

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: P1247372

Luminaire Tested: P3A17R509024DE010 E3CB1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247372
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-32)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R509024DE010 E3CB1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 2400K CCT AND, 90CRI , E3CB1MW TRIM
Light Source: -
Ballast/Driver: -

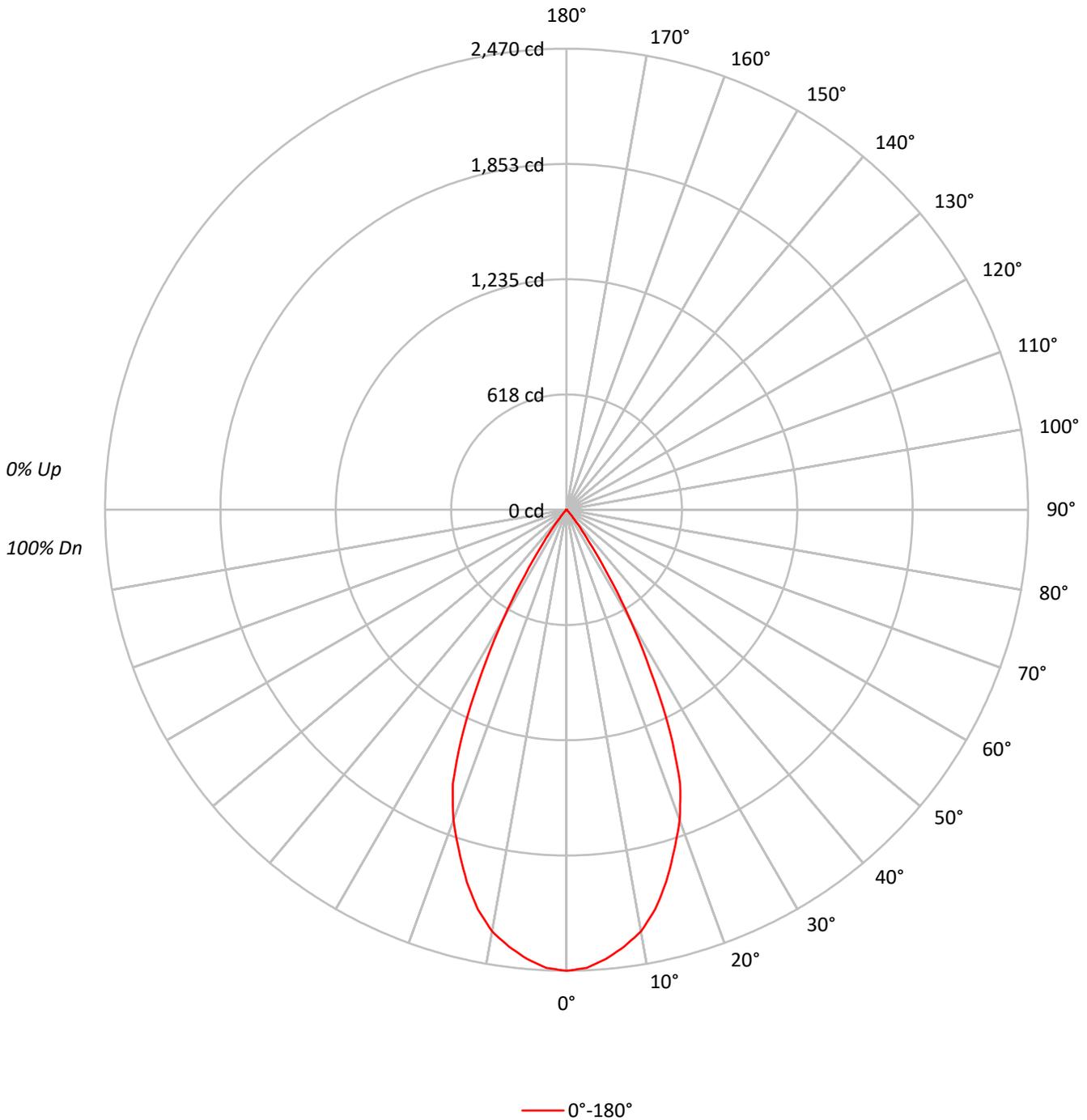
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1554.9 lumens
Efficiency: N/A
Efficacy: 73.3 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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

TEST NUMBER: P1247372
CATALOG NUMBER: P3A17R509024DE010 E3CB1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1247372
 CATALOG NUMBER: P3A17R509024DE010 E3CB1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	226.7	14.6
10°-20°	573.4	36.9
20°-30°	574.3	36.9
30°-40°	161.5	10.4
40°-50°	9.7	0.6
50°-60°	3.7	0.2
60°-70°	3.0	0.2
70°-80°	2.0	0.1
80°-90°	0.7	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°	1374.4	88.4
0°-40°	1535.9	98.8
0°-60°	1549.3	99.6
0°-90°	1554.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1554.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2470	
5°	2416	227
15°	2063	573
25°	1308	574
35°	207	161
45°	6	10
55°	4	4
65°	3	3
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1247372
CATALOG NUMBER: P3A17R509024DE010 E3CB1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	2469.7
2.5°	2457.2
5°	2416.3
7.5°	2360.6
10°	2293.5
12.5°	2192.4
15°	2062.8
17.5°	1913.9
20°	1769.6
22.5°	1590.0
25°	1308.2
27.5°	974.0
30°	679.7
32.5°	410.3
35°	206.9
37.5°	97.7
40°	45.5
42.5°	17.0
45°	5.7
47.5°	4.5
50°	4.5
52.5°	4.5
55°	4.5
57.5°	3.4
60°	3.4
62.5°	3.4
65°	3.4
67.5°	2.3
70°	2.3
72.5°	2.3
75°	2.3
77.5°	1.1
80°	1.1
82.5°	1.1
85°	1.1
87.5°	0.0
90°	0.0

(END OF REPORT)