

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: P1297397

Luminaire Tested: P3A13R45W2N902750DE010 E3DLP1WMH\_3000K

Issue Date: 1/30/2026

**Test Information**

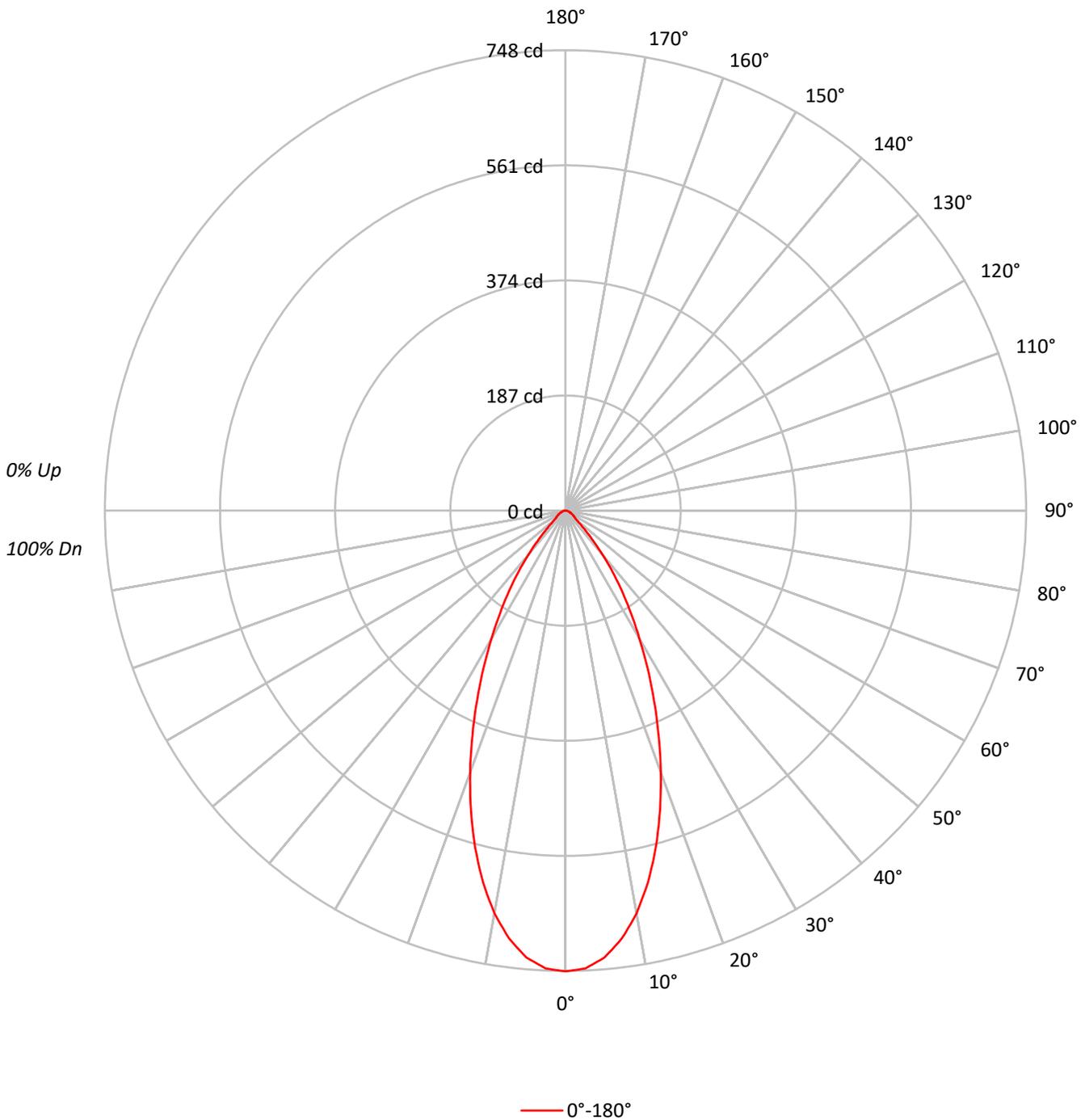
Test Method: LM-79-2019  
Report Number: P1297397  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R45W2N902750DE010 E3DLP1WMH\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 3000K CCT AND, 90CRI ,  
E3DLP1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 551.0 lumens  
Efficiency: N/A  
Efficacy: 44.8 lumens/watt  
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76  
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°	67.5	12.2
10°-20°	156.7	28.4
20°-30°	155.5	28.2
30°-40°	100.2	18.2
40°-50°	38.6	7.0
50°-60°	15.7	2.8
60°-70°	9.9	1.8
70°-80°	5.3	1.0
80°-90°	1.7	0.3
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°	379.7	68.9
0°-40°	479.8	87.1
0°-60°	534.1	96.9
0°-90°	551.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	551.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	748	
5°	729	67
15°	567	157
25°	340	156
35°	160	100
45°	47	39
55°	18	16
65°	10	10
75°	5	5
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	748.5
2.5°	744.6
5°	728.6
7.5°	701.1
10°	664.4
12.5°	618.6
15°	566.7
17.5°	510.2
20°	452.9
22.5°	394.8
25°	339.9
27.5°	287.9
30°	239.8
32.5°	197.8
35°	159.6
37.5°	125.3
40°	93.2
42.5°	67.2
45°	46.6
47.5°	31.3
50°	22.9
52.5°	19.1
55°	17.6
57.5°	15.3
60°	13.7
62.5°	11.5
65°	9.9
67.5°	8.4
70°	6.9
72.5°	6.1
75°	5.3
77.5°	3.8
80°	3.1
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)