

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: P1298842

Luminaire Tested: P3AS13R70W2N902750DE010 E3CD1MB_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298842
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: P3AS13R70W2N902750DE010 E3CD1MB_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 2700K CCT AND, 90CRI ,
E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

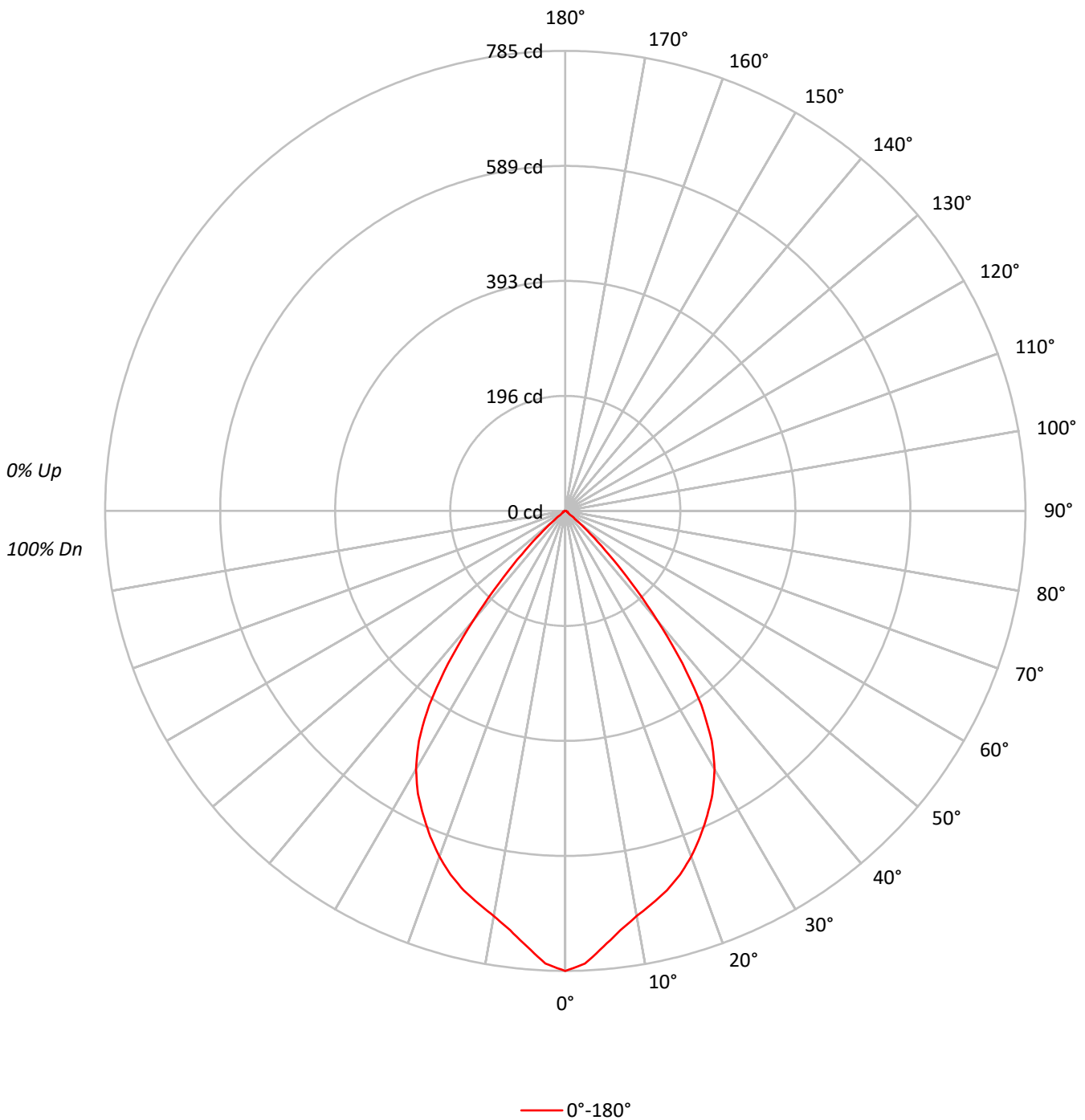
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 867.1 lumens
Efficiency: N/A
Efficacy: 70.5 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): 12.3
Input Voltage (V): NR
Input Current (A_{in}): 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°	69.9	8.1
10°-20°	188.3	21.7
20°-30°	263.1	30.3
30°-40°	243.9	28.1
40°-50°	87.4	10.1
50°-60°	7.4	0.9
60°-70°	3.7	0.4
70°-80°	2.4	0.3
80°-90°	1.0	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°	521.2	60.1
0°-40°	765.1	88.2
0°-60°	860.0	99.2
0°-90°	867.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	867.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	785	
5°	746	70
15°	670	188
25°	573	263
35°	405	244
45°	105	87
55°	6	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	785.1
2.5°	773.3
5°	746.3
7.5°	721.4
10°	702.0
12.5°	686.0
15°	670.1
17.5°	650.7
20°	627.8
22.5°	601.5
25°	573.1
27.5°	544.0
30°	509.3
32.5°	465.0
35°	404.7
37.5°	327.8
40°	243.9
42.5°	166.3
45°	104.6
47.5°	58.2
50°	24.9
52.5°	8.3
55°	5.5
57.5°	4.9
60°	4.9
62.5°	4.2
65°	3.5
67.5°	3.5
70°	2.8
72.5°	2.8
75°	2.1
77.5°	2.1
80°	1.4
82.5°	1.4
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)