

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: P1294742

Luminaire Tested: P3AS09R65W2N902750DE010 E3CD1MW\_5000K

Issue Date: 1/30/2026

**Test Information**

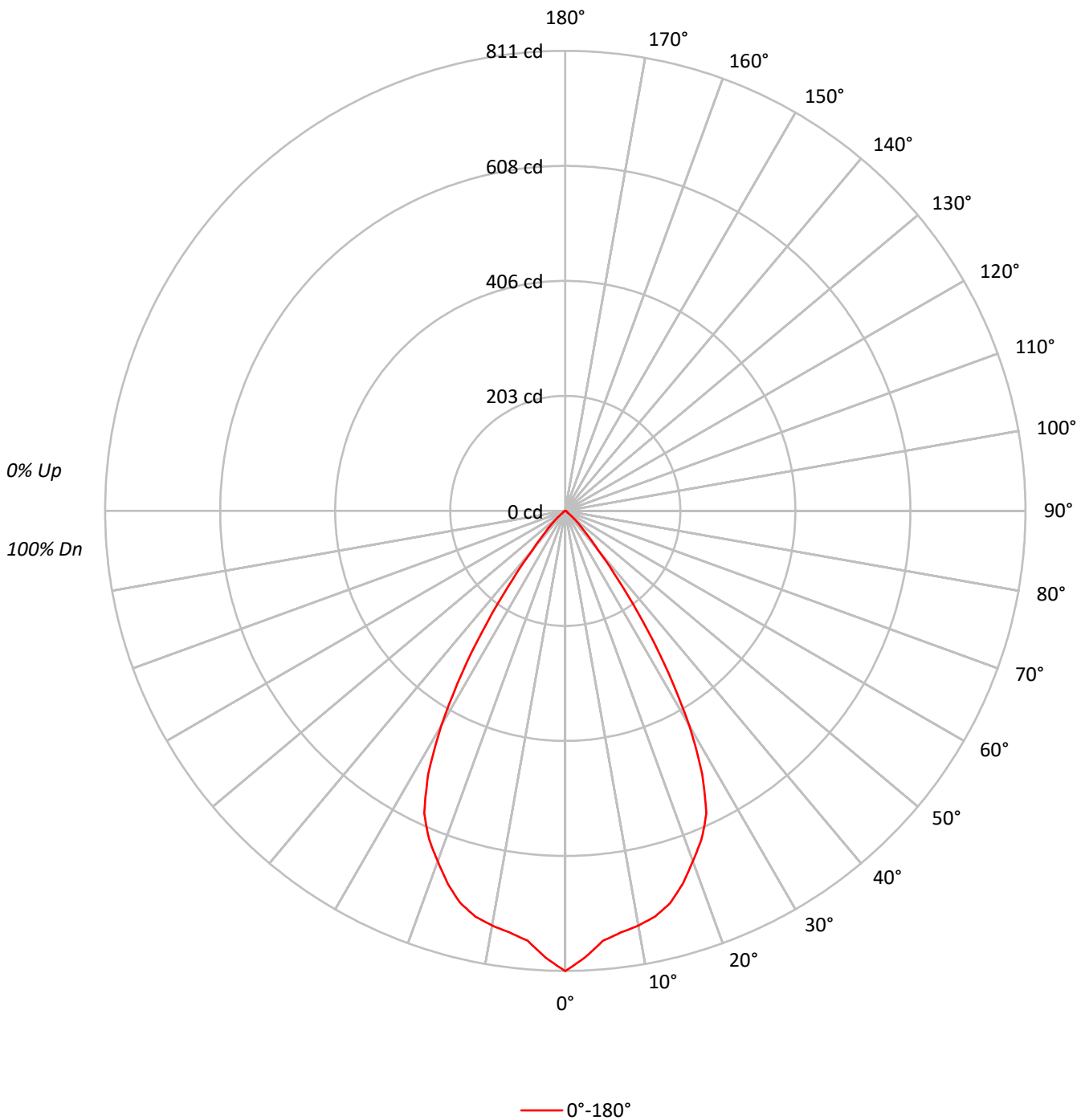
Test Method: LM-79-2019  
Report Number: P1294742  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R65W2N902750DE010 E3CD1MW\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 90CRI ,  
E3CD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 728.0 lumens  
Efficiency: N/A  
Efficacy: 80.9 lumens/watt  
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9  
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°	72.3	9.9
10°-20°	199.8	27.4
20°-30°	261.5	35.9
30°-40°	151.5	20.8
40°-50°	32.4	4.5
50°-60°	5.3	0.7
60°-70°	2.9	0.4
70°-80°	1.7	0.2
80°-90°	0.7	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°	533.6	73.3
0°-40°	685.0	94.1
0°-60°	722.7	99.3
0°-90°	728.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	728.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	811	
5°	761	72
15°	715	200
25°	588	261
35°	239	151
45°	38	32
55°	5	5
65°	3	3
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	811.3
2.5°	788.4
5°	760.7
7.5°	749.5
10°	742.4
12.5°	732.4
15°	715.4
17.5°	688.9
20°	657.1
22.5°	627.0
25°	588.2
27.5°	522.8
30°	436.9
32.5°	338.5
35°	239.0
37.5°	151.3
40°	90.1
42.5°	56.5
45°	38.3
47.5°	24.7
50°	13.5
52.5°	6.5
55°	4.7
57.5°	4.1
60°	3.5
62.5°	3.5
65°	2.9
67.5°	2.4
70°	2.4
72.5°	1.8
75°	1.8
77.5°	1.2
80°	1.2
82.5°	0.6
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)