

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: P1294175

Luminaire Tested: P3A09R55W2N902750DE010 E3DLD1MW\_2700K

Issue Date: 1/30/2026

**Test Information**

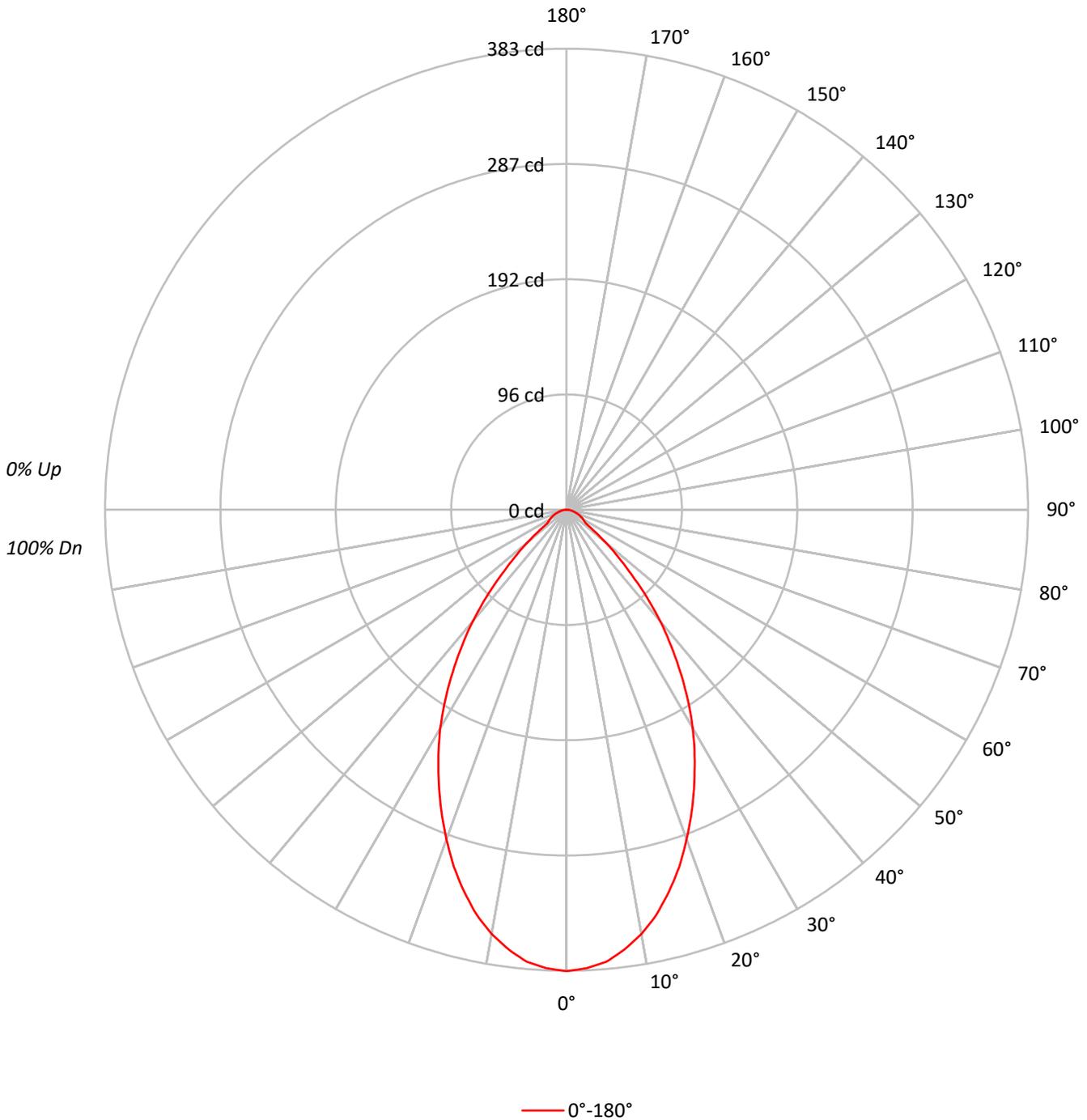
Test Method: LM-79-2019  
Report Number: P1294175  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A09R55W2N902750DE010 E3DLD1MW\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 2700K CCT AND, 90CRI ,  
E3DLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 447.0 lumens  
Efficiency: N/A  
Efficacy: 49.7 lumens/watt  
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97  
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

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### Luminous Intensity Polar Plot







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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	35.4	7.9
10°-20°	91.8	20.5
20°-30°	114.9	25.7
30°-40°	102.6	22.9
40°-50°	60.1	13.4
50°-60°	20.7	4.6
60°-70°	12.6	2.8
70°-80°	6.9	1.6
80°-90°	2.0	0.5
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°	242.1	54.2
0°-40°	344.7	77.1
0°-60°	425.5	95.2
0°-90°	447.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	447.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	383	
5°	377	35
15°	328	92
25°	251	115
35°	165	103
45°	76	60
55°	20	21
65°	13	13
75°	6	7
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	383.3
2.5°	381.2
5°	377.0
7.5°	368.5
10°	357.9
12.5°	344.7
15°	328.4
17.5°	311.0
20°	291.4
22.5°	271.4
25°	250.8
27.5°	230.2
30°	209.6
32.5°	187.4
35°	164.7
37.5°	142.5
40°	121.4
42.5°	98.7
45°	76.0
47.5°	58.1
50°	42.2
52.5°	27.5
55°	19.5
57.5°	17.4
60°	15.8
62.5°	14.3
65°	12.7
67.5°	11.1
70°	9.5
72.5°	7.9
75°	6.3
77.5°	5.3
80°	4.2
82.5°	2.6
85°	1.6
87.5°	1.1
90°	0.0

(END OF REPORT)