

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: P1297583

Luminaire Tested: P3AS13R50W2N902750DE010 E3D1H_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1297583
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R50W2N902750DE010 E3D1H_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 3500K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

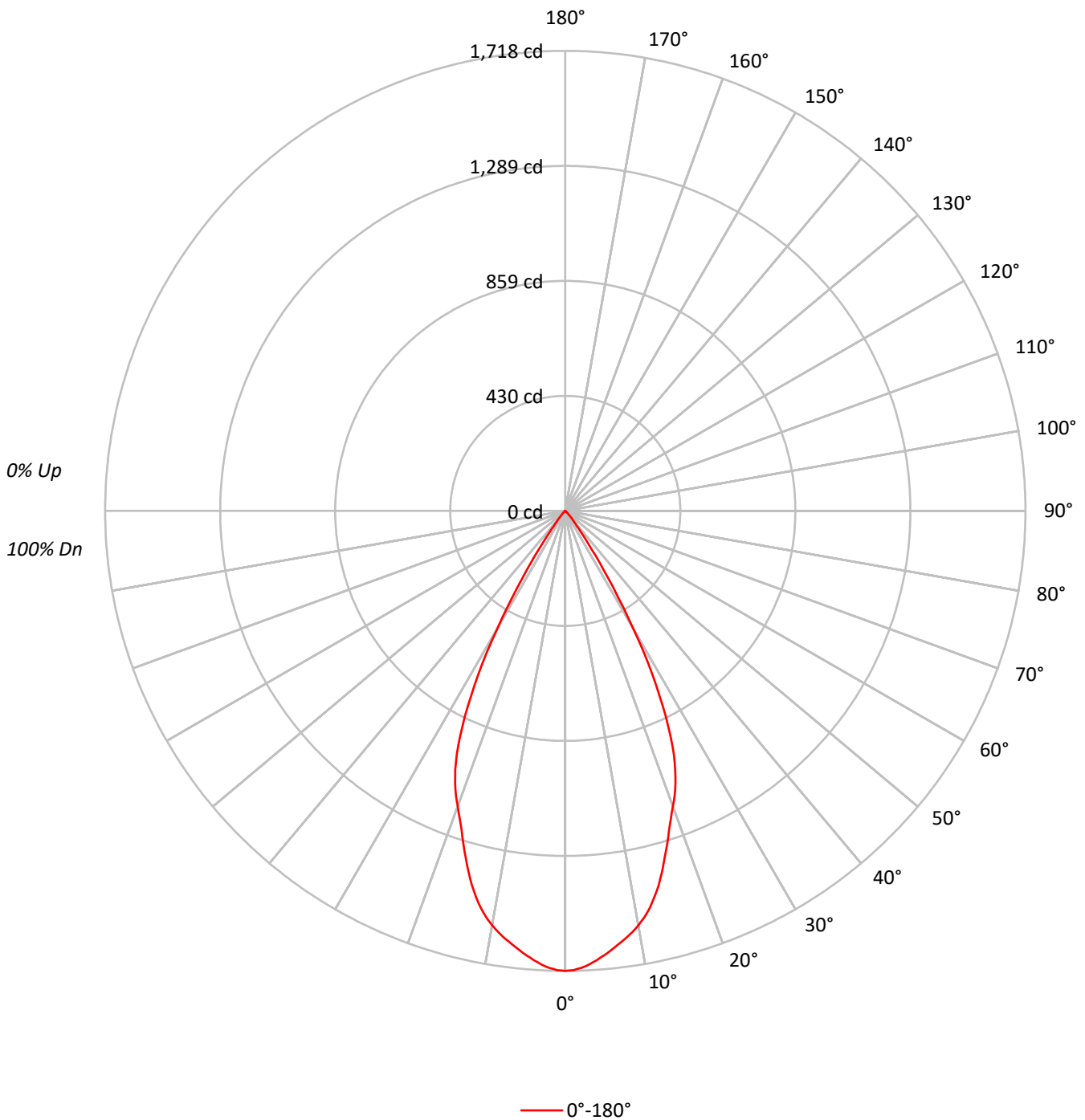
Lumens per Lamp: N/A
Luminaire Lumens: 1078.0 lumens
Efficiency: N/A
Efficacy: 87.6 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1297583

CATALOG NUMBER: P3AS13R50W2N902750DE010 E3D1H_3500K

Luminous Intensity Polar Plot





TEST NUMBER: P1297583

CATALOG NUMBER: P3AS13R50W2N902750DE010 E3D1H_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.0	14.5
10°-20°	386.6	35.9
20°-30°	406.4	37.7
30°-40°	116.3	10.8
40°-50°	11.4	1.1
50°-60°	0.9	0.1
60°-70°	0.3	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°	949.1	88.0
0°-40°	1065.4	98.8
0°-60°	1077.7	100.0
0°-90°	1078.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1078.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1718	
5°	1666	156
15°	1395	387
25°	929	406
35°	150	116
45°	12	11
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1297583

CATALOG NUMBER: P3AS13R50W2N902750DE010 E3D1H_3500K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1718.0
1°	1715.3
2°	1707.7
3°	1696.7
4°	1681.8
5°	1665.9
6°	1648.8
7°	1630.5
8°	1613.4
9°	1593.6
10°	1571.5
11°	1546.1
12°	1516.8
13°	1480.3
14°	1440.7
15°	1395.4
16°	1347.5
17°	1301.1
18°	1253.6
19°	1211.7
20°	1174.5
21°	1138.7
22°	1098.0
23°	1051.2
24°	996.5
25°	929.2
26°	856.1
27°	774.7
28°	693.7
29°	606.3
30°	510.0
31°	419.9
32°	337.0
32.5°	300.8
33°	264.3
34°	202.7
35°	149.9
36°	109.9
37°	81.8
37.5°	70.7
38°	61.2
39°	47.5
40°	37.7
42.5°	21.3
45°	12.2



TEST NUMBER: P1297583

CATALOG NUMBER: P3AS13R50W2N902750DE010 E3D1H_3500K

CANDELA DISTRIBUTION (continued):

	0°
47.5°	6.8
50°	2.7
52.5°	1.1
55°	0.8
57.5°	0.8
60°	0.4
62.5°	0.4
65°	0.4
67.5°	0.4
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)