

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: P1297804

Luminaire Tested: P3A13R50W2N902765DE010 E3DLD1H\_2700K

Issue Date: 1/30/2026

**Test Information**

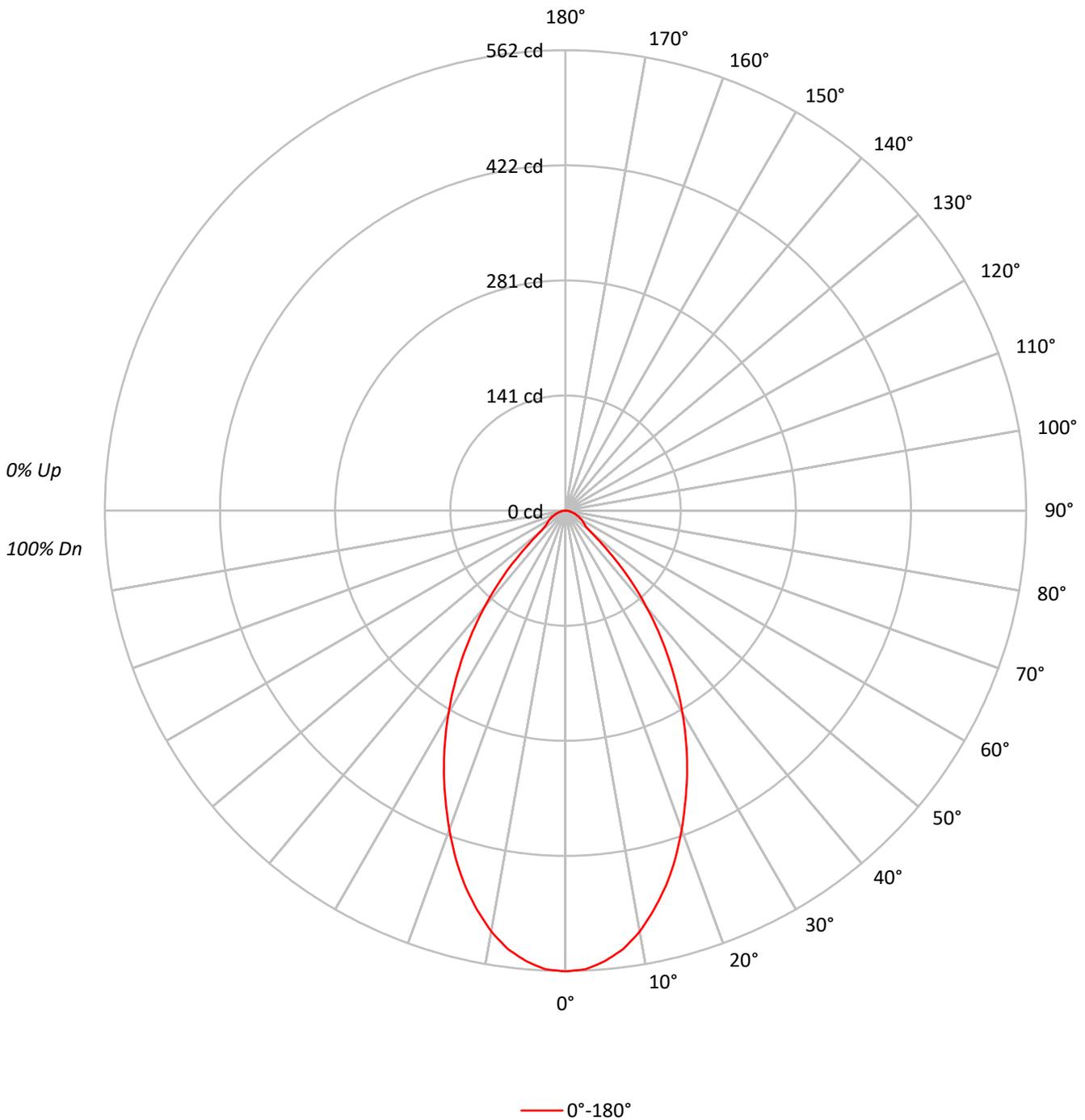
Test Method: LM-79-2019  
Report Number: P1297804  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R50W2N902765DE010 E3DLD1H\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 2700K CCT AND, 90CRI ,  
E3DLD1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 607.0 lumens  
Efficiency: N/A  
Efficacy: 49.4 lumens/watt  
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93  
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°	51.8	8.5
10°-20°	132.1	21.8
20°-30°	160.5	26.4
30°-40°	136.1	22.4
40°-50°	70.7	11.6
50°-60°	25.5	4.2
60°-70°	17.6	2.9
70°-80°	9.6	1.6
80°-90°	3.0	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°	344.4	56.7
0°-40°	480.5	79.2
0°-60°	576.8	95.0
0°-90°	607.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	607.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	562	
5°	552	52
15°	474	132
25°	351	161
35°	219	136
45°	91	71
55°	28	26
65°	18	18
75°	9	10
85°	3	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	562.5
2.5°	560.5
5°	552.1
7.5°	539.7
10°	521.7
12.5°	498.8
15°	473.9
17.5°	445.5
20°	414.3
22.5°	382.4
25°	351.2
27.5°	318.7
30°	285.4
32.5°	252.2
35°	218.9
37.5°	186.4
40°	153.8
42.5°	122.6
45°	91.4
47.5°	61.0
50°	39.5
52.5°	30.5
55°	27.7
57.5°	24.9
60°	22.9
62.5°	20.1
65°	18.0
67.5°	15.2
70°	13.2
72.5°	11.1
75°	9.0
77.5°	6.9
80°	5.5
82.5°	4.2
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)