

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: P1295190

Luminaire Tested: P3AS09R70W2N902765DE010 E3CD1MW\_4000K

Issue Date: 1/30/2026

**Test Information**

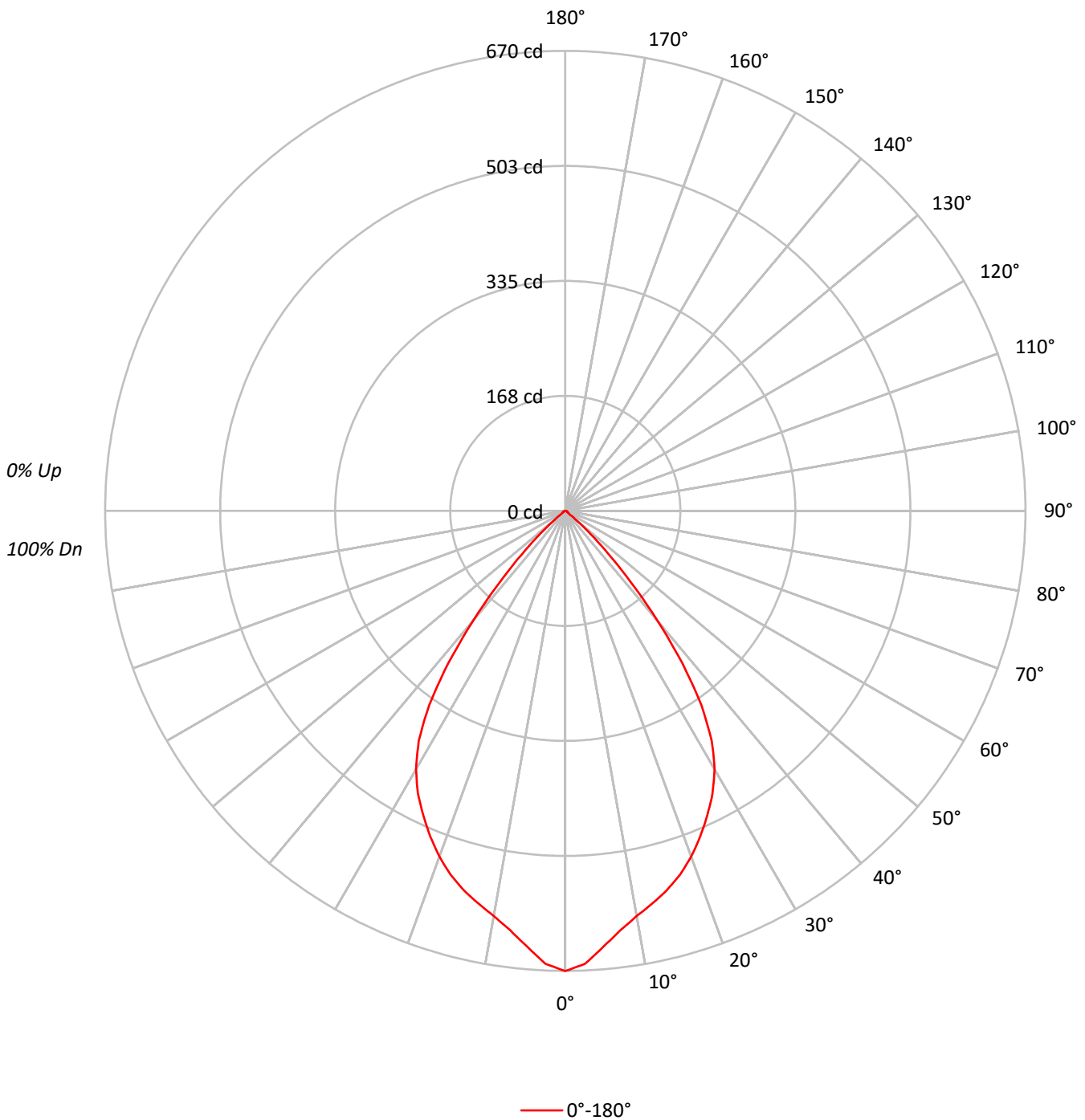
Test Method: LM-79-2019  
Report Number: P1295190  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-48)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R70W2N902765DE010 E3CD1MW\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 4000K CCT AND, 90CRI ,  
E3CD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 740.0 lumens  
Efficiency: N/A  
Efficacy: 82.2 lumens/watt  
Spacing Criteria (0/90/45): 1.01 / 1.01 / 1.03  
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°	59.6	8.1
10°-20°	160.7	21.7
20°-30°	224.5	30.3
30°-40°	208.2	28.1
40°-50°	74.6	10.1
50°-60°	6.3	0.9
60°-70°	3.2	0.4
70°-80°	2.1	0.3
80°-90°	0.8	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°	444.9	60.1
0°-40°	653.1	88.2
0°-60°	734.0	99.2
0°-90°	740.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	740.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	670	
5°	637	60
15°	572	161
25°	489	225
35°	345	208
45°	89	75
55°	5	6
65°	3	3
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	670.1
2.5°	660.1
5°	637.0
7.5°	615.7
10°	599.1
12.5°	585.5
15°	571.9
17.5°	555.4
20°	535.9
22.5°	513.4
25°	489.1
27.5°	464.3
30°	434.7
32.5°	396.9
35°	345.4
37.5°	279.8
40°	208.2
42.5°	141.9
45°	89.3
47.5°	49.7
50°	21.3
52.5°	7.1
55°	4.7
57.5°	4.1
60°	4.1
62.5°	3.5
65°	3.0
67.5°	3.0
70°	2.4
72.5°	2.4
75°	1.8
77.5°	1.8
80°	1.2
82.5°	1.2
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)