

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: P1293772

Luminaire Tested: P3AS09R50W2N902750DE010 E3CD1MB\_3000K

Issue Date: 1/30/2026

**Test Information**

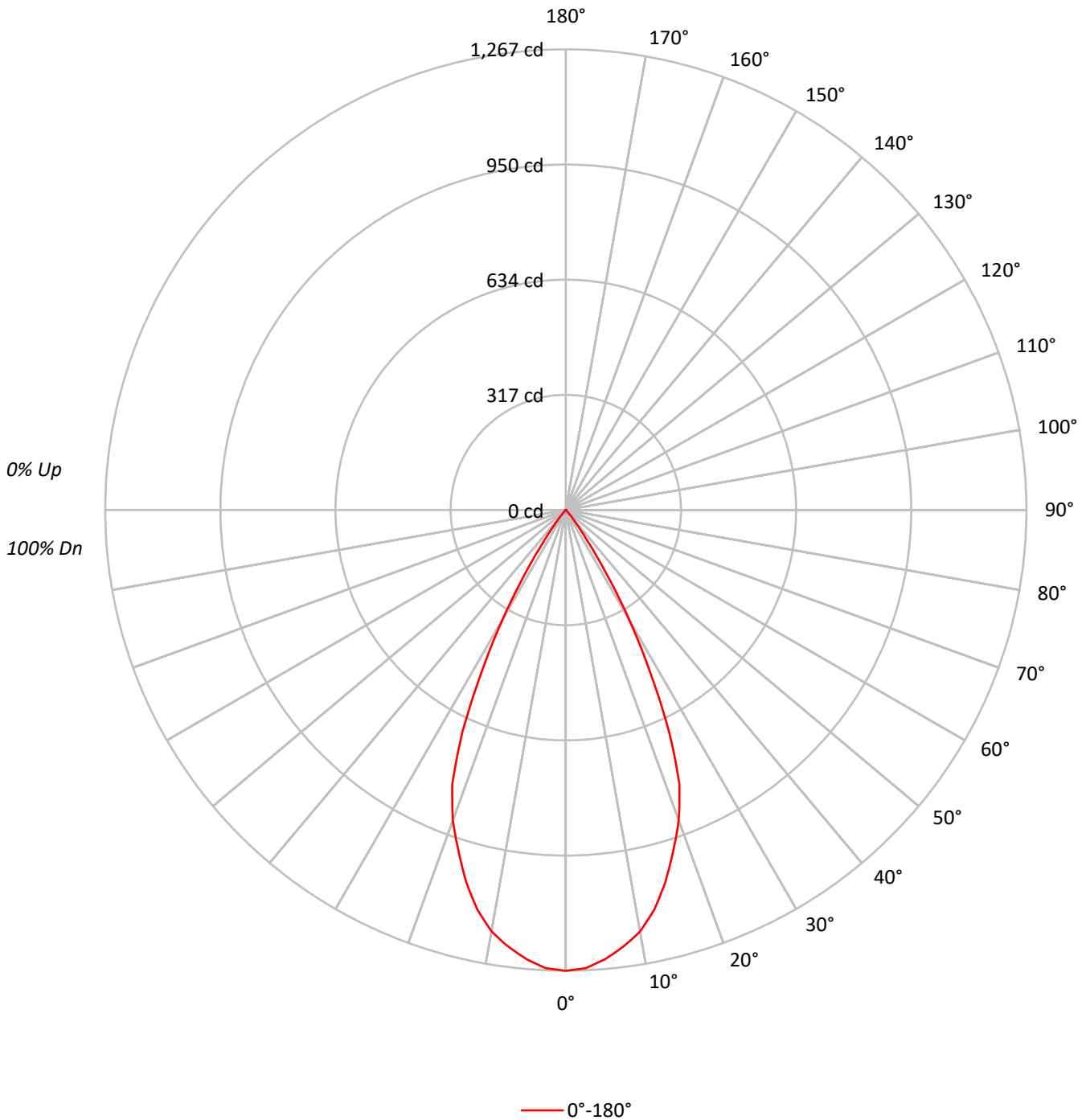
Test Method: LM-79-2019  
Report Number: P1293772  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-32)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R50W2N902750DE010 E3CD1MB\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 3000K CCT AND, 90CRI ,  
E3CD1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 798.0 lumens  
Efficiency: N/A  
Efficacy: 88.7 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): 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: P1293772  
CATALOG NUMBER: P3AS09R50W2N902750DE010 E3CD1MB\_3000K

### Luminous Intensity Polar Plot







TEST NUMBER: P1293772

CATALOG NUMBER: P3AS09R50W2N902750DE010 E3CD1MB\_3000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	116.4	14.6
10°-20°	294.3	36.9
20°-30°	294.7	36.9
30°-40°	82.9	10.4
40°-50°	5.0	0.6
50°-60°	1.9	0.2
60°-70°	1.5	0.2
70°-80°	1.0	0.1
80°-90°	0.4	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°	705.3	88.4
0°-40°	788.2	98.8
0°-60°	795.0	99.6
0°-90°	798.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	798.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1267	
5°	1240	116
15°	1059	294
25°	671	295
35°	106	83
45°	3	5
55°	2	2
65°	2	1
75°	1	1
85°	1	0
90°	0	



TEST NUMBER: P1293772  
CATALOG NUMBER: P3AS09R50W2N902750DE010 E3CD1MB\_3000K

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1267.4
2.5°	1261.0
5°	1240.0
7.5°	1211.4
10°	1177.0
12.5°	1125.1
15°	1058.6
17.5°	982.2
20°	908.1
22.5°	816.0
25°	671.3
27.5°	499.8
30°	348.8
32.5°	210.6
35°	106.2
37.5°	50.2
40°	23.3
42.5°	8.7
45°	2.9
47.5°	2.3
50°	2.3
52.5°	2.3
55°	2.3
57.5°	1.7
60°	1.7
62.5°	1.7
65°	1.7
67.5°	1.2
70°	1.2
72.5°	1.2
75°	1.2
77.5°	0.6
80°	0.6
82.5°	0.6
85°	0.6
87.5°	0.0
90°	0.0

(END OF REPORT)