

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: P1300900

Luminaire Tested: P3AS17R40W2N902765DE010 E3CB1MB\_4000K

Issue Date: 1/30/2026

**Test Information**

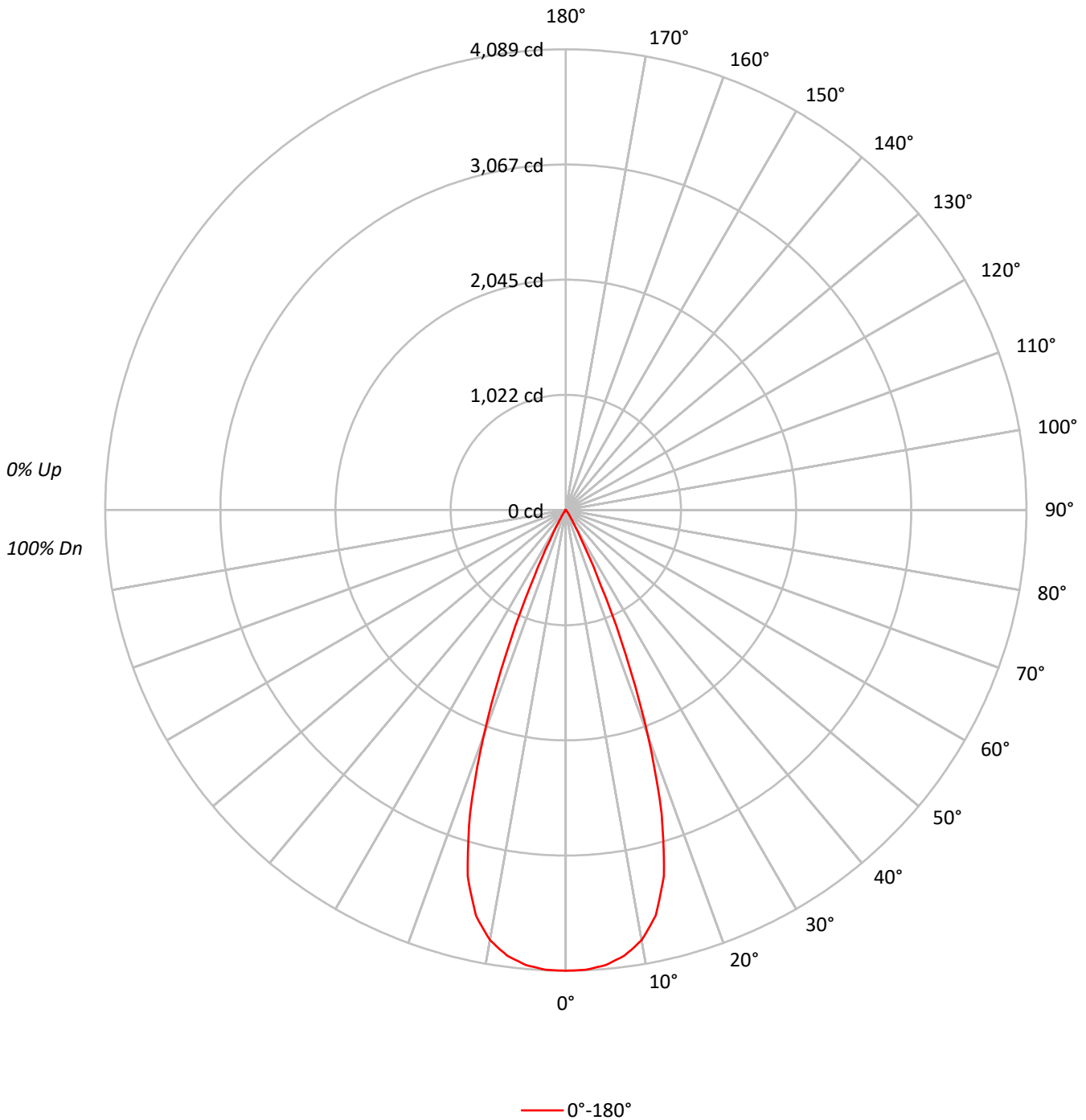
Test Method: LM-79-2019  
Report Number: P1300900  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-24)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R40W2N902765DE010 E3CB1MB\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 4000K CCT AND, 90CRI ,  
E3CB1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1702.9 lumens  
Efficiency: N/A  
Efficacy: 87.8 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.59  
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°	381.5	22.4
10°-20°	888.3	52.2
20°-30°	385.5	22.6
30°-40°	35.6	2.1
40°-50°	5.0	0.3
50°-60°	3.1	0.2
60°-70°	2.2	0.1
70°-80°	1.3	0.1
80°-90°	0.5	0.0
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°	1655.3	97.2
0°-40°	1690.8	99.3
0°-60°	1699.0	99.8
0°-90°	1702.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1702.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	4089	
5°	4054	381
15°	3364	888
25°	730	385
35°	46	36
45°	5	5
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	4089.2
2.5°	4084.3
5°	4054.0
7.5°	3989.8
10°	3877.1
12.5°	3686.8
15°	3364.4
17.5°	2829.9
20°	2135.5
22.5°	1386.5
25°	729.6
27.5°	313.9
30°	147.9
32.5°	80.0
35°	46.1
37.5°	27.9
40°	15.8
42.5°	8.5
45°	4.8
47.5°	3.6
50°	3.6
52.5°	3.6
55°	3.6
57.5°	3.6
60°	2.4
62.5°	2.4
65°	2.4
67.5°	2.4
70°	1.2
72.5°	1.2
75°	1.2
77.5°	1.2
80°	1.2
82.5°	1.2
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)