

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: P1293454

Luminaire Tested: P3A09R40W2N902765DE010 E3DLP1H\_4000K

Issue Date: 1/30/2026

**Test Information**

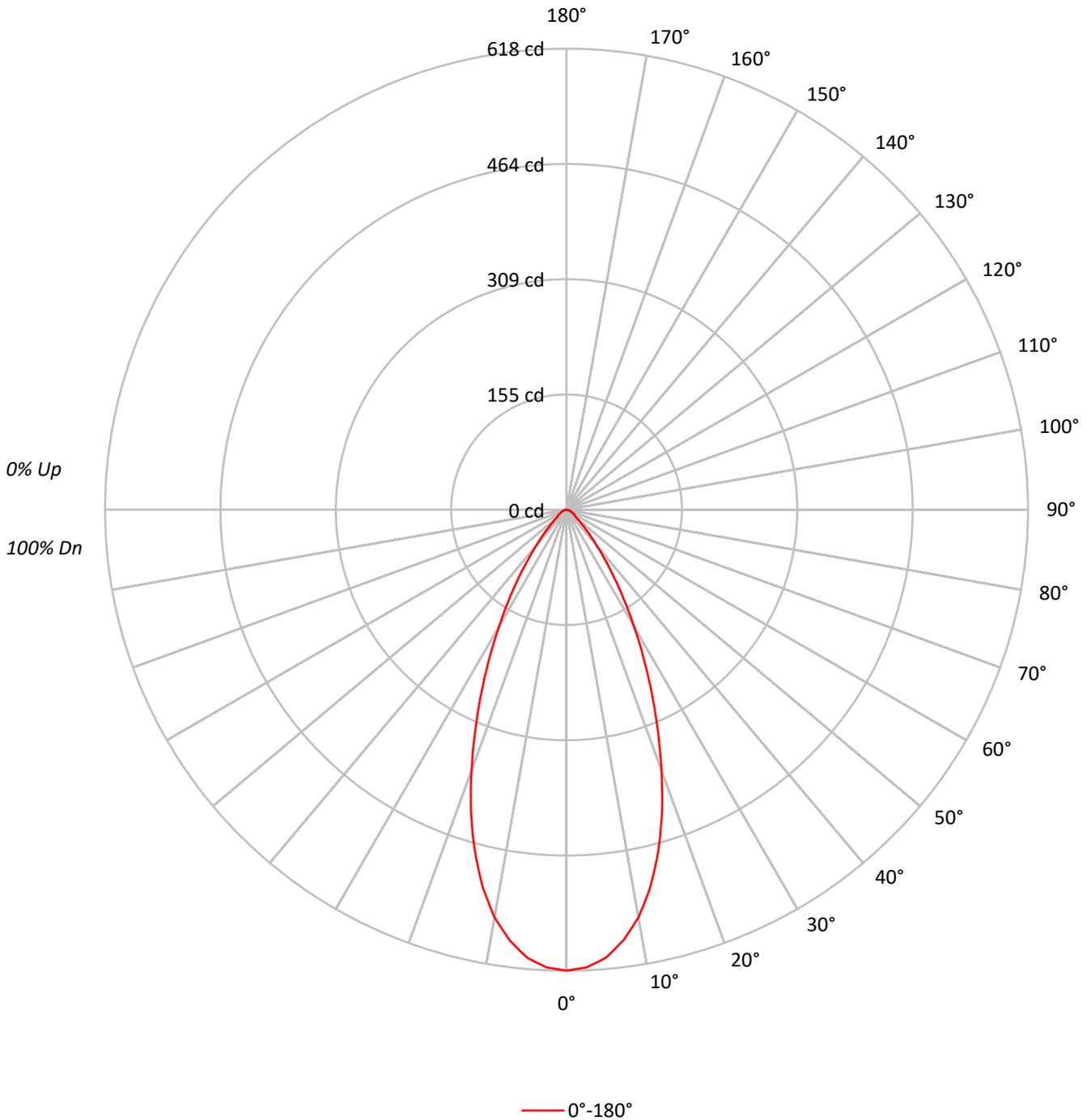
Test Method: LM-79-2019  
Report Number: P1293454  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A09R40W2N902765DE010 E3DLP1H\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 4000K CCT AND, 90CRI ,  
E3DLP1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 435.0 lumens  
Efficiency: N/A  
Efficacy: 48.3 lumens/watt  
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 9  
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°	56.0	12.9
10°-20°	130.7	30.0
20°-30°	123.1	28.3
30°-40°	71.2	16.4
40°-50°	28.4	6.5
50°-60°	12.6	2.9
60°-70°	7.8	1.8
70°-80°	4.1	0.9
80°-90°	1.3	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°	309.8	71.2
0°-40°	381.0	87.6
0°-60°	421.9	97.0
0°-90°	435.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	435.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	618	
5°	603	56
15°	474	131
25°	269	123
35°	112	71
45°	35	28
55°	14	13
65°	8	8
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	617.7
2.5°	614.1
5°	602.9
7.5°	582.2
10°	554.9
12.5°	518.2
15°	474.4
17.5°	425.2
20°	371.9
22.5°	318.6
25°	268.9
27.5°	222.7
30°	180.6
32.5°	143.9
35°	111.9
37.5°	84.7
40°	63.4
42.5°	47.4
45°	34.9
47.5°	25.5
50°	19.0
52.5°	15.4
55°	13.6
57.5°	12.4
60°	10.7
62.5°	8.9
65°	7.7
67.5°	6.5
70°	5.9
72.5°	4.7
75°	3.6
77.5°	3.0
80°	2.4
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)