

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: P1283561

Luminaire Tested: P3AS09R45B2750DE010 E3DLP1WMH\_5000K

Issue Date: 1/30/2026

**Test Information**

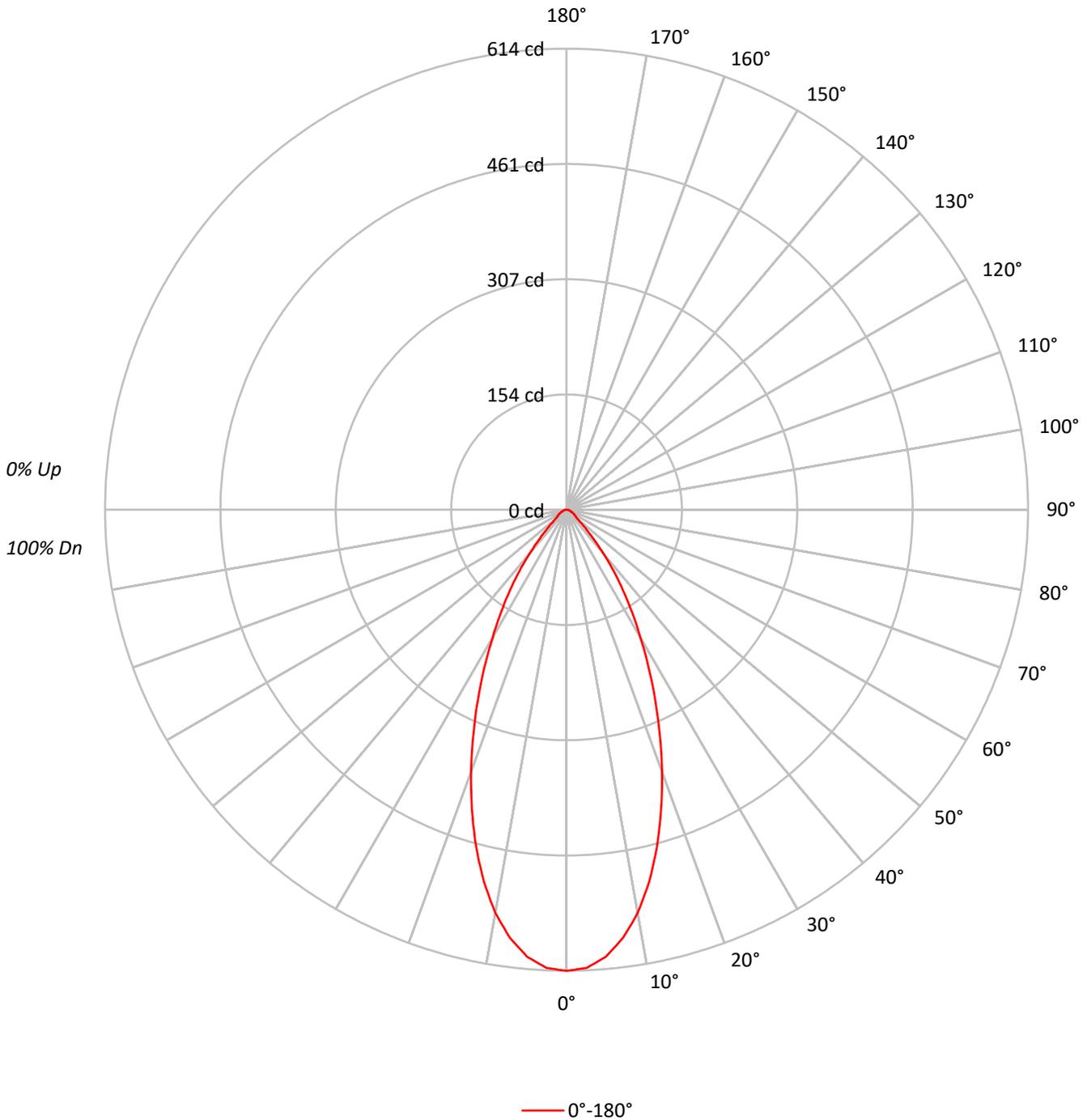
Test Method: LM-79-2019  
Report Number: P1283561  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R45B2750DE010 E3DLP1WMH\_5000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R45 optic, 5000K CCT AND, 80CRI , E3DLP1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 452.0 lumens  
Efficiency: N/A  
Efficacy: 34.5 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): 13.1  
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°	55.4	12.2
10°-20°	128.5	28.4
20°-30°	127.6	28.2
30°-40°	82.2	18.2
40°-50°	31.6	7.0
50°-60°	12.9	2.8
60°-70°	8.1	1.8
70°-80°	4.4	1.0
80°-90°	1.4	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°	311.4	68.9
0°-40°	393.6	87.1
0°-60°	438.1	96.9
0°-90°	452.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	452.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	614	
5°	598	55
15°	465	129
25°	279	128
35°	131	82
45°	38	32
55°	14	13
65°	8	8
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	614.0
2.5°	610.8
5°	597.7
7.5°	575.1
10°	545.1
12.5°	507.5
15°	464.9
17.5°	418.5
20°	371.5
22.5°	323.9
25°	278.8
27.5°	236.2
30°	196.7
32.5°	162.3
35°	130.9
37.5°	102.7
40°	76.4
42.5°	55.1
45°	38.2
47.5°	25.7
50°	18.8
52.5°	15.7
55°	14.4
57.5°	12.5
60°	11.3
62.5°	9.4
65°	8.1
67.5°	6.9
70°	5.6
72.5°	5.0
75°	4.4
77.5°	3.1
80°	2.5
82.5°	1.9
85°	1.3
87.5°	0.6
90°	0.0

(END OF REPORT)