

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: P1297907

Luminaire Tested: P3A13R55W2N902750DE010 E3D1LI_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1297907
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: P3A13R55W2N902750DE010 E3D1LI_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 3500K CCT AND, 90CRI ,
E3D1LI TRIM
Light Source: -
Ballast/Driver: -

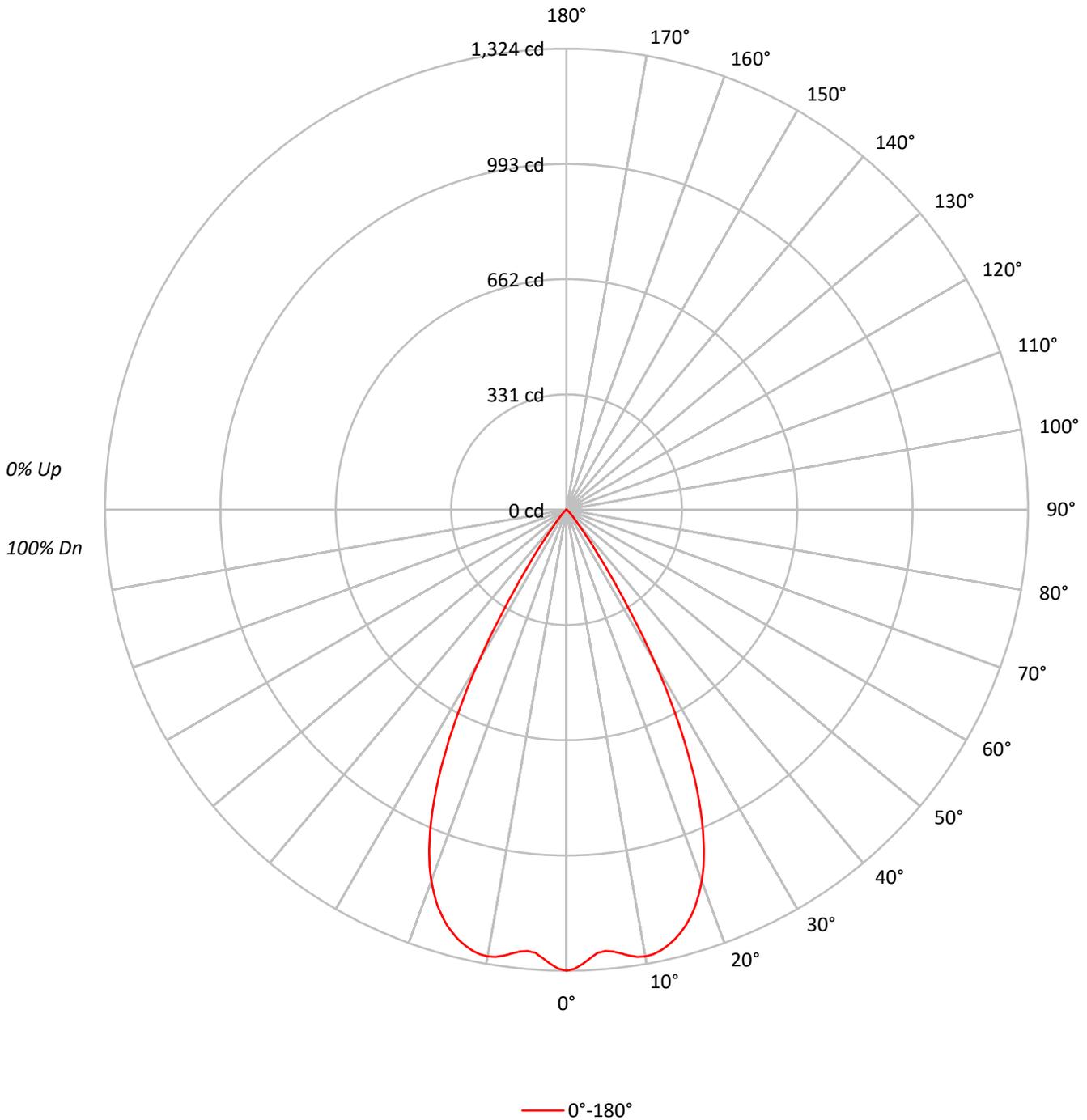
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1001.0 lumens
Efficiency: N/A
Efficacy: 81.4 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): 12.3
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°	123.1	12.3
10°-20°	350.7	35.0
20°-30°	389.8	38.9
30°-40°	121.3	12.1
40°-50°	14.6	1.5
50°-60°	1.1	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°	863.5	86.3
0°-40°	984.9	98.4
0°-60°	1000.6	100.0
0°-90°	1001.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1001.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1324	
5°	1272	123
15°	1260	351
25°	884	390
35°	162	121
45°	17	15
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1323.8
1°	1318.8
2°	1305.9
3°	1289.9
4°	1275.5
5°	1272.1
6°	1275.9
7°	1283.8
8°	1293.0
9°	1300.2
10°	1302.5
11°	1301.0
12°	1294.9
13°	1285.4
14°	1274.3
15°	1259.5
16°	1242.4
17°	1220.7
18°	1196.4
19°	1167.1
20°	1134.0
21°	1096.4
22°	1051.9
23°	1002.8
24°	946.5
25°	884.5
26°	816.5
27°	744.2
28°	667.0
29°	587.5
30°	506.5
31°	425.2
32°	345.7
32.5°	310.3
33°	273.8
34°	211.8
35°	162.4
36°	123.6
37°	91.6
37.5°	78.3
38°	68.1
39°	51.7
40°	41.8
42.5°	26.6
45°	17.1



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	10.3
50°	4.6
52.5°	1.5
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)