

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: P1297375

Luminaire Tested: P3A13R45W2N902750DE010 E3DLP1GPH\_5000K

Issue Date: 1/30/2026

**Test Information**

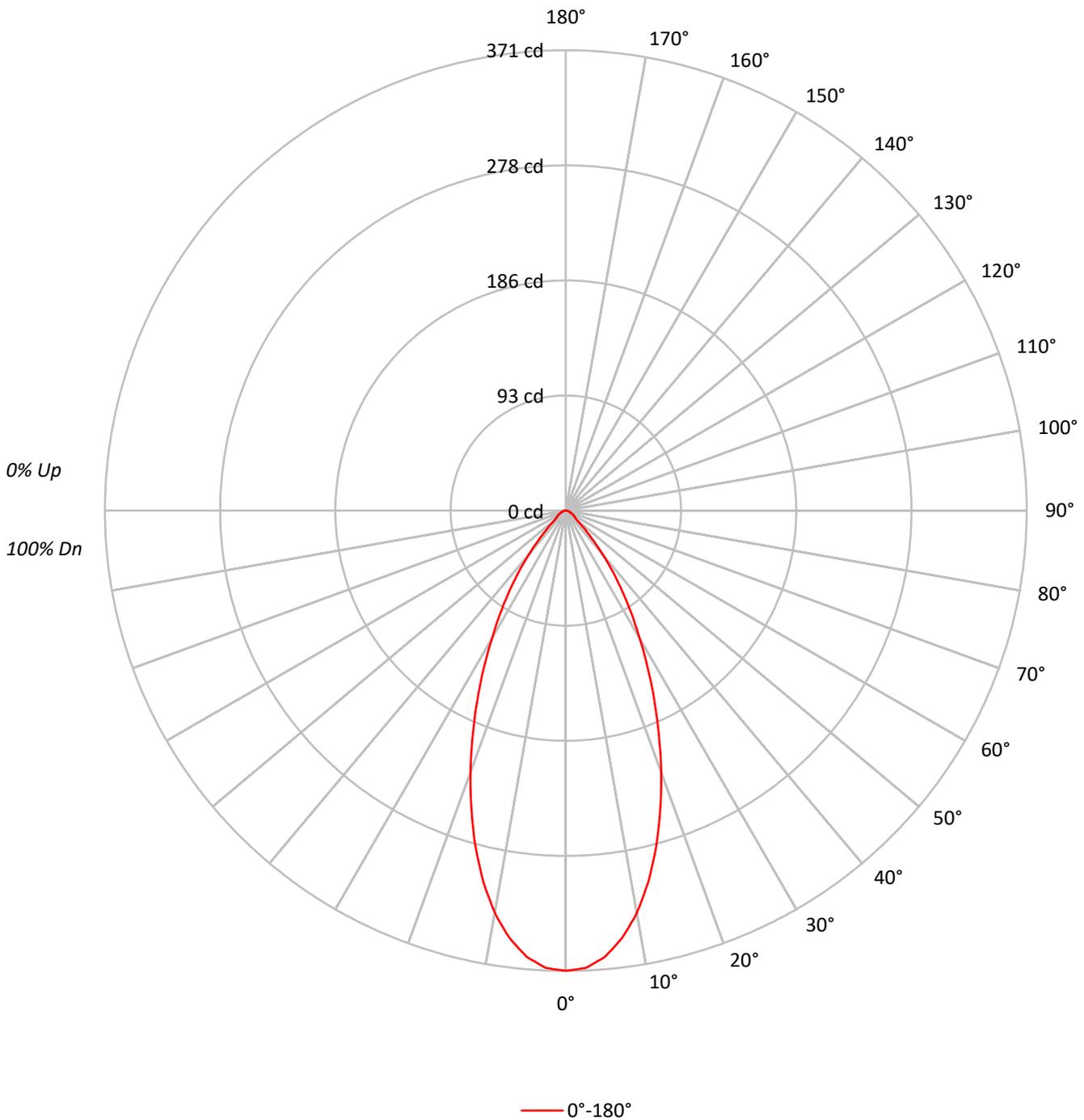
Test Method: LM-79-2019  
Report Number: P1297375  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R45W2N902750DE010 E3DLP1GPH\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 5000K CCT AND, 90CRI ,  
E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 273.0 lumens  
Efficiency: N/A  
Efficacy: 22.2 lumens/watt  
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76  
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: P1297375  
CATALOG NUMBER: P3A13R45W2N902750DE010 E3DLP1GPH\_5000K

### Luminous Intensity Polar Plot







TEST NUMBER: P1297375

CATALOG NUMBER: P3A13R45W2N902750DE010 E3DLP1GPH\_5000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	33.4	12.2
10°-20°	77.6	28.4
20°-30°	77.1	28.2
30°-40°	49.6	18.2
40°-50°	19.1	7.0
50°-60°	7.8	2.9
60°-70°	4.9	1.8
70°-80°	2.6	1.0
80°-90°	0.8	0.3
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°	188.1	68.9
0°-40°	237.8	87.1
0°-60°	264.7	96.9
0°-90°	273.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	273.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	371	
5°	361	33
15°	281	78
25°	168	77
35°	79	50
45°	23	19
55°	9	8
65°	5	5
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P1297375  
CATALOG NUMBER: P3A13R45W2N902750DE010 E3DLP1GPH\_5000K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	370.8
2.5°	368.9
5°	361.0
7.5°	347.4
10°	329.2
12.5°	306.5
15°	280.8
17.5°	252.8
20°	224.4
22.5°	195.6
25°	168.4
27.5°	142.7
30°	118.8
32.5°	98.0
35°	79.1
37.5°	62.1
40°	46.2
42.5°	33.3
45°	23.1
47.5°	15.5
50°	11.4
52.5°	9.5
55°	8.7
57.5°	7.6
60°	6.8
62.5°	5.7
65°	4.9
67.5°	4.2
70°	3.4
72.5°	3.0
75°	2.6
77.5°	1.9
80°	1.5
82.5°	1.1
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)