

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: P1301749

Luminaire Tested: P3AS17R55W2N902750DE010 E3DL1WMH\_5000K

Issue Date: 1/30/2026

**Test Information**

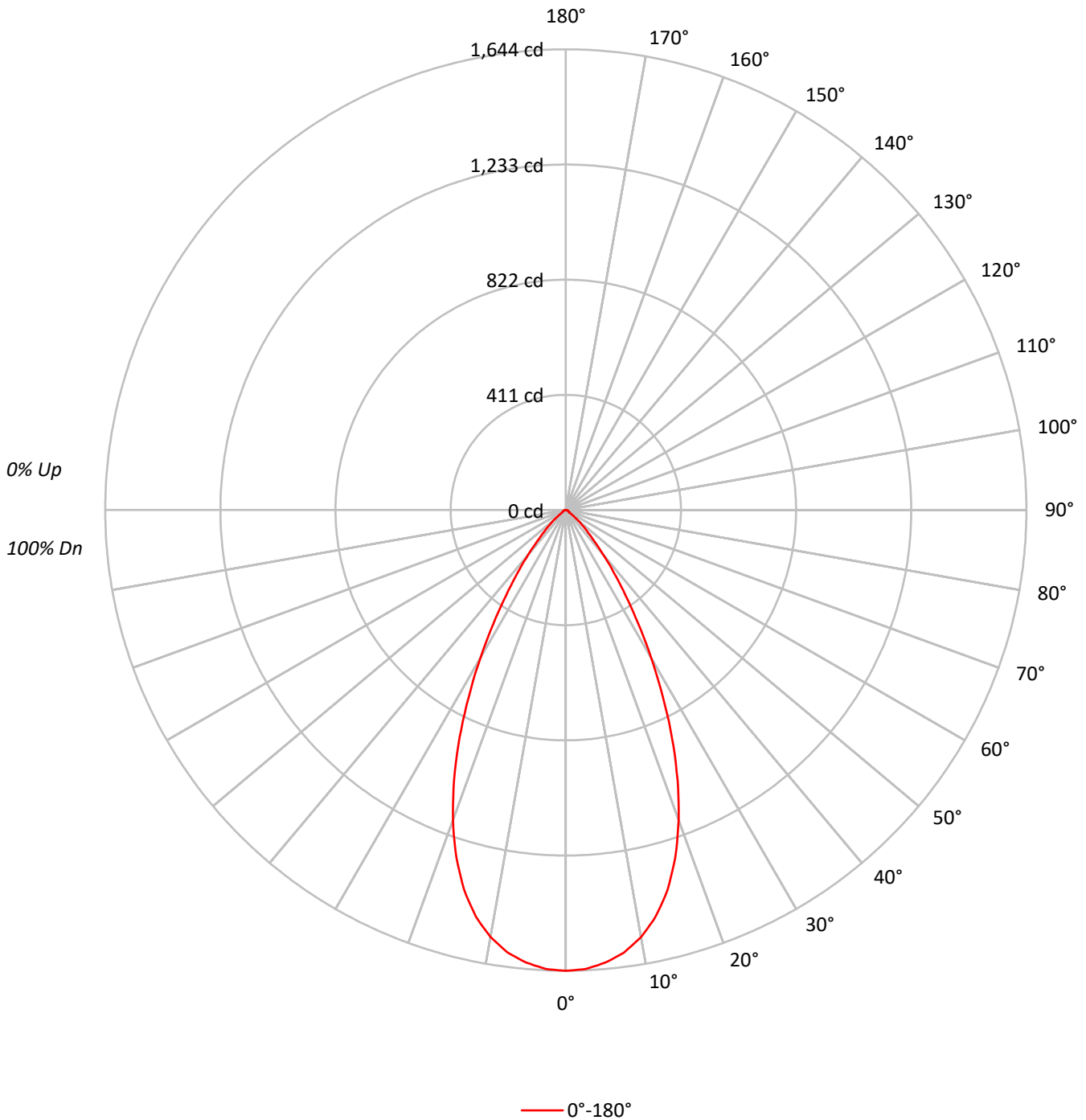
Test Method: LM-79-2019  
Report Number: P1301749  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R55W2N902750DE010 E3DL1WMH\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 5000K CCT AND, 90CRI ,  
E3DL1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1312.9 lumens  
Efficiency: N/A  
Efficacy: 67.7 lumens/watt  
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 19.4  
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°	152.5	11.6
10°-20°	388.0	29.6
20°-30°	406.7	31.0
30°-40°	237.3	18.1
40°-50°	88.8	6.8
50°-60°	20.9	1.6
60°-70°	10.7	0.8
70°-80°	6.3	0.5
80°-90°	1.8	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°	947.2	72.1
0°-40°	1184.4	90.2
0°-60°	1294.1	98.6
0°-90°	1312.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1312.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1644	
5°	1621	152
15°	1403	388
25°	897	407
35°	371	237
45°	108	89
55°	17	21
65°	11	11
75°	6	6
85°	1	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1644.2
2.5°	1639.4
5°	1621.3
7.5°	1592.4
10°	1547.8
12.5°	1485.2
15°	1403.3
17.5°	1299.7
20°	1178.0
22.5°	1041.9
25°	897.4
27.5°	749.2
30°	608.3
32.5°	480.6
35°	371.0
37.5°	281.9
40°	208.4
42.5°	149.4
45°	108.4
47.5°	78.3
50°	53.0
52.5°	30.1
55°	16.9
57.5°	14.5
60°	13.2
62.5°	12.0
65°	10.8
67.5°	9.6
70°	8.4
72.5°	7.2
75°	6.0
77.5°	4.8
80°	3.6
82.5°	2.4
85°	1.2
87.5°	1.2
90°	0.0

(END OF REPORT)