

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: P1258978

Luminaire Tested: P3AS02R559050DE010 E3CD1MB

Issue Date: 1/30/2026

**Test Information**

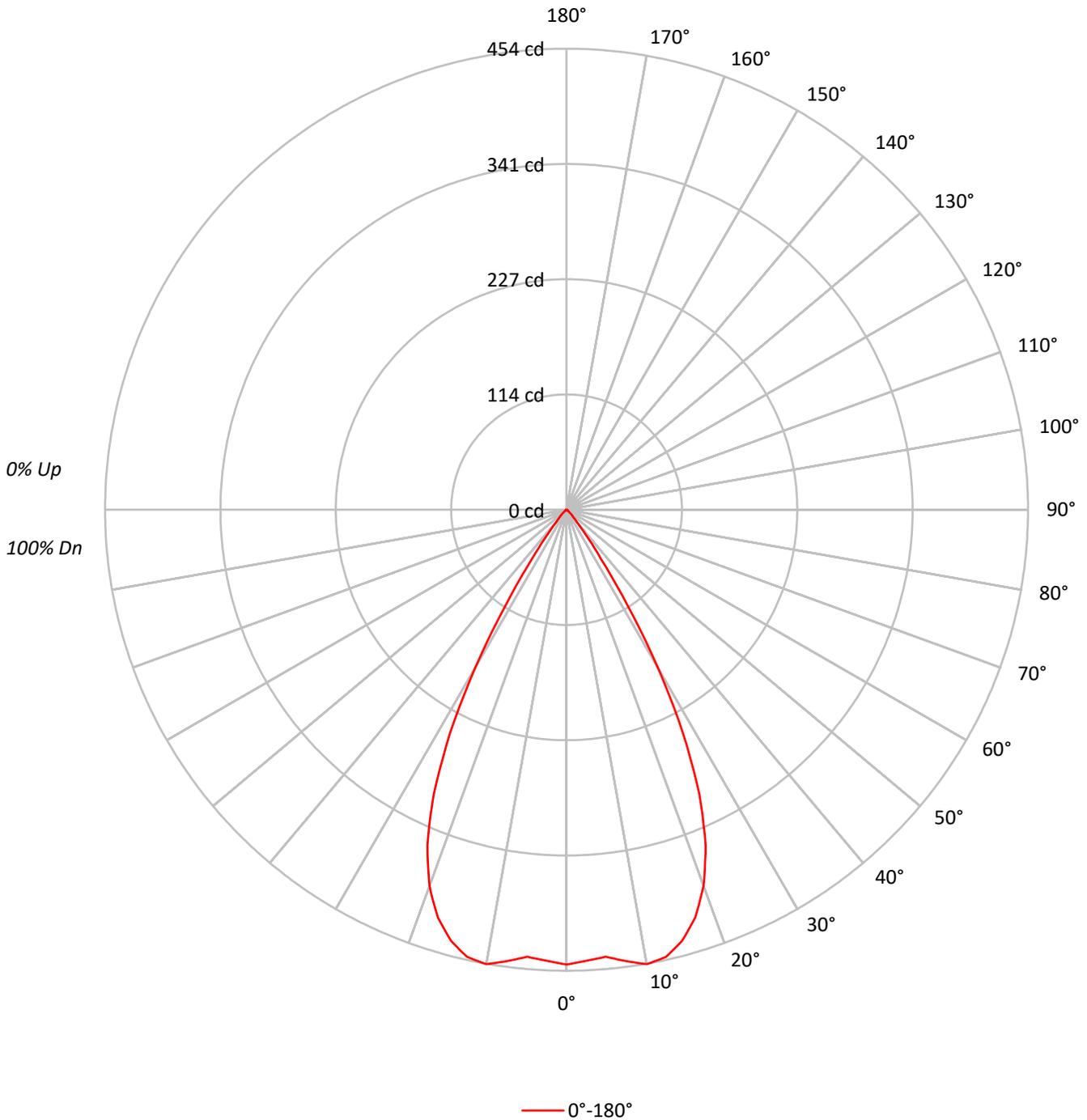
Test Method: LM-79-2019  
Report Number: P1258978  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-36)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R559050DE010 E3CD1MB  
Description: 3in Adjustable LED luminaire with, R55 optic, 5000K CCT AND, 90CRI , E3CD1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 354.0 lumens  
Efficiency: N/A  
Efficacy: 98.3 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): 3.6  
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°	42.7	12.1
10°-20°	122.2	34.5
20°-30°	136.2	38.5
30°-40°	44.5	12.6
40°-50°	5.9	1.7
50°-60°	1.3	0.4
60°-70°	0.7	0.2
70°-80°	0.4	0.1
80°-90°	0.1	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°	301.1	85.0
0°-40°	345.6	97.6
0°-60°	352.7	99.6
0°-90°	354.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	354.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	448	
5°	442	43
15°	440	122
25°	309	136
35°	59	45
45°	7	6
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	447.8
2.5°	444.6
5°	441.9
7.5°	448.3
10°	454.4
12.5°	451.2
15°	439.5
17.5°	420.9
20°	394.3
22.5°	357.6
25°	309.4
27.5°	248.2
30°	179.6
32.5°	110.1
35°	58.8
37.5°	29.8
40°	15.7
42.5°	10.1
45°	6.9
47.5°	4.8
50°	2.7
52.5°	1.6
55°	1.1
57.5°	1.1
60°	1.1
62.5°	0.8
65°	0.8
67.5°	0.5
70°	0.5
72.5°	0.5
75°	0.5
77.5°	0.3
80°	0.3
82.5°	0.3
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)