

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: P1297620

Luminaire Tested: P3AS13R50W2N902750DE010 E3DL1LI\_5000K

Issue Date: 1/30/2026

**Test Information**

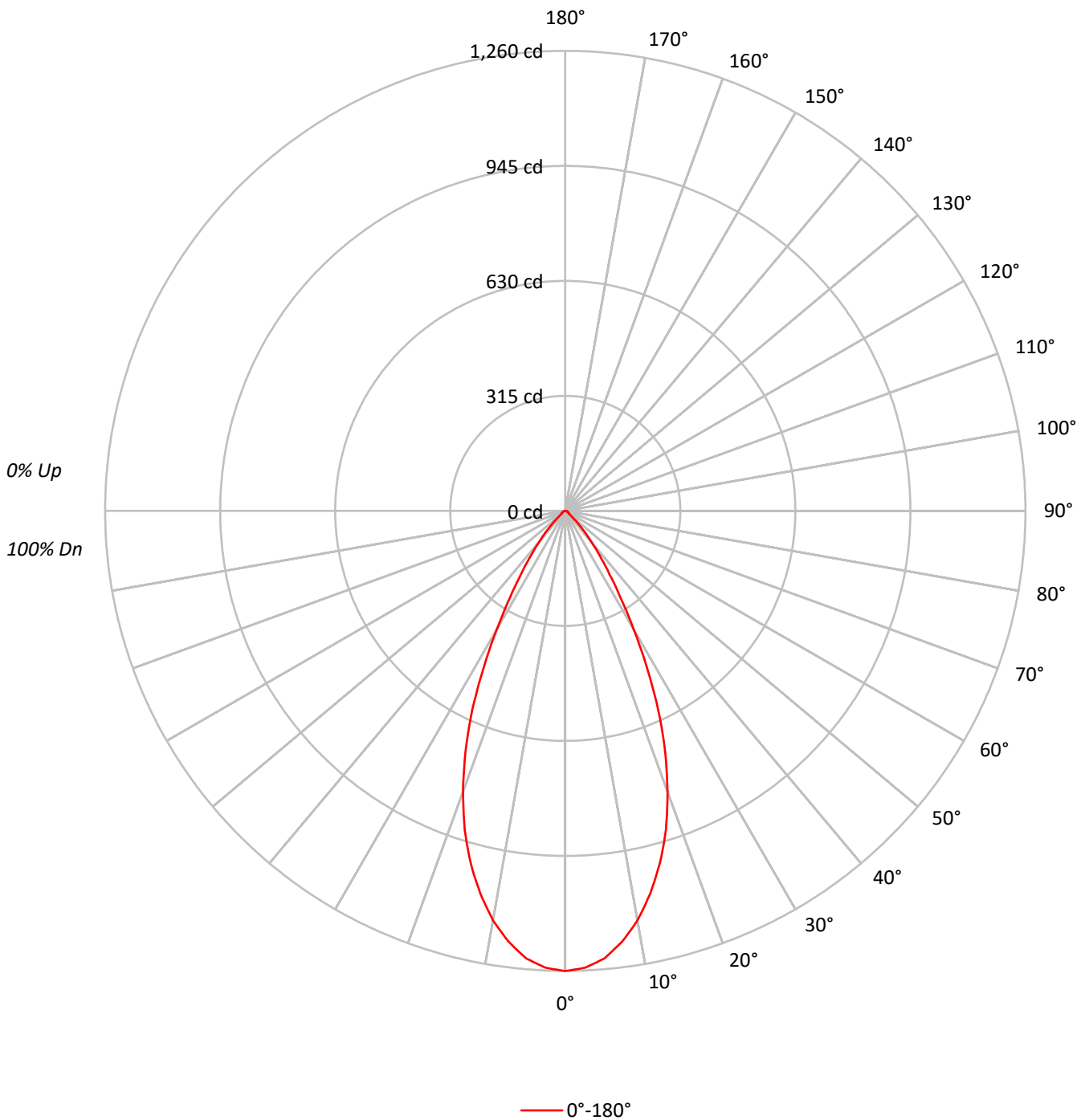
Test Method: LM-79-2019  
Report Number: P1297620  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R50W2N902750DE010 E3DL1LI\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 5000K CCT AND, 90CRI ,  
E3DL1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 868.0 lumens  
Efficiency: N/A  
Efficacy: 70.6 lumens/watt  
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75  
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: P1297620  
CATALOG NUMBER: P3AS13R50W2N902750DE010 E3DL1LI\_5000K

### Luminous Intensity Polar Plot







TEST NUMBER: P1297620  
 CATALOG NUMBER: P3AS13R50W2N902750DE010 E3DL1LI\_5000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	114.5	13.2
10°-20°	276.6	31.9
20°-30°	271.3	31.3
30°-40°	136.7	15.7
40°-50°	43.2	5.0
50°-60°	11.2	1.3
60°-70°	7.9	0.9
70°-80°	4.9	0.6
80°-90°	1.7	0.2
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°	662.4	76.3
0°-40°	799.1	92.1
0°-60°	853.5	98.3
0°-90°	868.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	868.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1260	
5°	1230	114
15°	1000	277
25°	603	271
35°	210	137
45°	52	43
55°	12	11
65°	8	8
75°	5	5
85°	2	2
90°	0	



TEST NUMBER: P1297620  
CATALOG NUMBER: P3AS13R50W2N902750DE010 E3DL1LI\_5000K

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1260.3
2.5°	1252.6
5°	1230.2
7.5°	1190.1
10°	1139.1
12.5°	1073.5
15°	1000.2
17.5°	915.3
20°	818.8
22.5°	714.6
25°	602.7
27.5°	483.9
30°	374.3
32.5°	281.7
35°	209.9
37.5°	155.1
40°	113.4
42.5°	80.3
45°	52.5
47.5°	30.1
50°	17.8
52.5°	13.1
55°	12.3
57.5°	10.8
60°	10.0
62.5°	9.3
65°	7.7
67.5°	6.9
70°	6.2
72.5°	5.4
75°	4.6
77.5°	3.9
80°	3.1
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)