

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: P1297536

Luminaire Tested: P3A13R45W2N902765DE010 E3DLP1MW\_4000K

Issue Date: 1/30/2026

**Test Information**

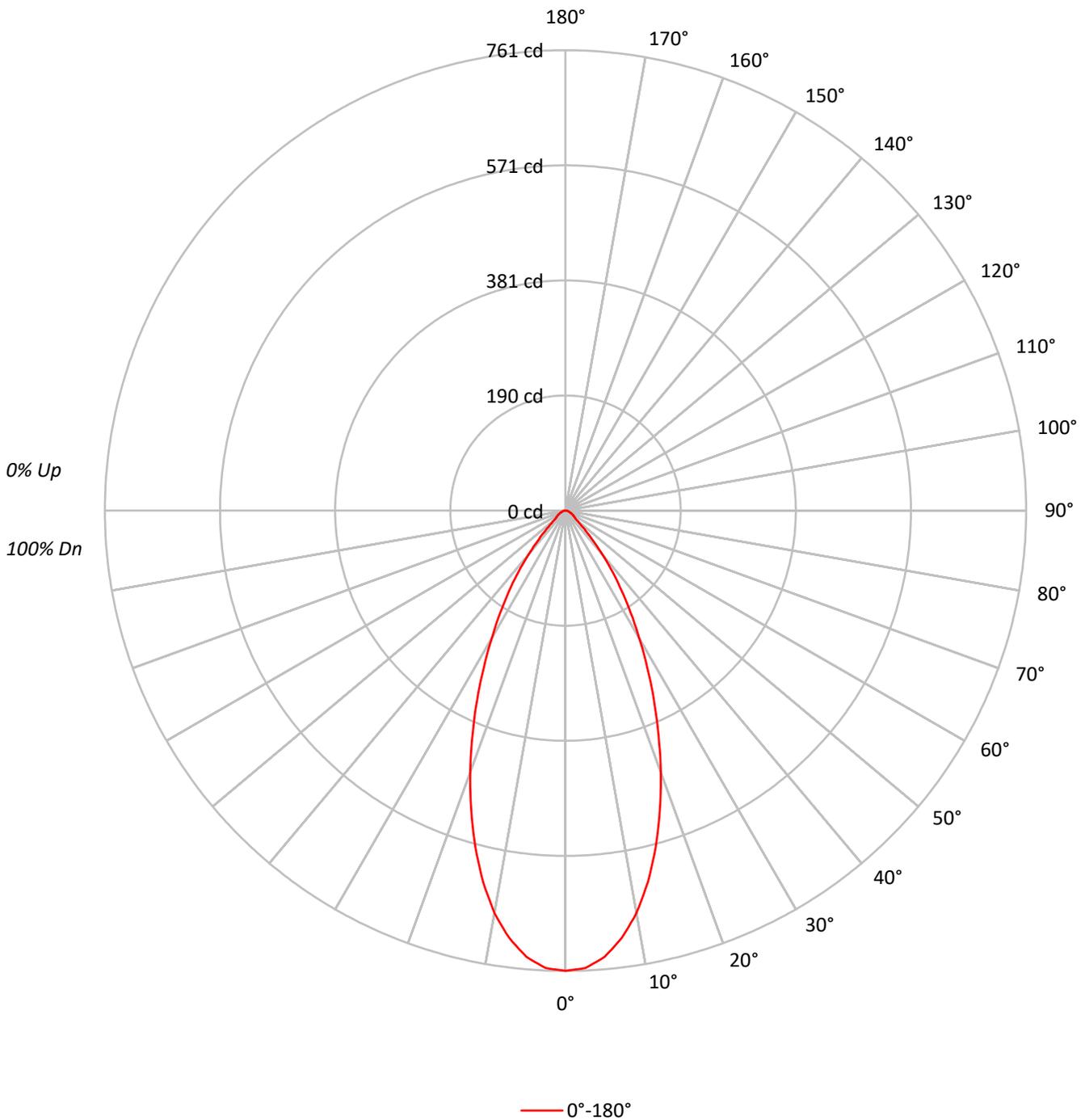
Test Method: LM-79-2019  
Report Number: P1297536  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R45W2N902765DE010 E3DLP1MW\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 4000K CCT AND, 90CRI ,  
E3DLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 560.0 lumens  
Efficiency: N/A  
Efficacy: 45.5 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°	68.6	12.2
10°-20°	159.2	28.4
20°-30°	158.1	28.2
30°-40°	101.8	18.2
40°-50°	39.2	7.0
50°-60°	16.0	2.8
60°-70°	10.1	1.8
70°-80°	5.4	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°	385.9	68.9
0°-40°	487.6	87.1
0°-60°	542.8	96.9
0°-90°	560.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	560.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	761	
5°	740	69
15°	576	159
25°	345	158
35°	162	102
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°	760.7
2.5°	756.8
5°	740.5
7.5°	712.6
10°	675.3
12.5°	628.7
15°	575.9
17.5°	518.5
20°	460.3
22.5°	401.3
25°	345.4
27.5°	292.6
30°	243.7
32.5°	201.0
35°	162.2
37.5°	127.3
40°	94.7
42.5°	68.3
45°	47.3
47.5°	31.8
50°	23.3
52.5°	19.4
55°	17.9
57.5°	15.5
60°	14.0
62.5°	11.6
65°	10.1
67.5°	8.5
70°	7.0
72.5°	6.2
75°	5.4
77.5°	3.9
80°	3.1
82.5°	2.3
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)