

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: P1247386

Luminaire Tested: P3A17R509024DE010 E3DL1WMH

Issue Date: 1/30/2026

**Test Information**

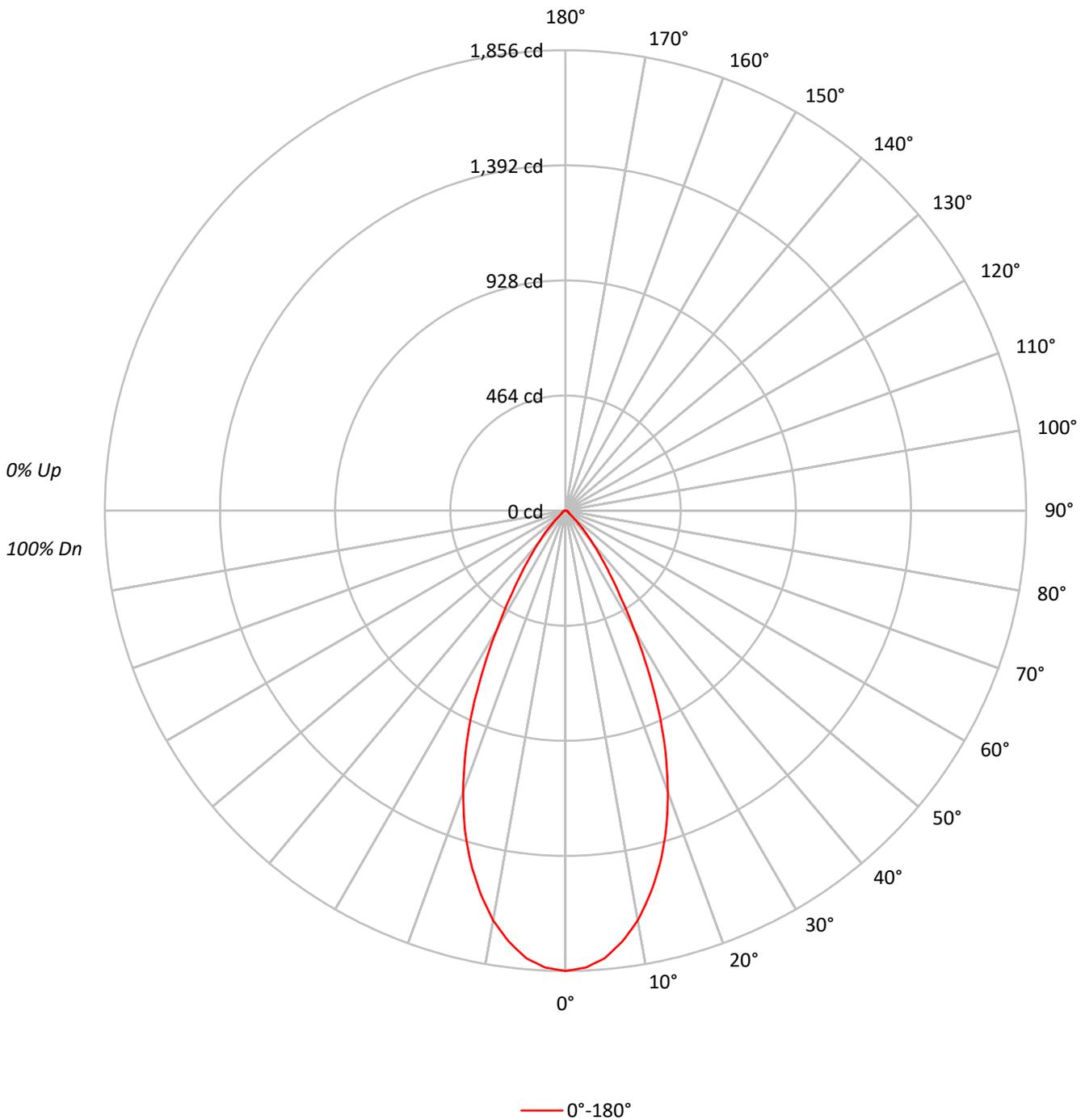
Test Method: LM-79-2019  
Report Number: P1247386  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R509024DE010 E3DL1WMH  
Description: 3in Adjustable LED luminaire with, R50 optic, 2400K CCT AND, 90CRI , E3DL1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1278.0 lumens  
Efficiency: N/A  
Efficacy: 60.3 lumens/watt  
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75  
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°	168.5	13.2
10°-20°	407.3	31.9
20°-30°	399.5	31.3
30°-40°	201.3	15.7
40°-50°	63.6	5.0
50°-60°	16.5	1.3
60°-70°	11.7	0.9
70°-80°	7.2	0.6
80°-90°	2.5	0.2
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°	975.3	76.3
0°-40°	1176.6	92.1
0°-60°	1256.7	98.3
0°-90°	1278.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1278.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1856	
5°	1811	169
15°	1473	407
25°	887	400
35°	309	201
45°	77	64
55°	18	16
65°	11	12
75°	7	7
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1855.6
2.5°	1844.2
5°	1811.3
7.5°	1752.2
10°	1677.2
12.5°	1580.6
15°	1472.6
17.5°	1347.7
20°	1205.6
22.5°	1052.2
25°	887.4
27.5°	712.5
30°	551.1
32.5°	414.7
35°	309.1
37.5°	228.4
40°	167.0
42.5°	118.2
45°	77.3
47.5°	44.3
50°	26.1
52.5°	19.3
55°	18.2
57.5°	15.9
60°	14.8
62.5°	13.6
65°	11.4
67.5°	10.2
70°	9.1
72.5°	8.0
75°	6.8
77.5°	5.7
80°	4.5
82.5°	3.4
85°	2.3
87.5°	1.1
90°	0.0

(END OF REPORT)