

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: P1301055

Luminaire Tested: P3A17R40W2N902765DE010 E3DLP1MW\_3500K

Issue Date: 1/30/2026

**Test Information**

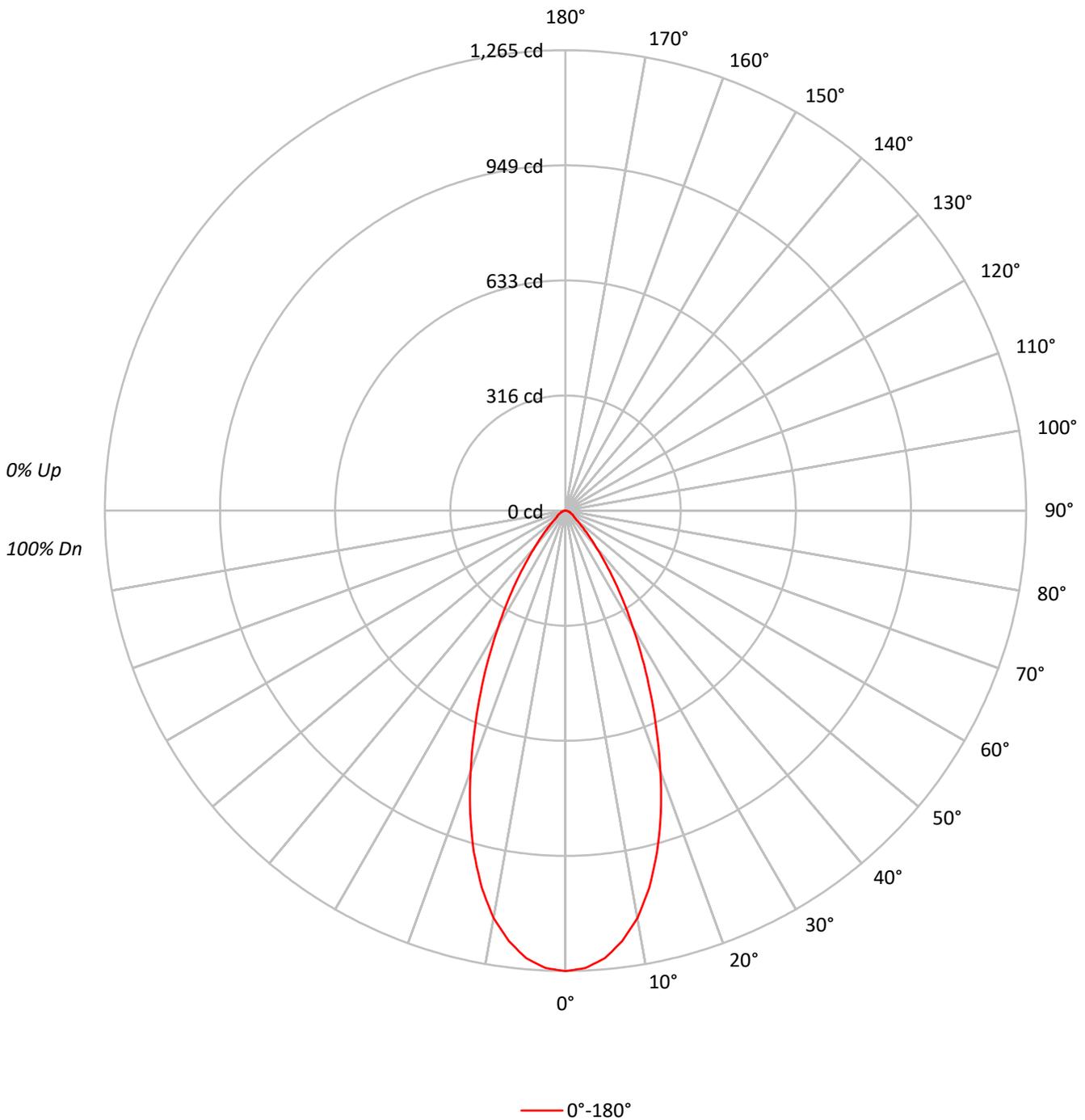
Test Method: LM-79-2019  
Report Number: P1301055  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R40W2N902765DE010 E3DLP1MW\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 3500K CCT AND, 90CRI ,  
E3DLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 891.0 lumens  
Efficiency: N/A  
Efficacy: 45.9 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): 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°	114.7	12.9
10°-20°	267.6	30.0
20°-30°	252.2	28.3
30°-40°	145.8	16.4
40°-50°	58.1	6.5
50°-60°	25.7	2.9
60°-70°	15.9	1.8
70°-80°	8.3	0.9
80°-90°	2.6	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°	634.5	71.2
0°-40°	780.3	87.6
0°-60°	864.2	97.0
0°-90°	891.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	891.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1265	
5°	1235	115
15°	972	268
25°	551	252
35°	229	146
45°	72	58
55°	28	26
65°	16	16
75°	7	8
85°	2	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1265.2
2.5°	1257.9
5°	1234.9
7.5°	1192.4
10°	1136.6
12.5°	1061.4
15°	971.7
17.5°	871.0
20°	761.8
22.5°	652.6
25°	550.7
27.5°	456.1
30°	370.0
32.5°	294.8
35°	229.3
37.5°	173.5
40°	129.8
42.5°	97.0
45°	71.6
47.5°	52.2
50°	38.8
52.5°	31.5
55°	27.9
57.5°	25.5
60°	21.8
62.5°	18.2
65°	15.8
67.5°	13.3
70°	12.1
72.5°	9.7
75°	7.3
77.5°	6.1
80°	4.9
82.5°	3.6
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)