

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: P1259332

Luminaire Tested: P3AS05R509050DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259332
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R509050DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R50 optic, 5000K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

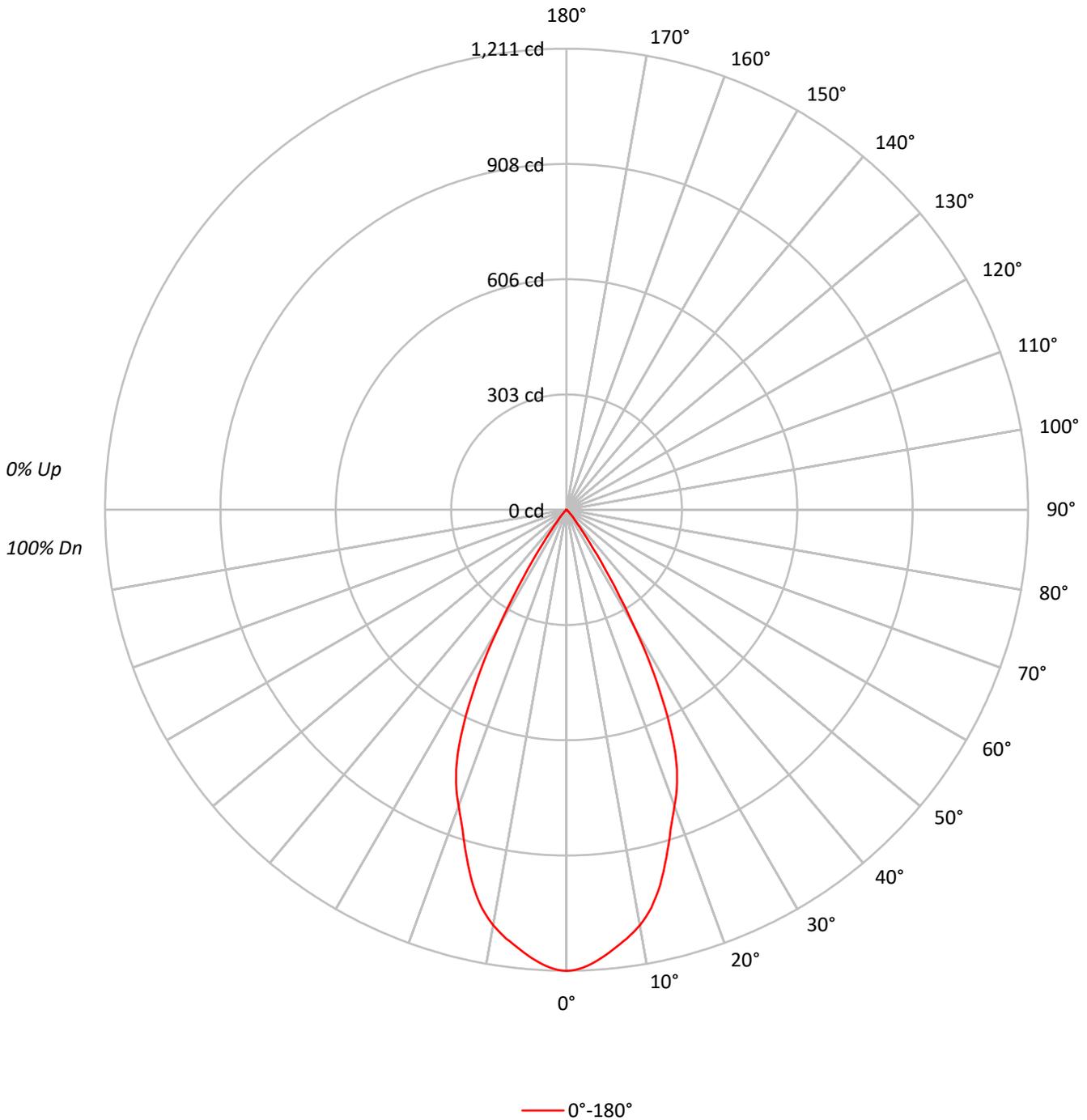
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 760.0 lumens
Efficiency: N/A
Efficacy: 105.6 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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

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Luminous Intensity Polar Plot





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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.0	14.5
10°-20°	272.6	35.9
20°-30°	286.5	37.7
30°-40°	82.0	10.8
40°-50°	8.0	1.1
50°-60°	0.6	0.1
60°-70°	0.3	0.0
70°-80°	0.0	0.0
80°-90°	0.0	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°	669.1	88.0
0°-40°	751.1	98.8
0°-60°	759.7	100.0
0°-90°	760.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	760.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1211	
5°	1174	110
15°	984	273
25°	655	287
35°	106	82
45°	9	8
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1211.2
1°	1209.3
2°	1203.9
3°	1196.2
4°	1185.7
5°	1174.5
6°	1162.4
7°	1149.5
8°	1137.4
9°	1123.5
10°	1108.0
11°	1090.0
12°	1069.3
13°	1043.6
14°	1015.7
15°	983.8
16°	950.0
17°	917.3
18°	883.8
19°	854.3
20°	828.0
21°	802.8
22°	774.1
23°	741.1
24°	702.5
25°	655.1
26°	603.6
27°	546.2
28°	489.1
29°	427.4
30°	359.6
31°	296.0
32°	237.6
32.5°	212.1
33°	186.4
34°	142.9
35°	105.6
36°	77.5
37°	57.6
37.5°	49.9
38°	43.2
39°	33.5
40°	26.5
42.5°	15.0
45°	8.6



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	4.8
50°	1.9
52.5°	0.8
55°	0.5
57.5°	0.5
60°	0.3
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)