

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: P1297708

Luminaire Tested: P3AS13R50W2N902765DE010 E3CB1MW\_2700K

Issue Date: 1/30/2026

**Test Information**

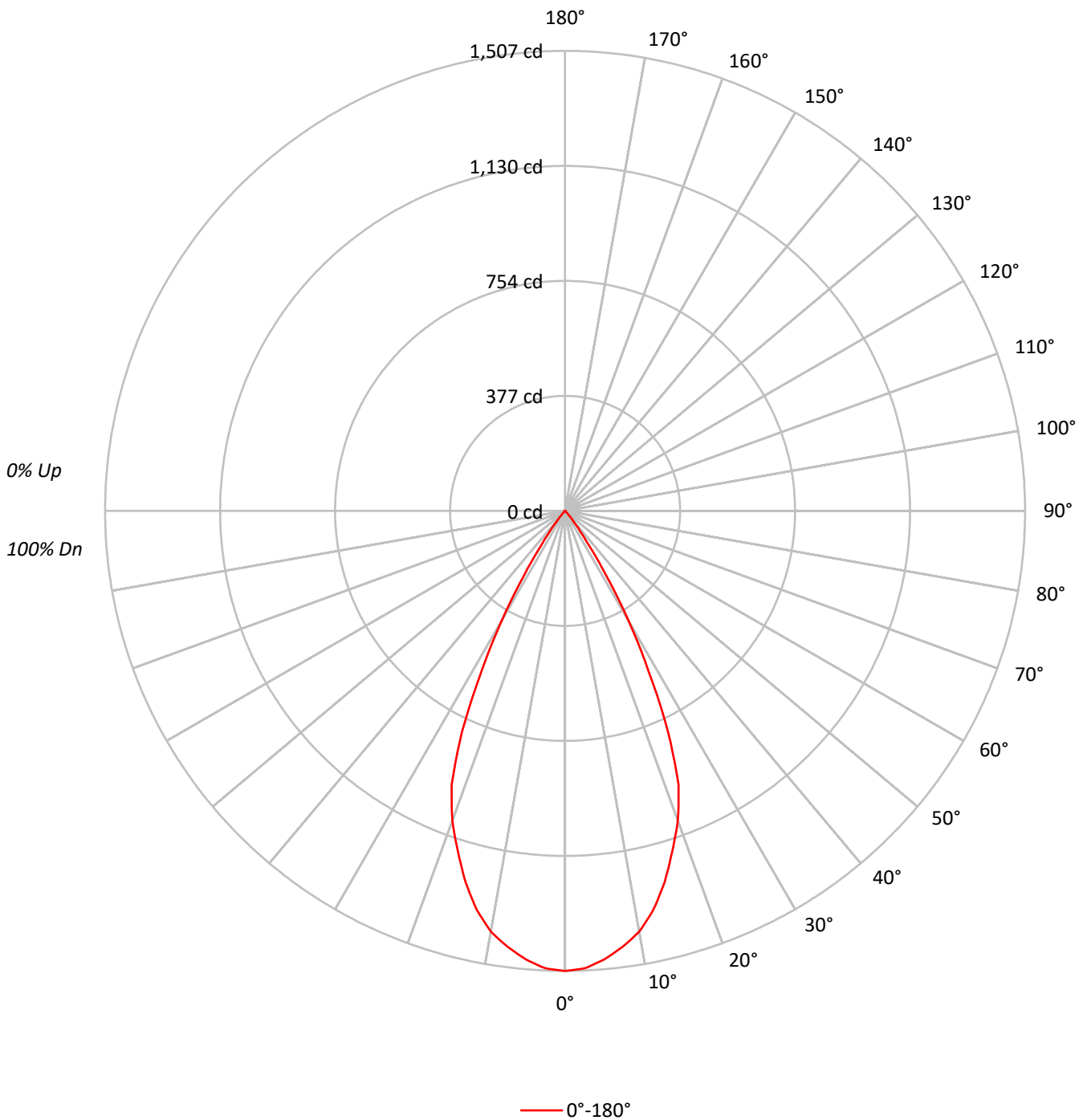
Test Method: LM-79-2019  
Report Number: P1297708  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-32)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R50W2N902765DE010 E3CB1MW\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 2700K CCT AND, 90CRI ,  
E3CB1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 949.1 lumens  
Efficiency: N/A  
Efficacy: 77.2 lumens/watt  
Spacing Criteria (0/90/45): 0.84 / 0.84 / 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°	138.4	14.6
10°-20°	349.9	36.9
20°-30°	350.5	36.9
30°-40°	98.5	10.4
40°-50°	6.0	0.6
50°-60°	2.3	0.2
60°-70°	1.8	0.2
70°-80°	1.2	0.1
80°-90°	0.5	0.1
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°	838.8	88.4
0°-40°	937.3	98.8
0°-60°	945.6	99.6
0°-90°	949.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	949.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1507	
5°	1475	138
15°	1259	350
25°	798	350
35°	126	99
45°	4	6
55°	3	2
65°	2	2
75°	1	1
85°	1	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1507.2
2.5°	1499.6
5°	1474.6
7.5°	1440.7
10°	1399.7
12.5°	1338.0
15°	1258.9
17.5°	1168.1
20°	1080.0
22.5°	970.4
25°	798.4
27.5°	594.4
30°	414.8
32.5°	250.4
35°	126.2
37.5°	59.7
40°	27.7
42.5°	10.4
45°	3.5
47.5°	2.8
50°	2.8
52.5°	2.8
55°	2.8
57.5°	2.1
60°	2.1
62.5°	2.1
65°	2.1
67.5°	1.4
70°	1.4
72.5°	1.4
75°	1.4
77.5°	0.7
80°	0.7
82.5°	0.7
85°	0.7
87.5°	0.0
90°	0.0

(END OF REPORT)