

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: P1255845

Luminaire Tested: P3A24R509035D010 E3D1WH

Issue Date: 1/29/2026

**Test Information**

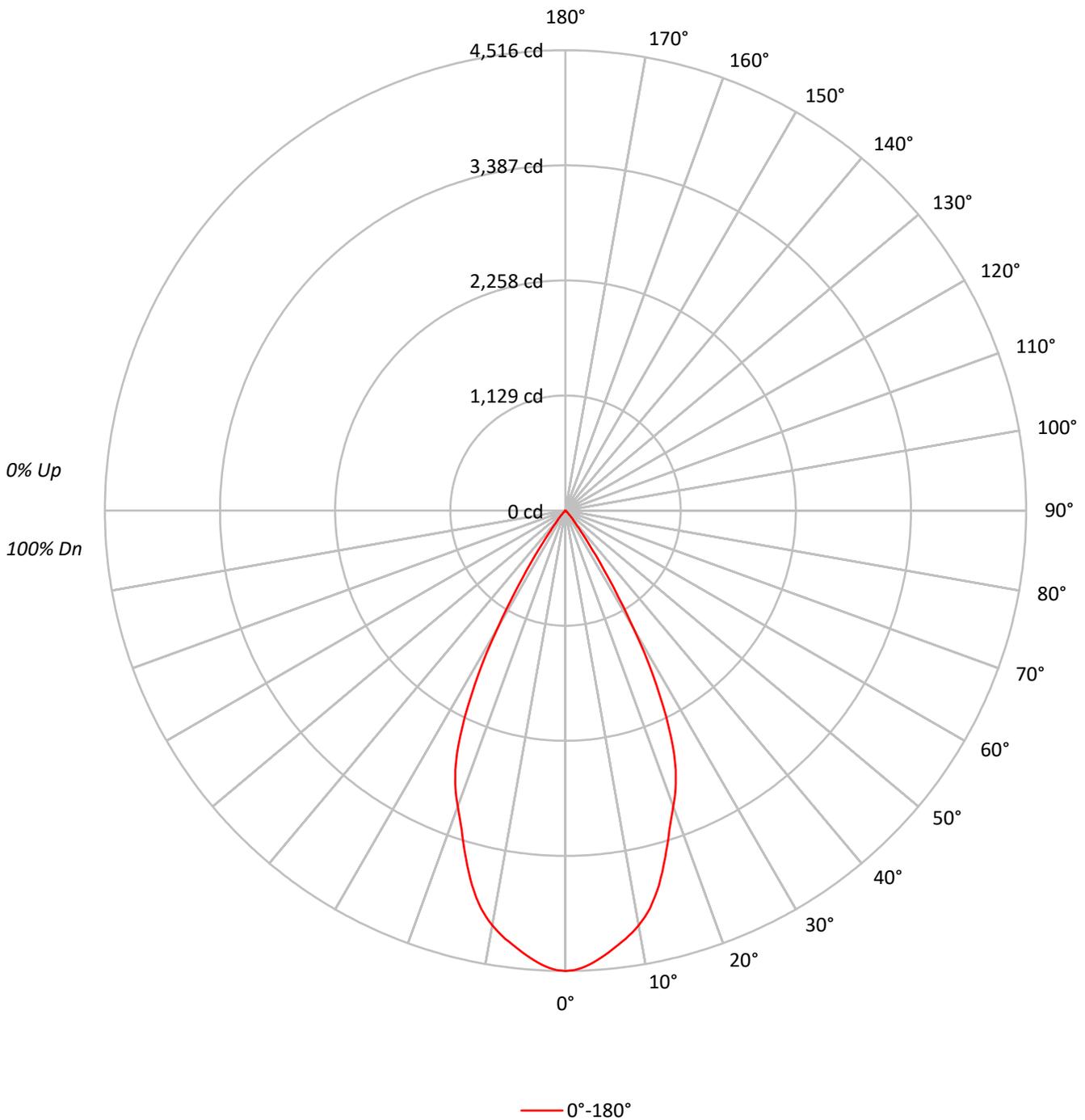
Test Method: LM-79-2019  
Report Number: P1255845  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A24R509035D010 E3D1WH  
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 90CRI , E3D1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2834.0 lumens  
Efficiency: N/A  
Efficacy: 98.4 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): 28.8  
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°	410.2	14.5
10°-20°	1016.5	35.9
20°-30°	1068.4	37.7
30°-40°	305.8	10.8
40°-50°	29.9	1.1
50°-60°	2.4	0.1
60°-70°	0.9	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°	2495.1	88.0
0°-40°	2800.8	98.8
0°-60°	2833.1	100.0
0°-90°	2834.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2834.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	4516	
5°	4380	410
15°	3669	1016
25°	2443	1068
35°	394	306
45°	32	30
55°	2	2
65°	1	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	4516.4
1°	4509.5
2°	4489.5
3°	4460.5
4°	4421.5
5°	4379.5
6°	4334.5
7°	4286.5
8°	4241.5
9°	4189.5
10°	4131.5
11°	4064.5
12°	3987.5
13°	3891.5
14°	3787.5
15°	3668.6
16°	3542.6
17°	3420.6
18°	3295.6
19°	3185.6
20°	3087.6
21°	2993.6
22°	2886.6
23°	2763.7
24°	2619.7
25°	2442.7
26°	2250.7
27°	2036.8
28°	1823.8
29°	1593.8
30°	1340.8
31°	1103.9
32°	885.9
32.5°	790.9
33°	694.9
34°	532.9
35°	394.0
36°	289.0
37°	215.0
37.5°	186.0
38°	161.0
39°	125.0
40°	99.0
42.5°	56.0
45°	32.0



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	18.0
50°	7.0
52.5°	3.0
55°	2.0
57.5°	2.0
60°	1.0
62.5°	1.0
65°	1.0
67.5°	1.0
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)