

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: P1289774

Luminaire Tested: P3A05R45W2N902750DE010 E3DLD1WH\_4000K

Issue Date: 1/30/2026

**Test Information**

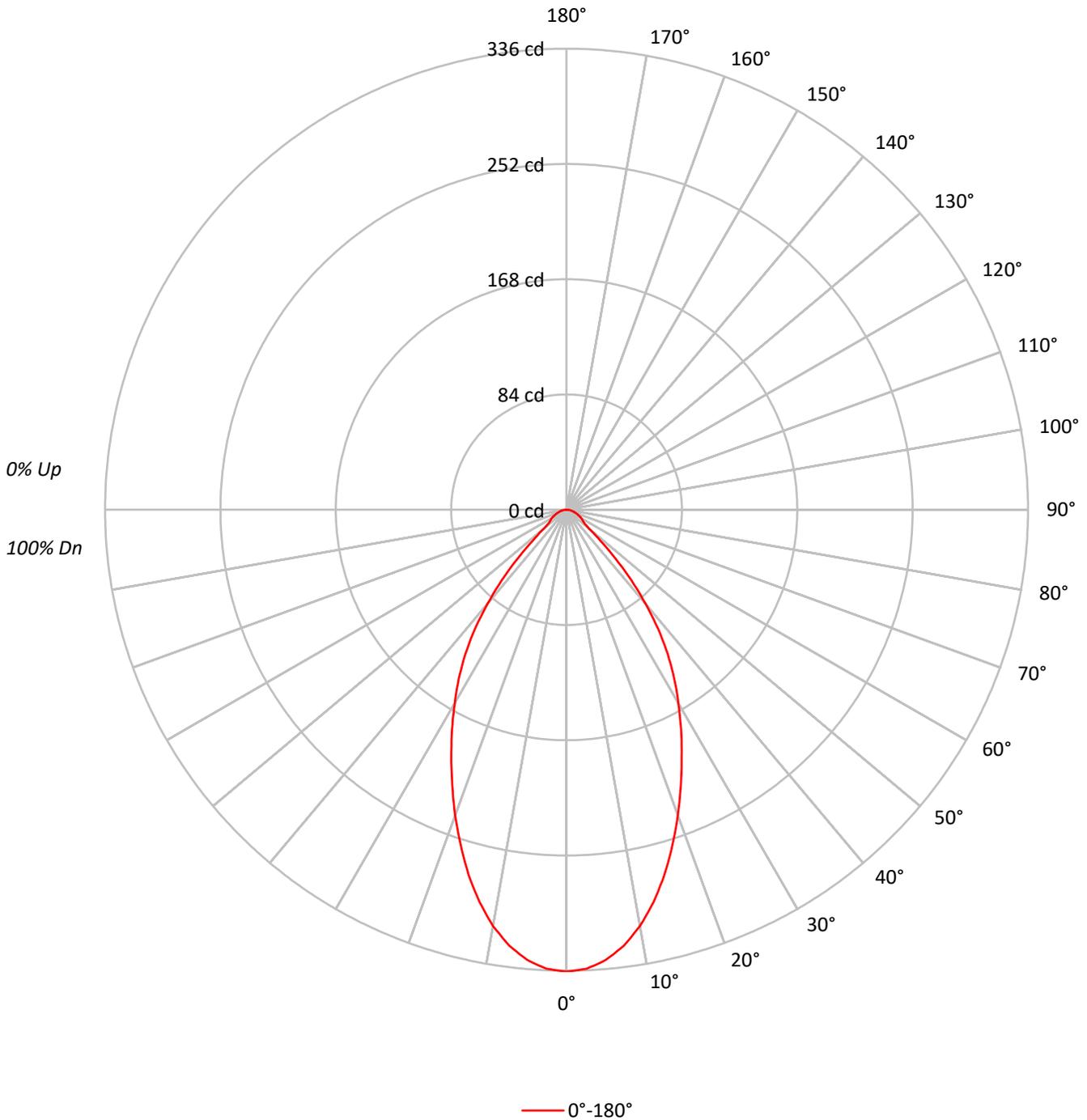
Test Method: LM-79-2019  
Report Number: P1289774  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R45W2N902750DE010 E3DLD1WH\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 4000K CCT AND, 90CRI ,  
E3DLD1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 347.9 lumens  
Efficiency: N/A  
Efficacy: 59.0 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): 5.9  
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°	30.8	8.8
10°-20°	76.7	22.0
20°-30°	91.1	26.2
30°-40°	79.2	22.8
40°-50°	39.7	11.4
50°-60°	13.8	4.0
60°-70°	9.6	2.8
70°-80°	5.4	1.5
80°-90°	1.6	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°	198.6	57.1
0°-40°	277.8	79.8
0°-60°	331.3	95.2
0°-90°	347.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	347.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	336	
5°	329	31
15°	276	77
25°	198	91
35°	128	79
45°	50	40
55°	15	14
65°	10	10
75°	5	5
85°	1	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	336.5
2.5°	334.9
5°	329.3
7.5°	320.4
10°	308.0
12.5°	292.8
15°	275.5
17.5°	256.3
20°	237.0
22.5°	217.4
25°	198.5
27.5°	180.5
30°	162.8
32.5°	146.0
35°	128.3
37.5°	109.5
40°	89.4
42.5°	69.8
45°	50.5
47.5°	33.3
50°	21.3
52.5°	16.4
55°	14.8
57.5°	13.6
60°	12.4
62.5°	11.2
65°	9.6
67.5°	8.4
70°	7.2
72.5°	6.0
75°	5.2
77.5°	4.0
80°	3.2
82.5°	2.4
85°	1.2
87.5°	0.8
90°	0.0

(END OF REPORT)