

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: P1293327

Luminaire Tested: P3AS09R40W2N902765DE010 E3CD1MB_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1293327
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: P3AS09R40W2N902765DE010 E3CD1MB_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 3500K CCT AND, 90CRI ,
E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 831.1 lumens
Efficiency: N/A
Efficacy: 92.3 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): 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°	186.1	22.4
10°-20°	433.5	52.2
20°-30°	188.1	22.6
30°-40°	17.3	2.1
40°-50°	2.5	0.3
50°-60°	1.5	0.2
60°-70°	1.1	0.1
70°-80°	0.6	0.1
80°-90°	0.2	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°	807.7	97.2
0°-40°	825.1	99.3
0°-60°	829.1	99.8
0°-90°	831.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	831.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1995	
5°	1978	186
15°	1642	433
25°	356	188
35°	22	17
45°	2	2
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1995.4
2.5°	1993.0
5°	1978.2
7.5°	1946.9
10°	1891.9
12.5°	1799.0
15°	1641.7
17.5°	1380.9
20°	1042.0
22.5°	676.6
25°	356.0
27.5°	153.2
30°	72.1
32.5°	39.0
35°	22.5
37.5°	13.6
40°	7.7
42.5°	4.1
45°	2.4
47.5°	1.8
50°	1.8
52.5°	1.8
55°	1.8
57.5°	1.8
60°	1.2
62.5°	1.2
65°	1.2
67.5°	1.2
70°	0.6
72.5°	0.6
75°	0.6
77.5°	0.6
80°	0.6
82.5°	0.6
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)