

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: P1247002

Luminaire Tested: P3A13R509024DE010 E3D1WMH

Issue Date: 1/29/2026

**Test Information**

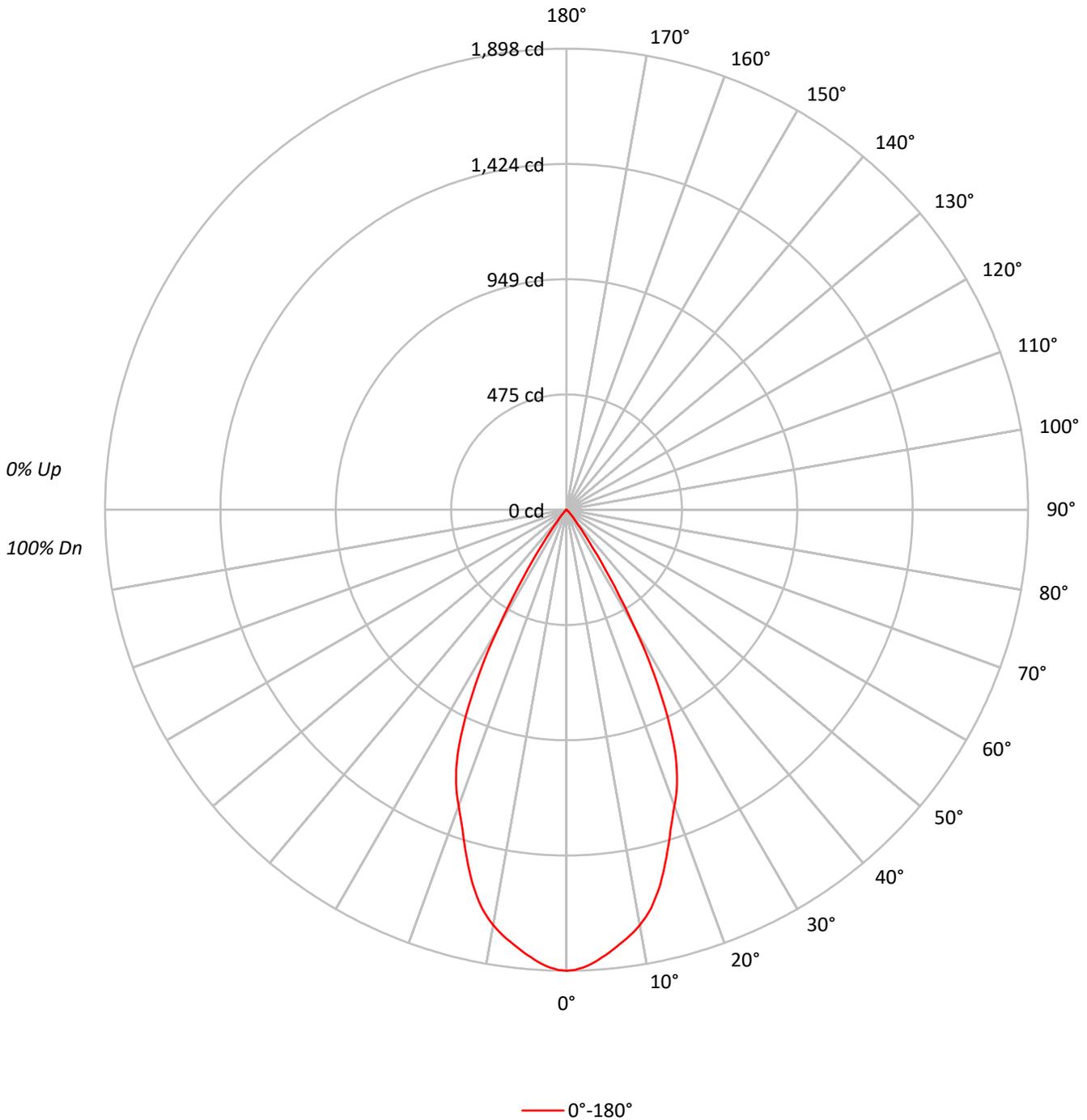
Test Method: LM-79-2019  
Report Number: P1247002  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R509024DE010 E3D1WMH  
Description: 3in Adjustable LED luminaire with, R50 optic, 2400K CCT AND, 90CRI , E3D1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1191.0 lumens  
Efficiency: N/A  
Efficacy: 81.6 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): 14.6  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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°	172.4	14.5
10°-20°	427.2	35.9
20°-30°	449.0	37.7
30°-40°	128.5	10.8
40°-50°	12.5	1.1
50°-60°	1.0	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°	1048.6	88.0
0°-40°	1177.1	98.8
0°-60°	1190.6	100.0
0°-90°	1191.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1191.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1898	
5°	1840	172
15°	1542	427
25°	1027	449
35°	166	129
45°	13	13
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1898.1
1°	1895.1
2°	1886.7
3°	1874.5
4°	1858.1
5°	1840.5
6°	1821.6
7°	1801.4
8°	1782.5
9°	1760.6
10°	1736.3
11°	1708.1
12°	1675.8
13°	1635.4
14°	1591.7
15°	1541.7
16°	1488.8
17°	1437.5
18°	1385.0
19°	1338.8
20°	1297.6
21°	1258.1
22°	1213.1
23°	1161.4
24°	1100.9
25°	1026.6
26°	945.9
27°	856.0
28°	766.5
29°	669.8
30°	563.5
31°	463.9
32°	372.3
32.5°	332.4
33°	292.0
34°	224.0
35°	165.6
36°	121.4
37°	90.3
37.5°	78.2
38°	67.7
39°	52.5
40°	41.6
42.5°	23.5
45°	13.4



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	7.6
50°	2.9
52.5°	1.3
55°	0.8
57.5°	0.8
60°	0.4
62.5°	0.4
65°	0.4
67.5°	0.4
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)