

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: P1297876

Luminaire Tested: P3AS13R55W2N902750DE010 E3CB1MMS\_3000K

Issue Date: 1/30/2026

**Test Information**

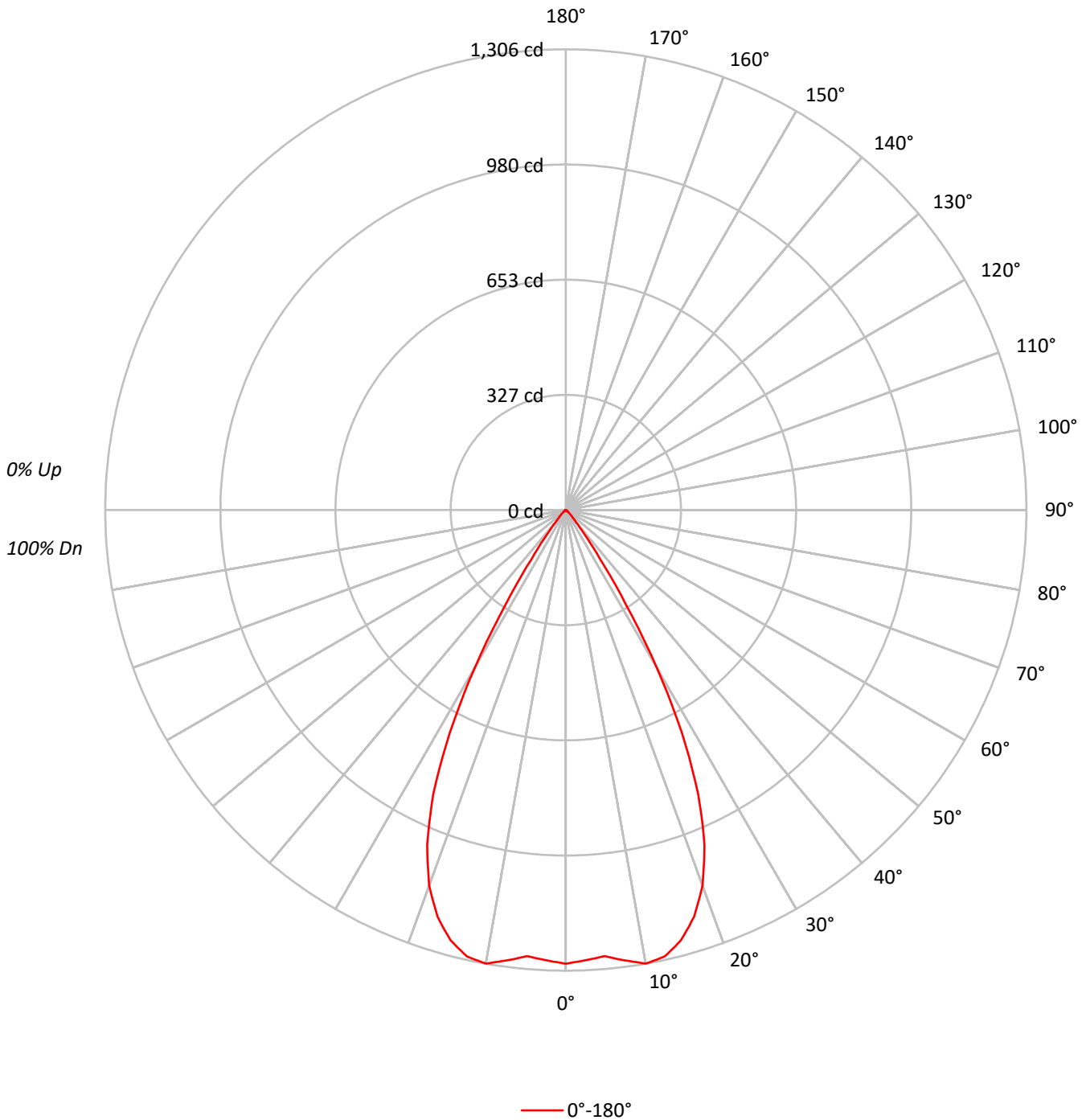
Test Method: LM-79-2019  
Report Number: P1297876  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-36)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R55W2N902750DE010 E3CB1MMS\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI ,  
E3CB1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1017.0 lumens  
Efficiency: N/A  
Efficacy: 82.7 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): 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

TEST NUMBER: P1297876  
CATALOG NUMBER: P3AS13R55W2N902750DE010 E3CB1MMS\_3000K

### Luminous Intensity Polar Plot







TEST NUMBER: P1297876

CATALOG NUMBER: P3AS13R55W2N902750DE010 E3CB1MMS\_3000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	122.7	12.1
10°-20°	350.9	34.5
20°-30°	391.2	38.5
30°-40°	128.0	12.6
40°-50°	16.9	1.7
50°-60°	3.6	0.4
60°-70°	2.1	0.2
70°-80°	1.3	0.1
80°-90°	0.3	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°	864.9	85.0
0°-40°	992.8	97.6
0°-60°	1013.3	99.6
0°-90°	1017.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1017.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1286	
5°	1270	123
15°	1263	351
25°	889	391
35°	169	128
45°	20	17
55°	3	4
65°	2	2
75°	2	1
85°	0	0
90°	0	



TEST NUMBER: P1297876  
CATALOG NUMBER: P3AS13R55W2N902750DE010 E3CB1MMS\_3000K

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1286.3
2.5°	1277.2
5°	1269.5
7.5°	1287.9
10°	1305.5
12.5°	1296.3
15°	1262.6
17.5°	1209.1
20°	1132.7
22.5°	1027.2
25°	888.9
27.5°	713.1
30°	515.9
32.5°	316.4
35°	168.9
37.5°	85.6
40°	45.1
42.5°	29.0
45°	19.9
47.5°	13.8
50°	7.6
52.5°	4.6
55°	3.1
57.5°	3.1
60°	3.1
62.5°	2.3
65°	2.3
67.5°	1.5
70°	1.5
72.5°	1.5
75°	1.5
77.5°	0.8
80°	0.8
82.5°	0.8
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)