

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: P1293898

Luminaire Tested: P3AS09R50W2N902750DE010 E3DLP1WMH\_3500K

Issue Date: 1/30/2026

**Test Information**

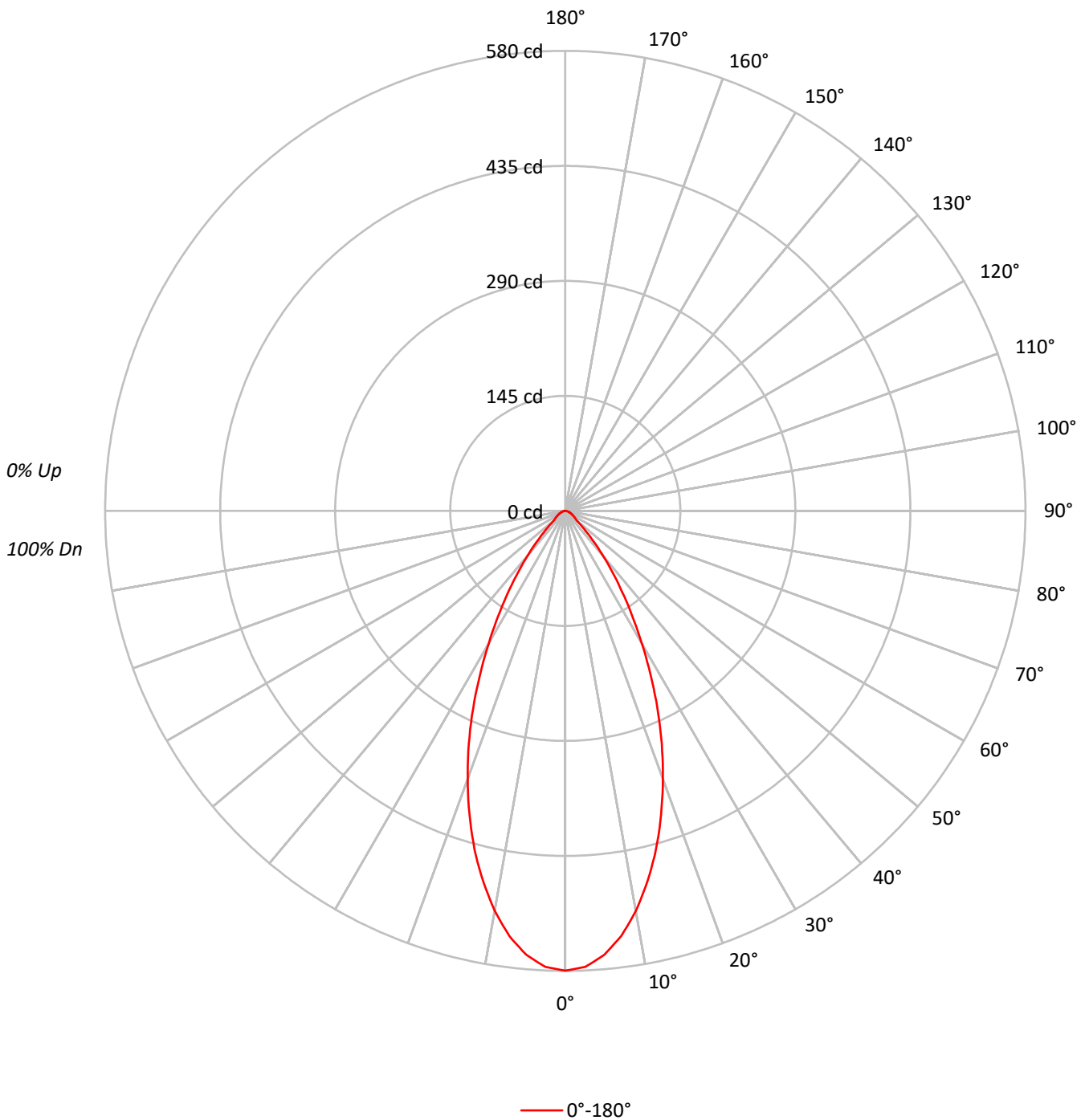
Test Method: LM-79-2019  
Report Number: P1293898  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R50W2N902750DE010 E3DLP1WMH\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 3500K CCT AND, 90CRI ,  
E3DLP1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 437.0 lumens  
Efficiency: N/A  
Efficacy: 48.6 lumens/watt  
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 9  
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

TEST NUMBER: P1293898  
CATALOG NUMBER: P3AS09R50W2N902750DE010 E3DLP1WMH\_3500K

### Luminous Intensity Polar Plot







TEST NUMBER: P1293898

CATALOG NUMBER: P3AS09R50W2N902750DE010 E3DLP1WMH\_3500K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	52.1	11.9
10°-20°	122.4	28.0
20°-30°	125.1	28.6
30°-40°	79.4	18.2
40°-50°	31.6	7.2
50°-60°	12.8	2.9
60°-70°	8.2	1.9
70°-80°	4.2	1.0
80°-90°	1.3	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°	299.6	68.6
0°-40°	378.9	86.7
0°-60°	423.3	96.9
0°-90°	437.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	437.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	580	
5°	562	52
15°	442	122
25°	275	125
35°	125	79
45°	38	32
55°	14	13
65°	8	8
75°	4	4
85°	1	1
90°	0	



TEST NUMBER: P1293898  
CATALOG NUMBER: P3AS09R50W2N902750DE010 E3DLP1WMH\_3500K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	579.6
2.5°	575.5
5°	561.9
7.5°	540.6
10°	512.2
12.5°	478.5
15°	441.8
17.5°	401.6
20°	359.6
22.5°	317.6
25°	275.0
27.5°	232.4
30°	192.8
32.5°	157.3
35°	125.4
37.5°	98.2
40°	74.5
42.5°	55.0
45°	38.4
47.5°	26.0
50°	18.9
52.5°	16.0
55°	14.2
57.5°	12.4
60°	10.6
62.5°	9.5
65°	8.3
67.5°	7.1
70°	5.9
72.5°	4.7
75°	4.1
77.5°	3.0
80°	2.4
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)