

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: P1297353

Luminaire Tested: P3A13R45W2N902750DE010 E3DLD1LI\_3500K

Issue Date: 1/30/2026

**Test Information**

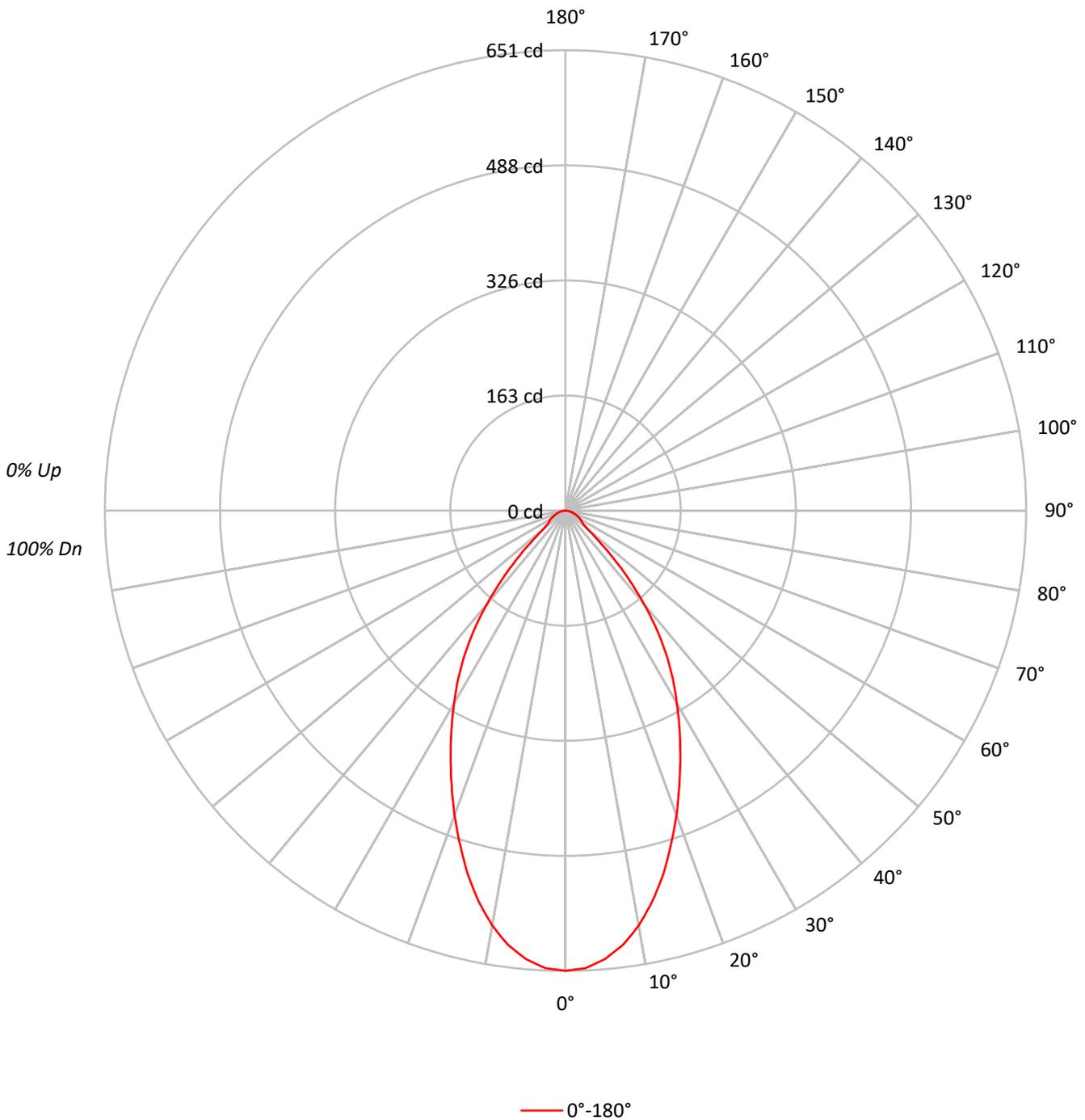
Test Method: LM-79-2019  
Report Number: P1297353  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R45W2N902750DE010 E3DLD1LI\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 3500K CCT AND, 90CRI ,  
E3DLD1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 673.0 lumens  
Efficiency: N/A  
Efficacy: 54.7 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): 12.3  
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°	59.5	8.8
10°-20°	148.4	22.0
20°-30°	176.3	26.2
30°-40°	153.1	22.8
40°-50°	76.8	11.4
50°-60°	26.7	4.0
60°-70°	18.7	2.8
70°-80°	10.4	1.6
80°-90°	3.2	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°	384.1	57.1
0°-40°	537.2	79.8
0°-60°	640.7	95.2
0°-90°	673.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	673.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	651	
5°	637	59
15°	533	148
25°	384	176
35°	248	153
45°	98	77
55°	29	27
65°	19	19
75°	10	10
85°	2	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	650.7
2.5°	647.6
5°	636.8
7.5°	619.7
10°	595.7
12.5°	566.2
15°	532.8
17.5°	495.6
20°	458.4
22.5°	420.4
25°	383.9
27.5°	349.0
30°	314.9
32.5°	282.3
35°	248.2
37.5°	211.7
40°	173.0
42.5°	135.0
45°	97.7
47.5°	64.4
50°	41.1
52.5°	31.8
55°	28.7
57.5°	26.4
60°	24.0
62.5°	21.7
65°	18.6
67.5°	16.3
70°	14.0
72.5°	11.6
75°	10.1
77.5°	7.8
80°	6.2
82.5°	4.7
85°	2.3
87.5°	1.6
90°	0.0

(END OF REPORT)