

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: P1289456

Luminaire Tested: P3AS05R40W2N902750DE010 E3DLD1GPH\_5000K

Issue Date: 1/30/2026

**Test Information**

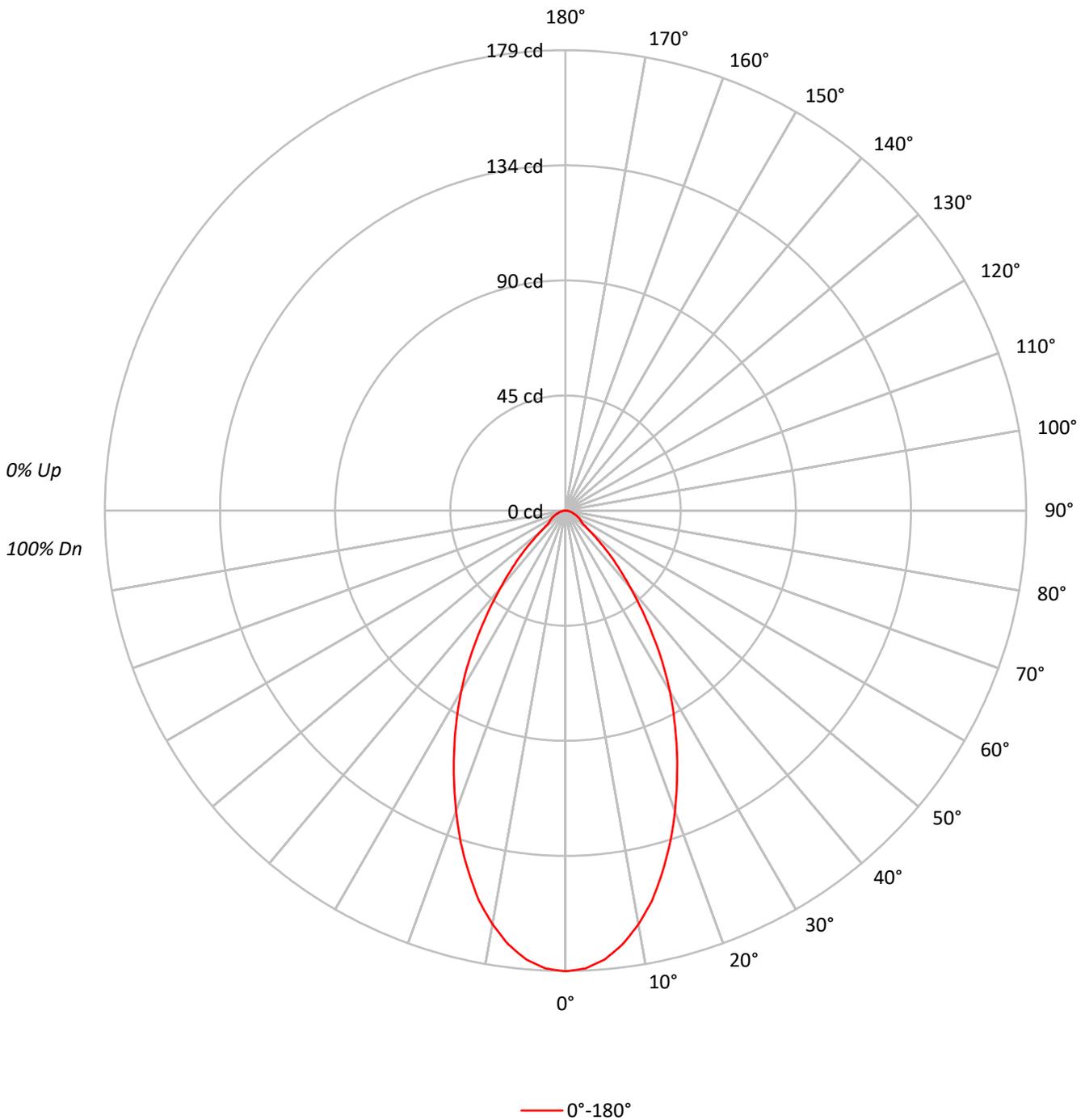
Test Method: LM-79-2019  
Report Number: P1289456  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R40W2N902750DE010 E3DLD1GPH\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 5000K CCT AND, 90CRI ,  
E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 175.0 lumens  
Efficiency: N/A  
Efficacy: 29.7 lumens/watt  
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 5.9  
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°	16.3	9.3
10°-20°	40.5	23.2
20°-30°	46.8	26.8
30°-40°	36.9	21.1
40°-50°	18.9	10.8
50°-60°	7.2	4.1
60°-70°	4.8	2.7
70°-80°	2.6	1.5
80°-90°	0.8	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°	103.7	59.3
0°-40°	140.6	80.4
0°-60°	166.8	95.3
0°-90°	175.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	175.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	179	
5°	175	16
15°	146	41
25°	102	47
35°	59	37
45°	24	19
55°	8	7
65°	5	5
75°	2	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	179.1
2.5°	178.2
5°	175.2
7.5°	170.1
10°	163.3
12.5°	155.3
15°	145.5
17.5°	135.3
20°	124.3
22.5°	113.2
25°	102.4
27.5°	91.6
30°	81.1
32.5°	70.3
35°	59.1
37.5°	48.8
40°	39.4
42.5°	31.3
45°	24.5
47.5°	17.8
50°	12.1
52.5°	8.8
55°	7.6
57.5°	6.9
60°	6.3
62.5°	5.5
65°	4.9
67.5°	4.1
70°	3.5
72.5°	2.9
75°	2.5
77.5°	2.0
80°	1.4
82.5°	1.2
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)