

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: P1262822

Luminaire Tested: P3A13R559727DE010 E3D1WH

Issue Date: 1/29/2026

**Test Information**

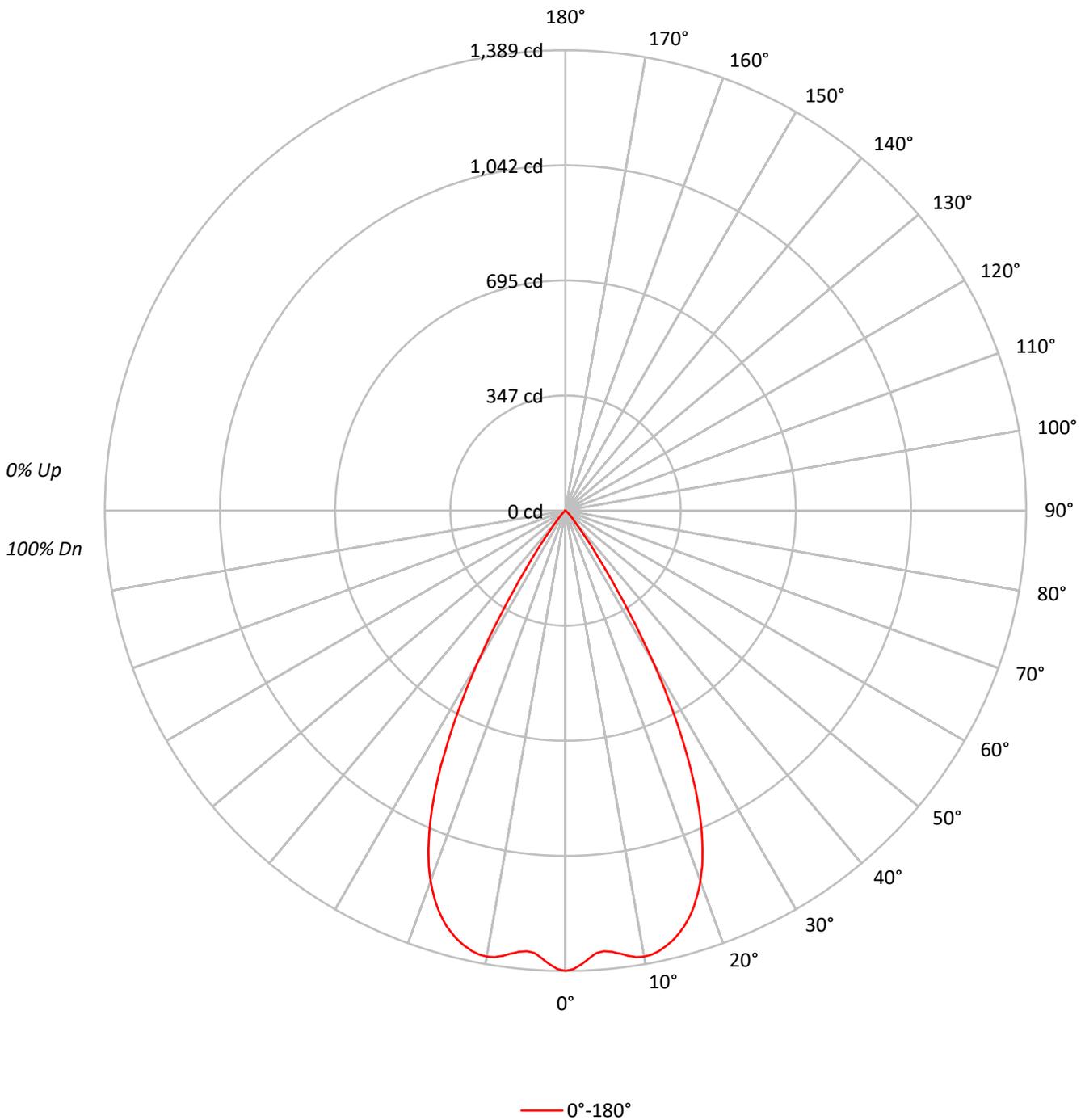
Test Method: LM-79-2019  
Report Number: P1262822  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R559727DE010 E3D1WH  
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 97CRI , E3D1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1050.0 lumens  
Efficiency: N/A  
Efficacy: 71.9 lumens/watt  
Spacing Criteria (0/90/45): 0.93 / 0.93 / 0.82  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.6  
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

TEST NUMBER: P1262822  
CATALOG NUMBER: P3A13R559727DE010 E3D1WH

### Luminous Intensity Polar Plot







TEST NUMBER: P1262822  
 CATALOG NUMBER: P3A13R559727DE010 E3D1WH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	129.1	12.3
10°-20°	367.8	35.0
20°-30°	408.9	38.9
30°-40°	127.3	12.1
40°-50°	15.3	1.5
50°-60°	1.2	0.1
60°-70°	0.4	0.0
70°-80°	0.1	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°	905.8	86.3
0°-40°	1033.1	98.4
0°-60°	1049.6	100.0
0°-90°	1050.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1050.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1389	
5°	1334	129
15°	1321	368
25°	928	409
35°	170	127
45°	18	15
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1262822  
CATALOG NUMBER: P3A13R559727DE010 E3D1WH

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1388.6
1°	1383.4
2°	1369.8
3°	1353.1
4°	1337.9
5°	1334.3
6°	1338.3
7°	1346.7
8°	1356.3
9°	1363.8
10°	1366.2
11°	1364.6
12°	1358.3
13°	1348.3
14°	1336.7
15°	1321.2
16°	1303.2
17°	1280.5
18°	1254.9
19°	1224.2
20°	1189.5
21°	1150.0
22°	1103.4
23°	1051.9
24°	992.9
25°	927.8
26°	856.4
27°	780.7
28°	699.7
29°	616.3
30°	531.3
31°	446.0
32°	362.6
32.5°	325.5
33°	287.2
34°	222.2
35°	170.3
36°	129.6
37°	96.1
37.5°	82.2
38°	71.4
39°	54.3
40°	43.9
42.5°	27.9
45°	18.0



TEST NUMBER: P1262822  
CATALOG NUMBER: P3A13R559727DE010 E3D1WH

**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	10.8
50°	4.8
52.5°	1.6
55°	0.8
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4
67.5°	0.4
70°	0.4
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)