

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: P1298036

Luminaire Tested: P3AS13R55W2N902765DE010 E3CD1MB\_4000K

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1298036  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-36)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R55W2N902765DE010 E3CD1MB\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 4000K CCT AND, 90CRI ,  
E3CD1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1032.1 lumens  
Efficiency: N/A  
Efficacy: 83.9 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.82  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 12.3  
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°	124.5	12.1
10°-20°	356.1	34.5
20°-30°	397.0	38.5
30°-40°	129.9	12.6
40°-50°	17.1	1.7
50°-60°	3.6	0.4
60°-70°	2.1	0.2
70°-80°	1.4	0.1
80°-90°	0.3	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°	877.6	85.0
0°-40°	1007.5	97.6
0°-60°	1028.3	99.6
0°-90°	1032.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1032.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1305	
5°	1288	125
15°	1281	356
25°	902	397
35°	171	130
45°	20	17
55°	3	4
65°	2	2
75°	2	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1305.3
2.5°	1296.0
5°	1288.3
7.5°	1306.9
10°	1324.7
12.5°	1315.4
15°	1281.3
17.5°	1227.0
20°	1149.4
22.5°	1042.4
25°	902.0
27.5°	723.6
30°	523.5
32.5°	321.1
35°	171.4
37.5°	86.9
40°	45.8
42.5°	29.5
45°	20.2
47.5°	14.0
50°	7.8
52.5°	4.7
55°	3.1
57.5°	3.1
60°	3.1
62.5°	2.3
65°	2.3
67.5°	1.6
70°	1.6
72.5°	1.6
75°	1.6
77.5°	0.8
80°	0.8
82.5°	0.8
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)