

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: P1290050

Luminaire Tested: P3AS05R50W2N902750DE010 E3DLD1GPH\_5000K

Issue Date: 1/30/2026

**Test Information**

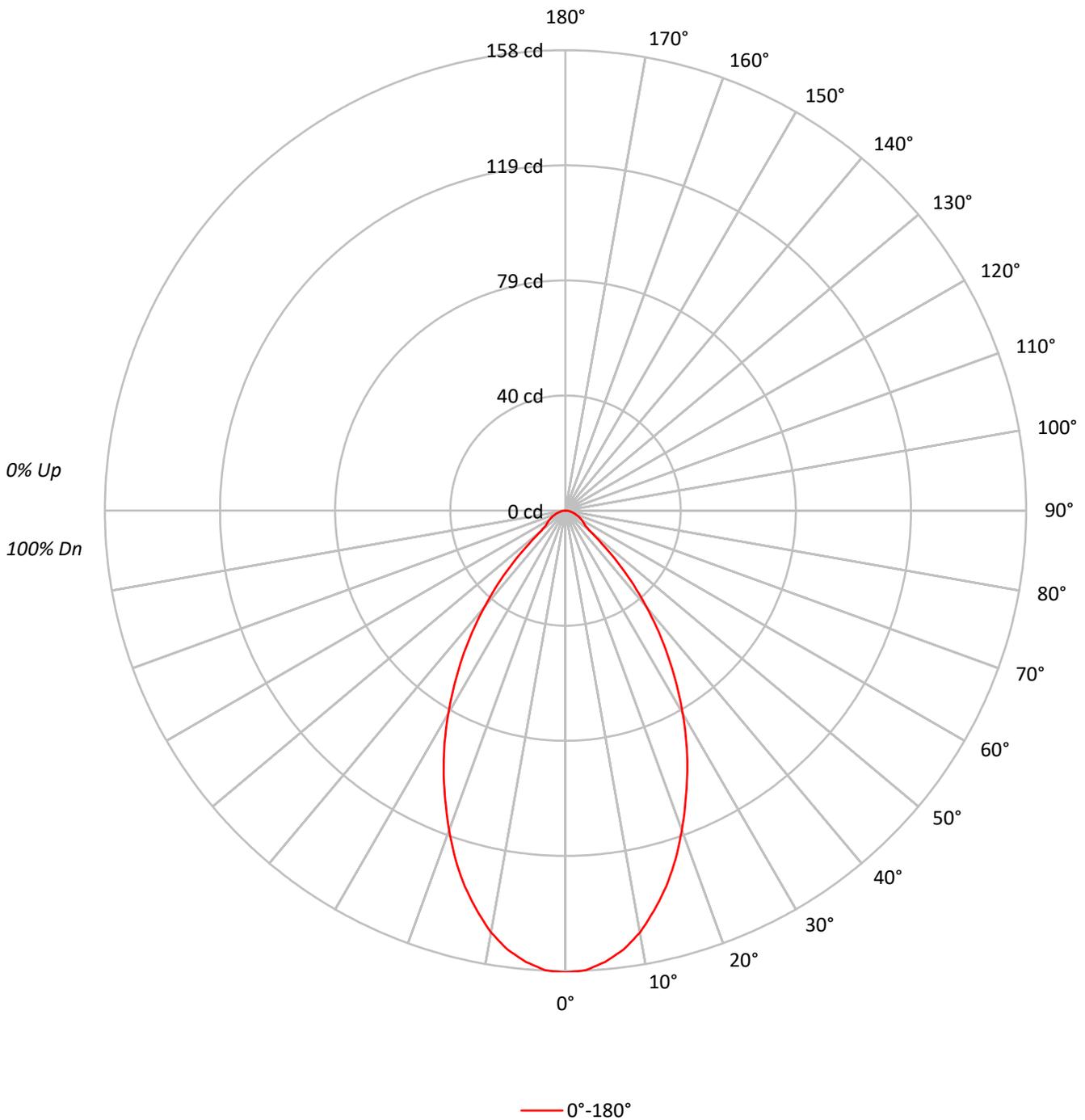
Test Method: LM-79-2019  
Report Number: P1290050  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R50W2N902750DE010 E3DLD1GPH\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 5000K CCT AND, 90CRI ,  
E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 171.0 lumens  
Efficiency: N/A  
Efficacy: 29.0 lumens/watt  
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93  
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°	14.6	8.5
10°-20°	37.2	21.8
20°-30°	45.2	26.4
30°-40°	38.3	22.4
40°-50°	19.9	11.6
50°-60°	7.2	4.2
60°-70°	5.0	2.9
70°-80°	2.7	1.6
80°-90°	0.9	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°	97.0	56.7
0°-40°	135.4	79.2
0°-60°	162.5	95.0
0°-90°	171.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	171.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	158	
5°	156	15
15°	134	37
25°	99	45
35°	62	38
45°	26	20
55°	8	7
65°	5	5
75°	2	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	158.5
2.5°	157.9
5°	155.5
7.5°	152.0
10°	147.0
12.5°	140.5
15°	133.5
17.5°	125.5
20°	116.7
22.5°	107.7
25°	98.9
27.5°	89.8
30°	80.4
32.5°	71.0
35°	61.7
37.5°	52.5
40°	43.3
42.5°	34.5
45°	25.8
47.5°	17.2
50°	11.1
52.5°	8.6
55°	7.8
57.5°	7.0
60°	6.4
62.5°	5.7
65°	5.1
67.5°	4.3
70°	3.7
72.5°	3.1
75°	2.5
77.5°	2.0
80°	1.6
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)