

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: P1301132

Luminaire Tested: P3A17R45W2N902750DE010 E3DL1WMH\_3000K

Issue Date: 1/30/2026

**Test Information**

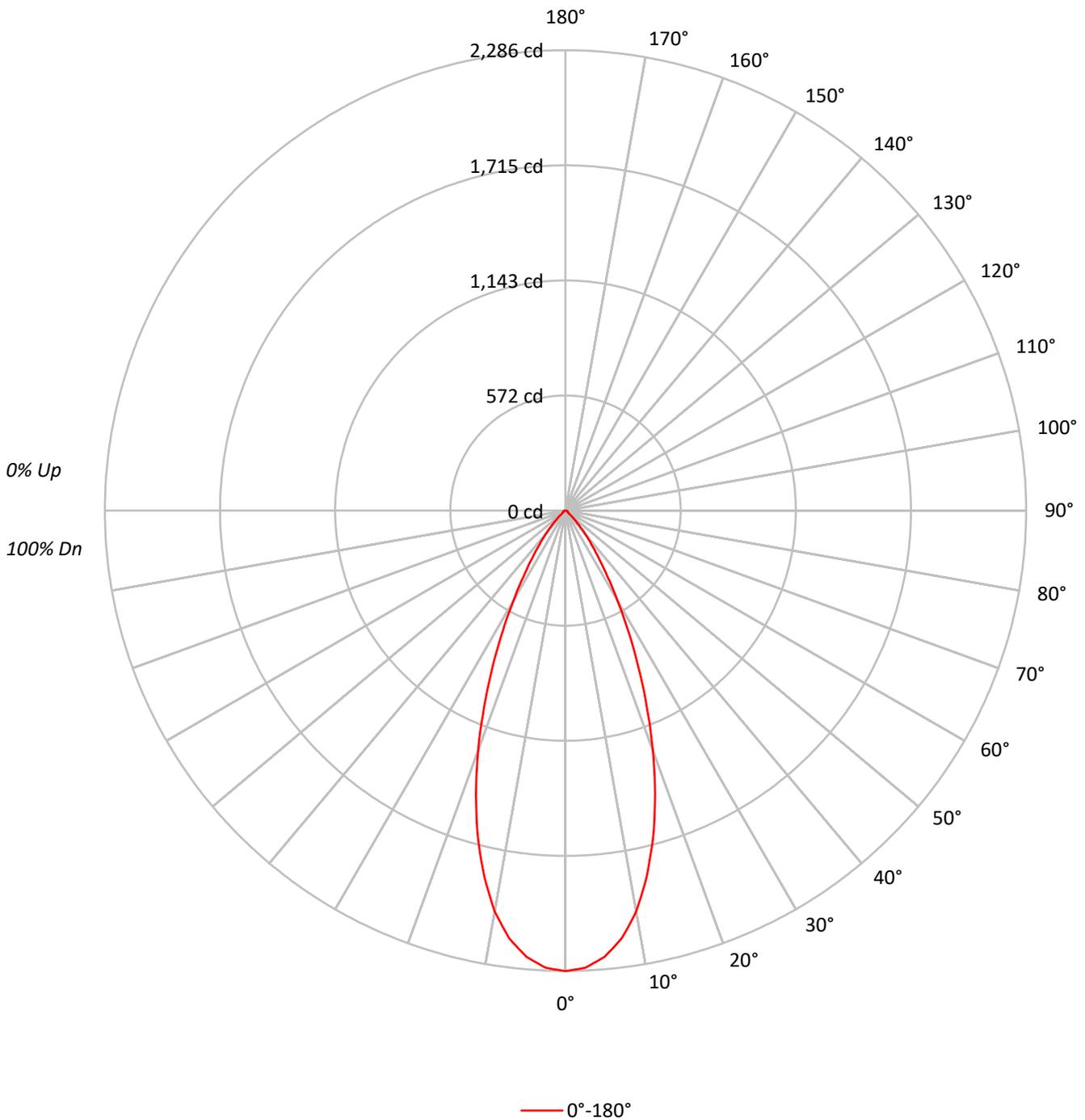
Test Method: LM-79-2019  
Report Number: P1301132  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R45W2N902750DE010 E3DL1WMH\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 3000K CCT AND, 90CRI ,  
E3DL1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1335.0 lumens  
Efficiency: N/A  
Efficacy: 68.8 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 19.4  
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°	205.9	15.4
10°-20°	461.3	34.6
20°-30°	391.7	29.3
30°-40°	186.8	14.0
40°-50°	56.3	4.2
50°-60°	14.2	1.1
60°-70°	10.6	0.8
70°-80°	6.3	0.5
80°-90°	1.8	0.1
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°	1058.9	79.3
0°-40°	1245.7	93.3
0°-60°	1316.3	98.6
0°-90°	1335.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1335.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2286	
5°	2224	206
15°	1680	461
25°	855	392
35°	286	187
45°	68	56
55°	16	14
65°	11	11
75°	6	6
85°	1	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2286.3
2.5°	2272.0
5°	2224.2
7.5°	2141.8
10°	2021.2
12.5°	1861.3
15°	1679.8
17.5°	1478.0
20°	1267.9
22.5°	1054.2
25°	854.8
27.5°	673.4
30°	514.6
32.5°	386.8
35°	286.5
37.5°	211.3
40°	151.6
42.5°	105.1
45°	68.1
47.5°	38.2
50°	21.5
52.5°	16.7
55°	15.5
57.5°	14.3
60°	13.1
62.5°	11.9
65°	10.7
67.5°	9.6
70°	8.4
72.5°	7.2
75°	6.0
77.5°	4.8
80°	3.6
82.5°	2.4
85°	1.2
87.5°	1.2
90°	0.0

(END OF REPORT)