

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: P1294253

Luminaire Tested: P3AS09R55W2N902765DE010 E3CD1MW\_4000K

Issue Date: 1/30/2026

**Test Information**

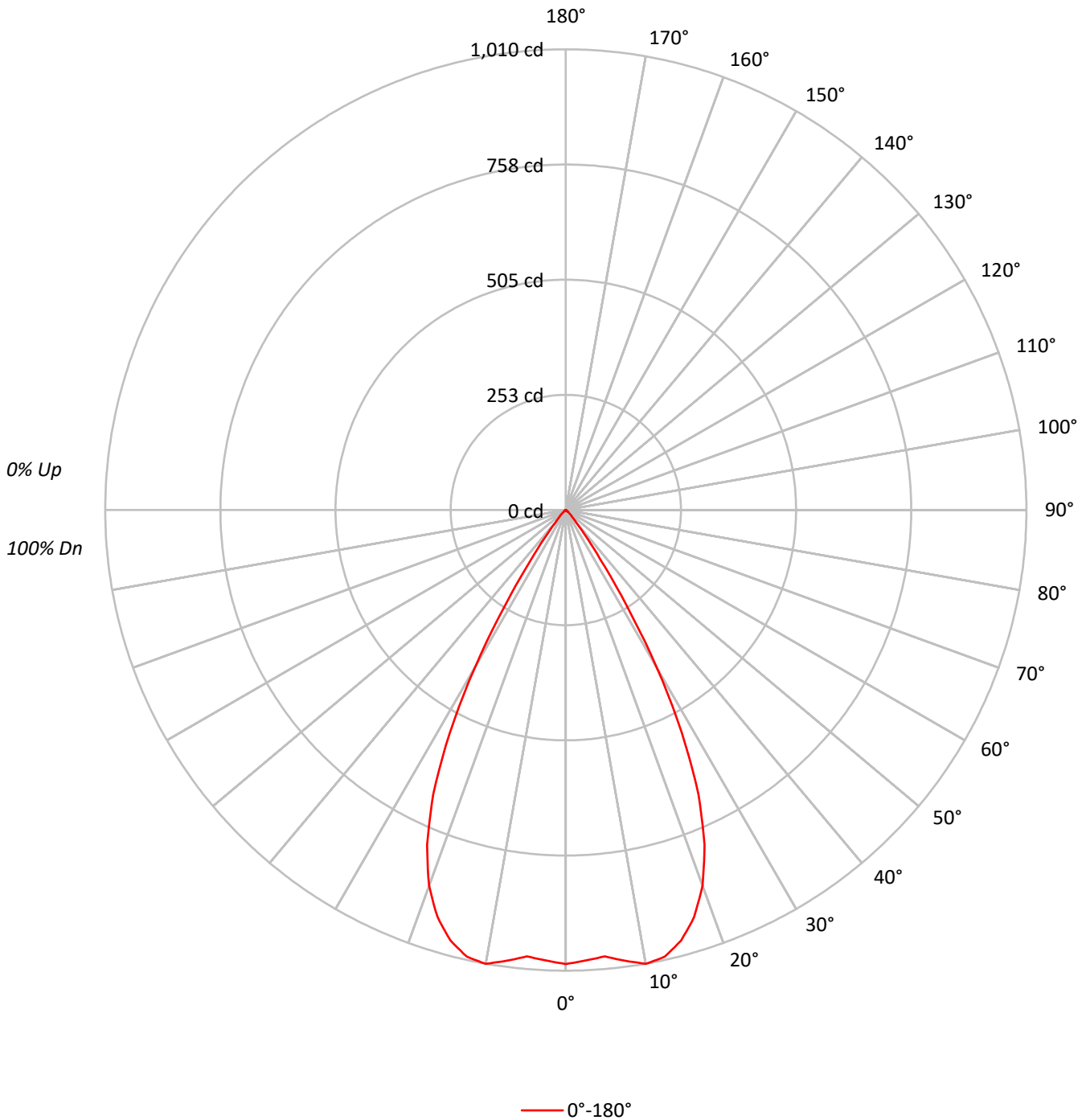
Test Method: LM-79-2019  
Report Number: P1294253  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-36)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R55W2N902765DE010 E3CD1MW\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 4000K CCT AND, 90CRI ,  
E3CD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 787.0 lumens  
Efficiency: N/A  
Efficacy: 87.4 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.82  
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: P1294253  
CATALOG NUMBER: P3AS09R55W2N902765DE010 E3CD1MW\_4000K

### Luminous Intensity Polar Plot







TEST NUMBER: P1294253

CATALOG NUMBER: P3AS09R55W2N902765DE010 E3CD1MW\_4000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	95.0	12.1
10°-20°	271.6	34.5
20°-30°	302.7	38.5
30°-40°	99.0	12.6
40°-50°	13.1	1.7
50°-60°	2.8	0.4
60°-70°	1.6	0.2
70°-80°	1.0	0.1
80°-90°	0.2	0.0
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°	669.3	85.0
0°-40°	768.3	97.6
0°-60°	784.1	99.6
0°-90°	787.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	787.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	995	
5°	982	95
15°	977	272
25°	688	303
35°	131	99
45°	15	13
55°	2	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1294253  
CATALOG NUMBER: P3AS09R55W2N902765DE010 E3CD1MW\_4000K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	995.4
2.5°	988.3
5°	982.4
7.5°	996.6
10°	1010.2
12.5°	1003.1
15°	977.1
17.5°	935.7
20°	876.5
22.5°	794.9
25°	687.9
27.5°	551.8
30°	399.2
32.5°	244.9
35°	130.7
37.5°	66.2
40°	34.9
42.5°	22.5
45°	15.4
47.5°	10.6
50°	5.9
52.5°	3.5
55°	2.4
57.5°	2.4
60°	2.4
62.5°	1.8
65°	1.8
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°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)