

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: P1270537

Luminaire Tested: P3A20R309740D010 E3D1LI

Issue Date: 1/29/2026

**Test Information**

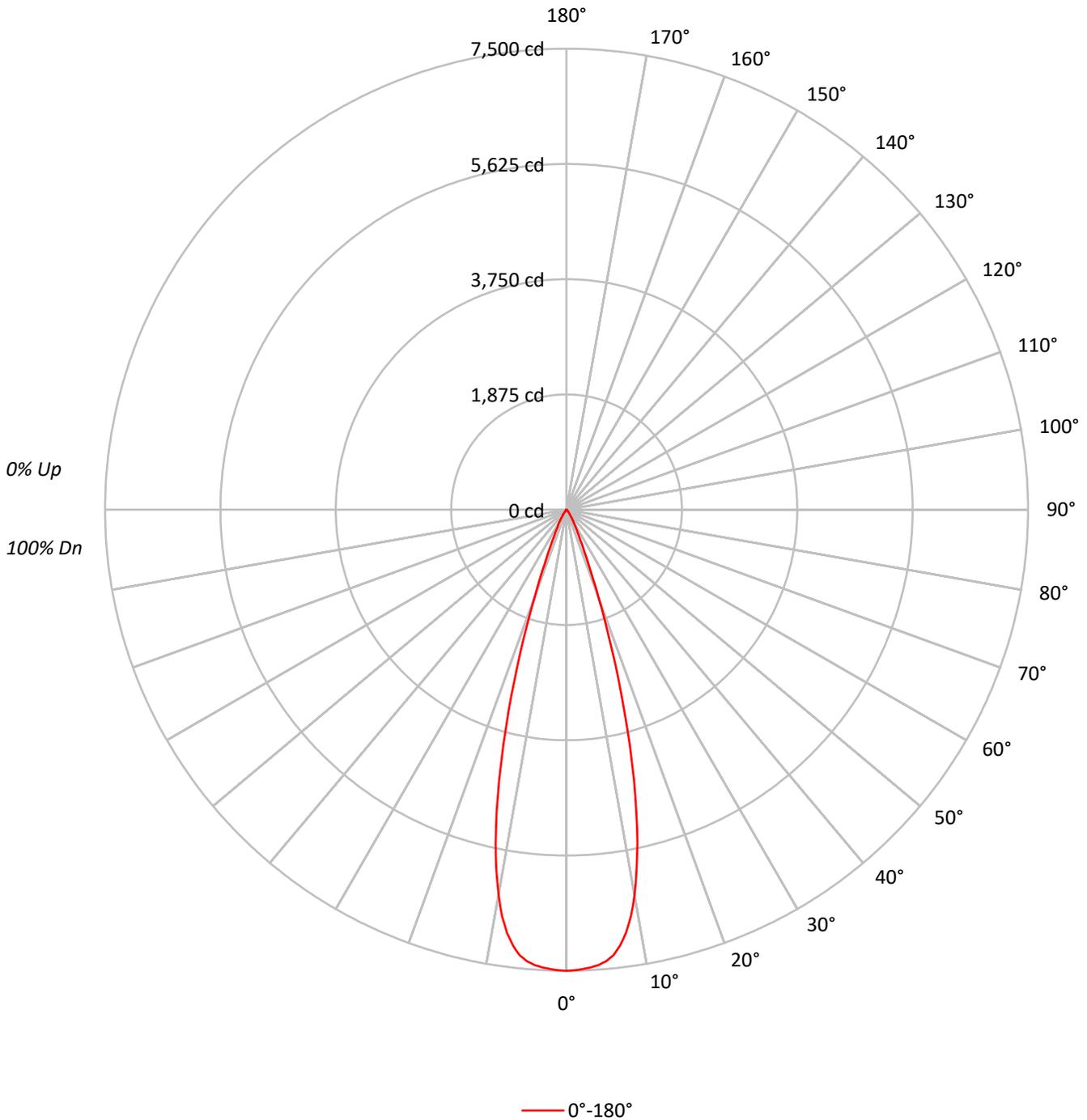
Test Method: LM-79-2019  
Report Number: P1270537  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A20R309740D010 E3D1LI  
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3D1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2067.0 lumens  
Efficiency: N/A  
Efficacy: 71.8 lumens/watt  
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 28.8  
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°	674.2	32.6
10°-20°	1045.5	50.6
20°-30°	269.6	13.0
30°-40°	63.3	3.1
40°-50°	12.3	0.6
50°-60°	1.4	0.1
60°-70°	0.7	0.0
70°-80°	0.0	0.0
80°-90°	0.0	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°	1989.2	96.2
0°-40°	2052.5	99.3
0°-60°	2066.3	100.0
0°-90°	2067.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2067.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	7500	
5°	7374	674
15°	3968	1045
25°	493	270
35°	94	63
45°	15	12
55°	2	1
65°	1	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	7499.8
1°	7494.2
2°	7476.6
3°	7456.5
4°	7426.8
5°	7373.9
6°	7288.0
7°	7145.2
8°	6950.2
9°	6695.8
10°	6364.5
11°	5970.5
12°	5540.4
13°	5045.4
14°	4527.0
15°	3967.8
16°	3419.7
17°	2891.8
18°	2385.5
19°	1920.9
20°	1529.3
21°	1203.6
22°	946.8
23°	749.4
24°	600.2
25°	492.7
26°	410.8
27°	349.0
28°	301.7
29°	258.4
30°	219.0
32.5°	138.0
35°	93.9
37.5°	58.6
40°	33.7
42.5°	22.5
45°	15.2
47.5°	8.8
50°	4.0
52.5°	1.6
55°	1.6
57.5°	0.8
60°	0.8
62.5°	0.8
65°	0.8



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**CANDELA DISTRIBUTION (continued):**

	0°
67.5°	0.8
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)