

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: P1293555

Luminaire Tested: P3A09R45W2N902750DE010 E3DLD1H\_5000K

Issue Date: 1/30/2026

**Test Information**

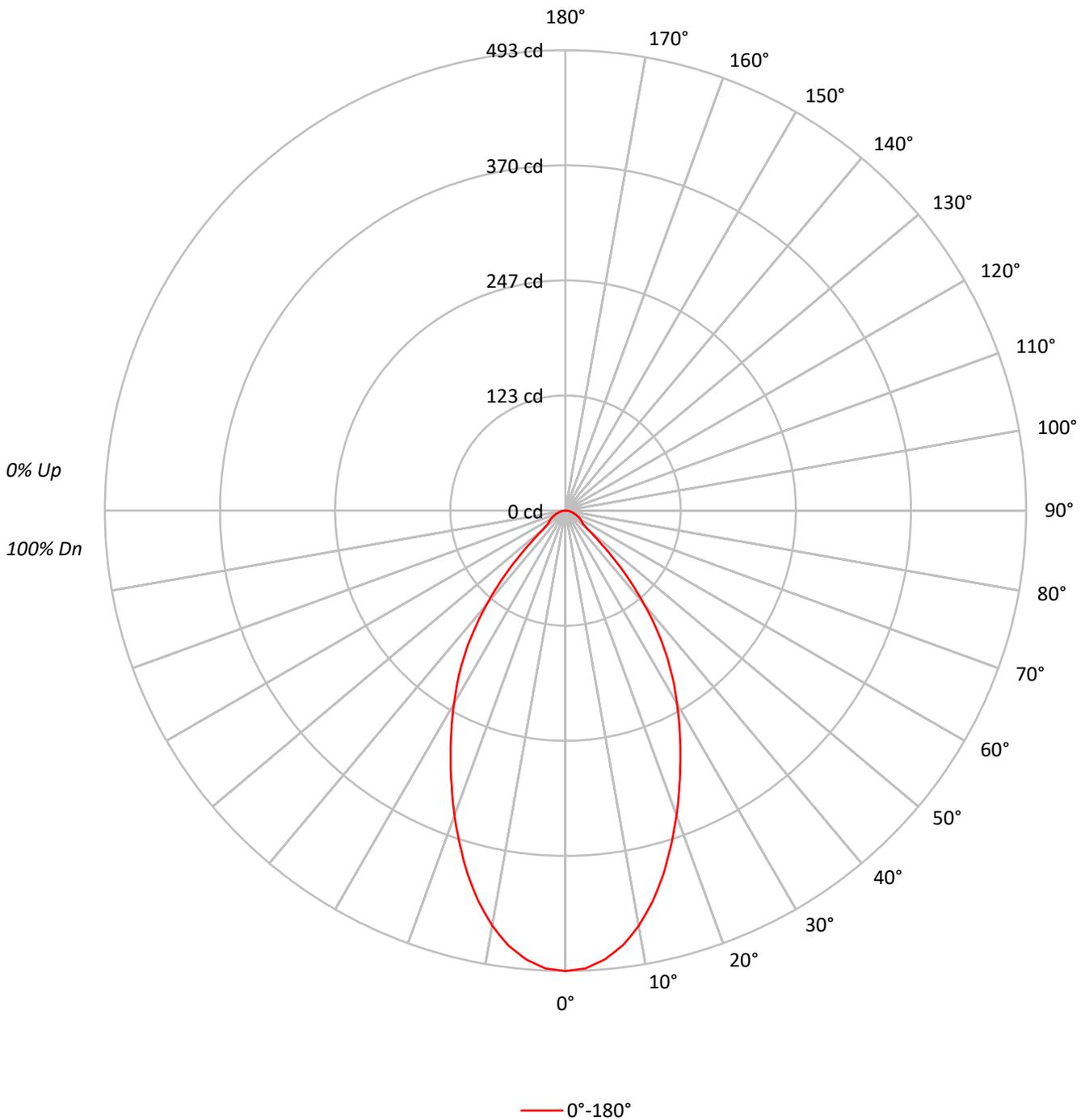
Test Method: LM-79-2019  
Report Number: P1293555  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A09R45W2N902750DE010 E3DLD1H\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 5000K CCT AND, 90CRI ,  
E3DLD1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 510.0 lumens  
Efficiency: N/A  
Efficacy: 56.7 lumens/watt  
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 9  
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°	45.1	8.8
10°-20°	112.4	22.0
20°-30°	133.6	26.2
30°-40°	116.1	22.8
40°-50°	58.2	11.4
50°-60°	20.2	4.0
60°-70°	14.2	2.8
70°-80°	7.9	1.5
80°-90°	2.4	0.5
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°	291.1	57.1
0°-40°	407.1	79.8
0°-60°	485.6	95.2
0°-90°	510.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	510.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	493	
5°	482	45
15°	404	112
25°	291	134
35°	188	116
45°	74	58
55°	22	20
65°	14	14
75°	8	8
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	493.1
2.5°	490.8
5°	482.5
7.5°	469.6
10°	451.4
12.5°	429.1
15°	403.8
17.5°	375.6
20°	347.4
22.5°	318.6
25°	290.9
27.5°	264.5
30°	238.6
32.5°	213.9
35°	188.1
37.5°	160.5
40°	131.1
42.5°	102.3
45°	74.1
47.5°	48.8
50°	31.2
52.5°	24.1
55°	21.7
57.5°	20.0
60°	18.2
62.5°	16.5
65°	14.1
67.5°	12.3
70°	10.6
72.5°	8.8
75°	7.6
77.5°	5.9
80°	4.7
82.5°	3.5
85°	1.8
87.5°	1.2
90°	0.0

(END OF REPORT)