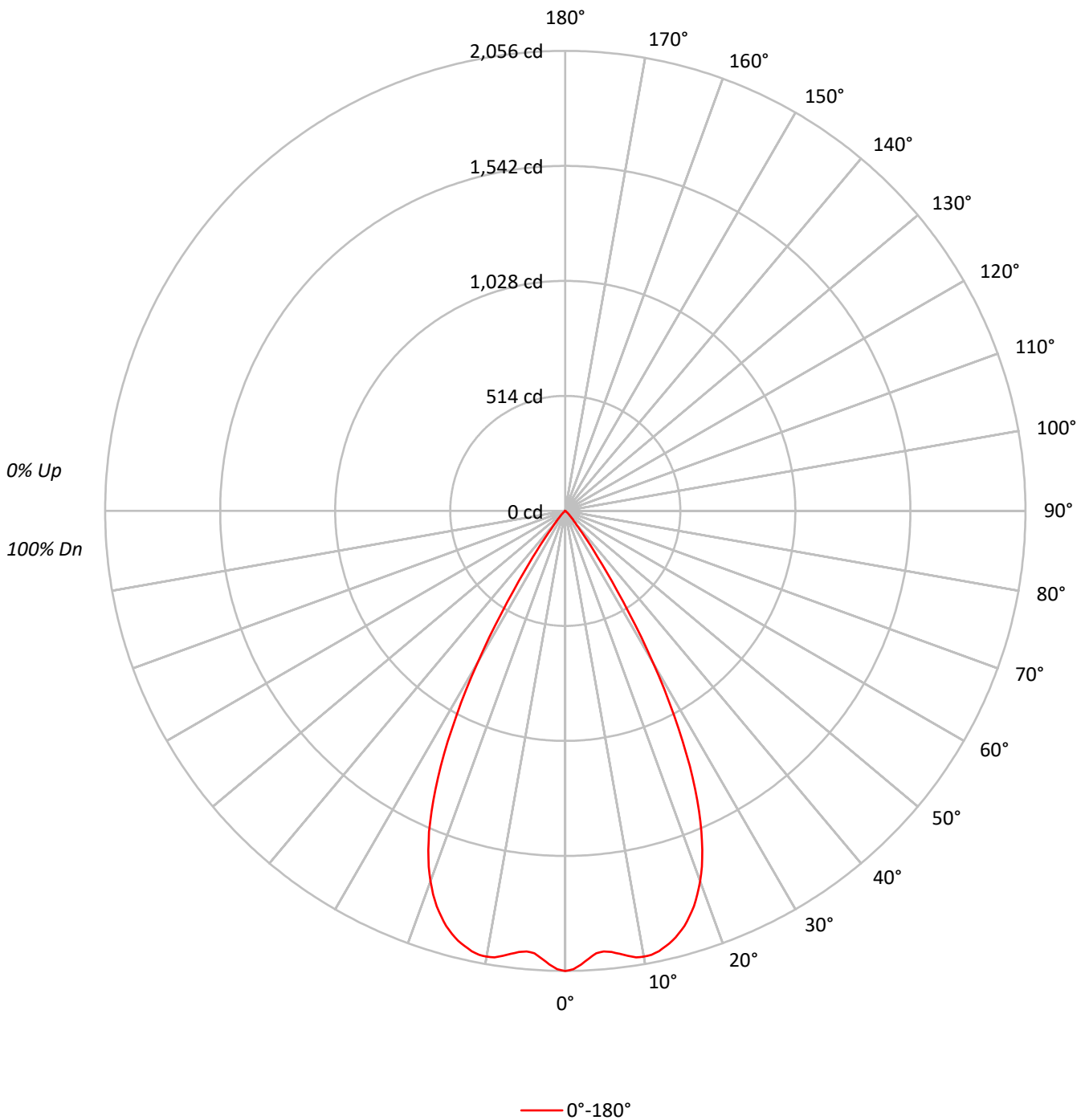
Test Method: LM-79-2019  
Report Number: P1301856  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R55W2N902765DE010 E3D1LI\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 5000K CCT AND, 90CRI ,  
E3D1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1555.0 lumens  
Efficiency: N/A  
Efficacy: 80.2 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): 19.4  
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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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	191.2	12.3
10°-20°	544.7	35.0
20°-30°	605.5	38.9
30°-40°	188.5	12.1
40°-50°	22.7	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°	1341.4	86.3
0°-40°	1530.0	98.4
0°-60°	1554.4	100.0
0°-90°	1555.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1555.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2056	
5°	1976	191
15°	1957	545
25°	1374	606
35°	252	189
45°	27	23
55°	1	2
65°	1	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2056.4
1°	2048.7
2°	2028.7
3°	2003.8
4°	1981.4
5°	1976.1
6°	1982.0
7°	1994.4
8°	2008.6
9°	2019.8
10°	2023.3
11°	2021.0
12°	2011.5
13°	1996.7
14°	1979.6
15°	1956.6
16°	1930.0
17°	1896.3
18°	1858.5
19°	1813.0
20°	1761.6
21°	1703.1
22°	1634.0
23°	1557.8
24°	1470.4
25°	1374.1
26°	1268.3
27°	1156.1
28°	1036.2
29°	912.7
30°	786.9
31°	660.5
32°	537.0
32.5°	482.1
33°	425.3
34°	329.1
35°	252.3
36°	192.0
37°	142.4
37.5°	121.7
38°	105.7
39°	80.3
40°	65.0
42.5°	41.4
45°	26.6



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	16.0
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)