

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: P1301831

Luminaire Tested: P3AS17R55W2N902765DE010 E3CD1MB_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1301831
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: P3AS17R55W2N902765DE010 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: 1612.9 lumens
Efficiency: N/A
Efficacy: 83.1 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): 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°	194.7	12.1
10°-20°	556.6	34.5
20°-30°	620.5	38.5
30°-40°	203.0	12.6
40°-50°	26.8	1.7
50°-60°	5.6	0.3
60°-70°	3.3	0.2
70°-80°	2.1	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°	1371.7	85.0
0°-40°	1574.7	97.6
0°-60°	1607.1	99.6
0°-90°	1612.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1612.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2040	
5°	2014	195
15°	2003	557
25°	1410	620
35°	268	203
45°	32	27
55°	5	6
65°	4	3
75°	2	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2040.2
2.5°	2025.6
5°	2013.5
7.5°	2042.6
10°	2070.5
12.5°	2055.9
15°	2002.6
17.5°	1917.8
20°	1796.5
22.5°	1629.2
25°	1409.8
27.5°	1131.0
30°	818.3
32.5°	501.9
35°	267.9
37.5°	135.8
40°	71.5
42.5°	46.1
45°	31.5
47.5°	21.8
50°	12.1
52.5°	7.3
55°	4.8
57.5°	4.8
60°	4.8
62.5°	3.6
65°	3.6
67.5°	2.4
70°	2.4
72.5°	2.4
75°	2.4
77.5°	1.2
80°	1.2
82.5°	1.2
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)