

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: P1246589

Luminaire Tested: P3AS09R509024DE010 E3D1MW

Issue Date: 1/30/2026

**Test Information**

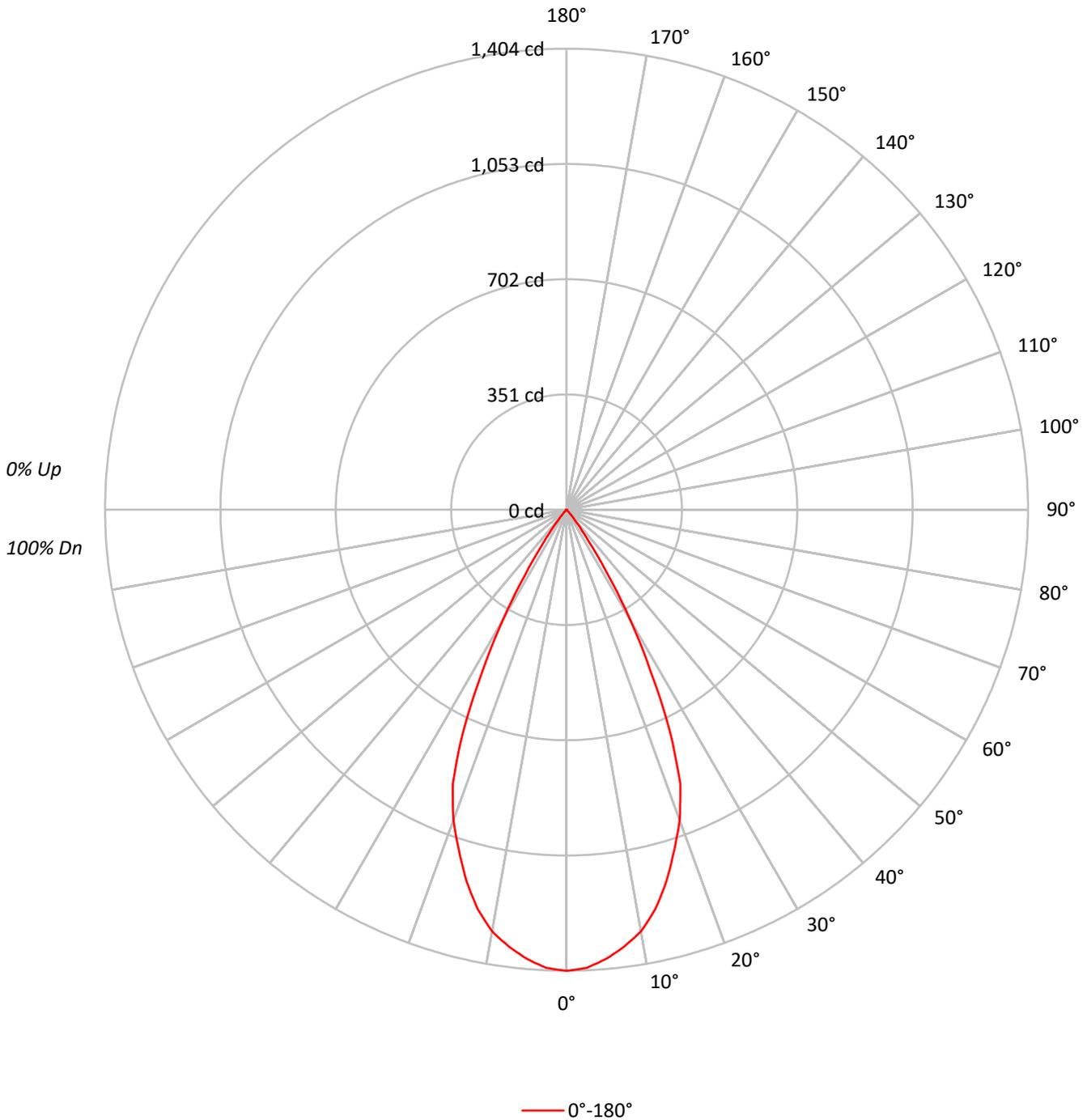
Test Method: LM-79-2019  
Report Number: P1246589  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-32)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R509024DE010 E3D1MW  
Description: 3in Adjustable LED luminaire with, R50 optic, 2400K CCT AND, 90CRI , E3D1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 883.9 lumens  
Efficiency: N/A  
Efficacy: 79.6 lumens/watt  
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.76  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11.1  
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°	128.9	14.6
10°-20°	326.0	36.9
20°-30°	326.5	36.9
30°-40°	91.8	10.4
40°-50°	5.5	0.6
50°-60°	2.1	0.2
60°-70°	1.7	0.2
70°-80°	1.1	0.1
80°-90°	0.4	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°	781.4	88.4
0°-40°	873.1	98.8
0°-60°	880.8	99.6
0°-90°	883.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	883.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1404	
5°	1374	129
15°	1173	326
25°	744	326
35°	118	92
45°	3	6
55°	3	2
65°	2	2
75°	1	1
85°	1	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1404.0
2.5°	1396.9
5°	1373.6
7.5°	1342.0
10°	1303.9
12.5°	1246.4
15°	1172.7
17.5°	1088.1
20°	1006.0
22.5°	903.9
25°	743.7
27.5°	553.7
30°	386.4
32.5°	233.2
35°	117.6
37.5°	55.6
40°	25.8
42.5°	9.7
45°	3.2
47.5°	2.6
50°	2.6
52.5°	2.6
55°	2.6
57.5°	1.9
60°	1.9
62.5°	1.9
65°	1.9
67.5°	1.3
70°	1.3
72.5°	1.3
75°	1.3
77.5°	0.6
80°	0.6
82.5°	0.6
85°	0.6
87.5°	0.0
90°	0.0

(END OF REPORT)