

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: P1267897

Luminaire Tested: P3A17R509735DE010 E3D1WMH

Issue Date: 1/29/2026

**Test Information**

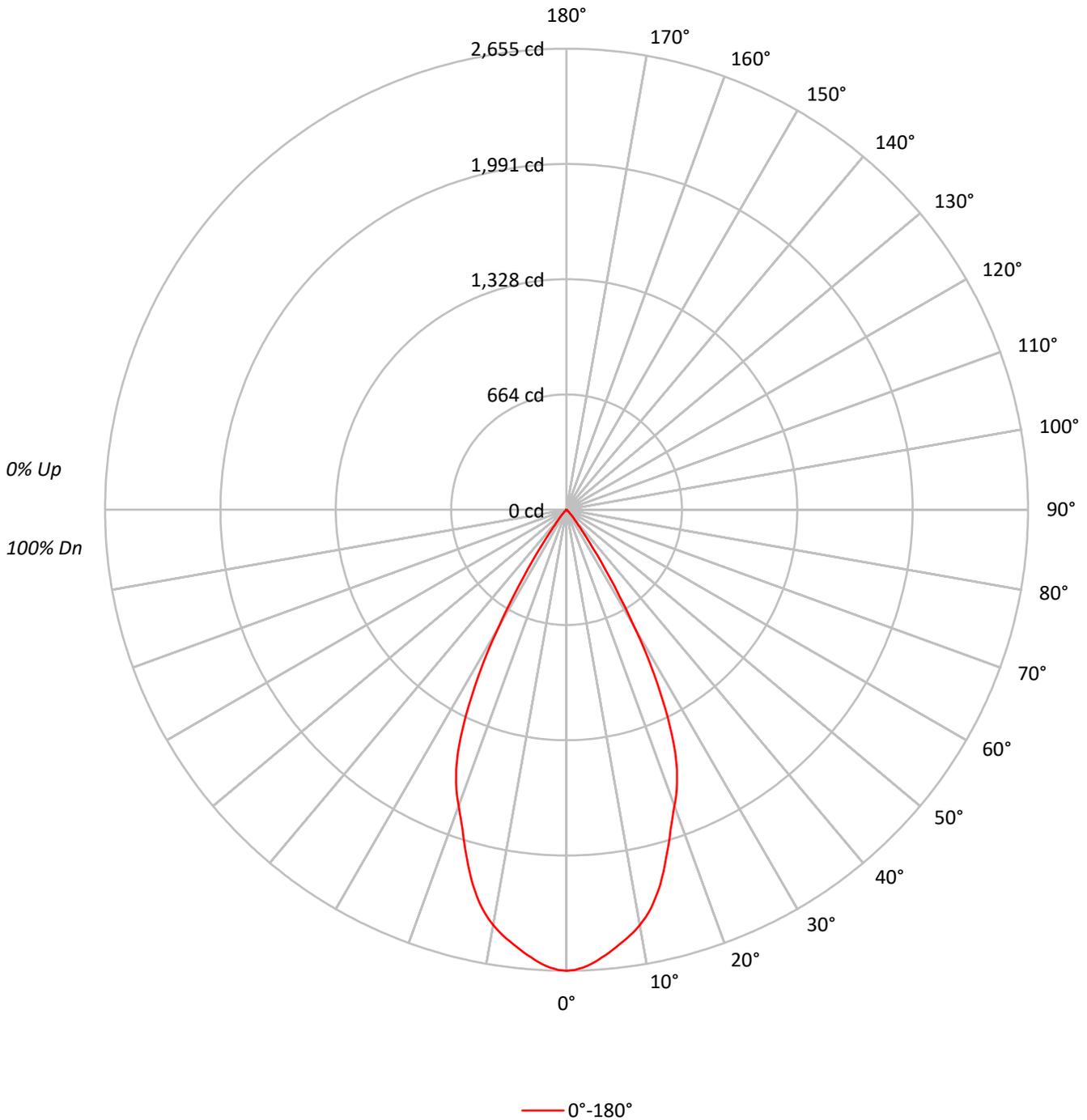
Test Method: LM-79-2019  
Report Number: P1267897  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R509735DE010 E3D1WMH  
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 97CRI , E3D1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1666.0 lumens  
Efficiency: N/A  
Efficacy: 78.6 lumens/watt  
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.77  
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°	241.1	14.5
10°-20°	597.5	35.9
20°-30°	628.1	37.7
30°-40°	179.8	10.8
40°-50°	17.6	1.1
50°-60°	1.4	0.1
60°-70°	0.5	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°	1466.7	88.0
0°-40°	1646.5	98.8
0°-60°	1665.5	100.0
0°-90°	1666.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1666.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2655	
5°	2574	241
15°	2157	598
25°	1436	628
35°	232	180
45°	19	18
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2655.0
1°	2650.9
2°	2639.2
3°	2622.1
4°	2599.2
5°	2574.5
6°	2548.1
7°	2519.9
8°	2493.4
9°	2462.8
10°	2428.7
11°	2389.4
12°	2344.1
13°	2287.7
14°	2226.5
15°	2156.6
16°	2082.5
17°	2010.8
18°	1937.4
19°	1872.7
20°	1815.1
21°	1759.8
22°	1696.9
23°	1624.7
24°	1540.0
25°	1436.0
26°	1323.1
27°	1197.3
28°	1072.1
29°	936.9
30°	788.2
31°	648.9
32°	520.8
32.5°	464.9
33°	408.5
34°	313.3
35°	231.6
36°	169.9
37°	126.4
37.5°	109.3
38°	94.6
39°	73.5
40°	58.2
42.5°	32.9
45°	18.8



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	10.6
50°	4.1
52.5°	1.8
55°	1.2
57.5°	1.2
60°	0.6
62.5°	0.6
65°	0.6
67.5°	0.6
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)