

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: P1291255

Luminaire Tested: P3AS05R70W2N902750DE010 E3CD1MB\_4000K

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1291255  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-48)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R70W2N902750DE010 E3CD1MB\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 4000K CCT AND, 90CRI ,  
E3CD1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 502.0 lumens  
Efficiency: N/A  
Efficacy: 85.1 lumens/watt  
Spacing Criteria (0/90/45): 1.01 / 1.01 / 1.03  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 5.9  
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°	40.5	8.1
10°-20°	109.0	21.7
20°-30°	152.3	30.3
30°-40°	141.2	28.1
40°-50°	50.6	10.1
50°-60°	4.3	0.9
60°-70°	2.1	0.4
70°-80°	1.4	0.3
80°-90°	0.5	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°	301.8	60.1
0°-40°	443.0	88.3
0°-60°	497.9	99.2
0°-90°	502.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	502.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	455	
5°	432	40
15°	388	109
25°	332	152
35°	234	141
45°	61	51
55°	3	4
65°	2	2
75°	1	1
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	454.6
2.5°	447.8
5°	432.1
7.5°	417.7
10°	406.4
12.5°	397.2
15°	388.0
17.5°	376.8
20°	363.5
22.5°	348.3
25°	331.8
27.5°	315.0
30°	294.9
32.5°	269.2
35°	234.3
37.5°	189.8
40°	141.2
42.5°	96.3
45°	60.6
47.5°	33.7
50°	14.4
52.5°	4.8
55°	3.2
57.5°	2.8
60°	2.8
62.5°	2.4
65°	2.0
67.5°	2.0
70°	1.6
72.5°	1.6
75°	1.2
77.5°	1.2
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)