

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: P1250039

Luminaire Tested: P3AS20R409027D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250039
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R409027D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

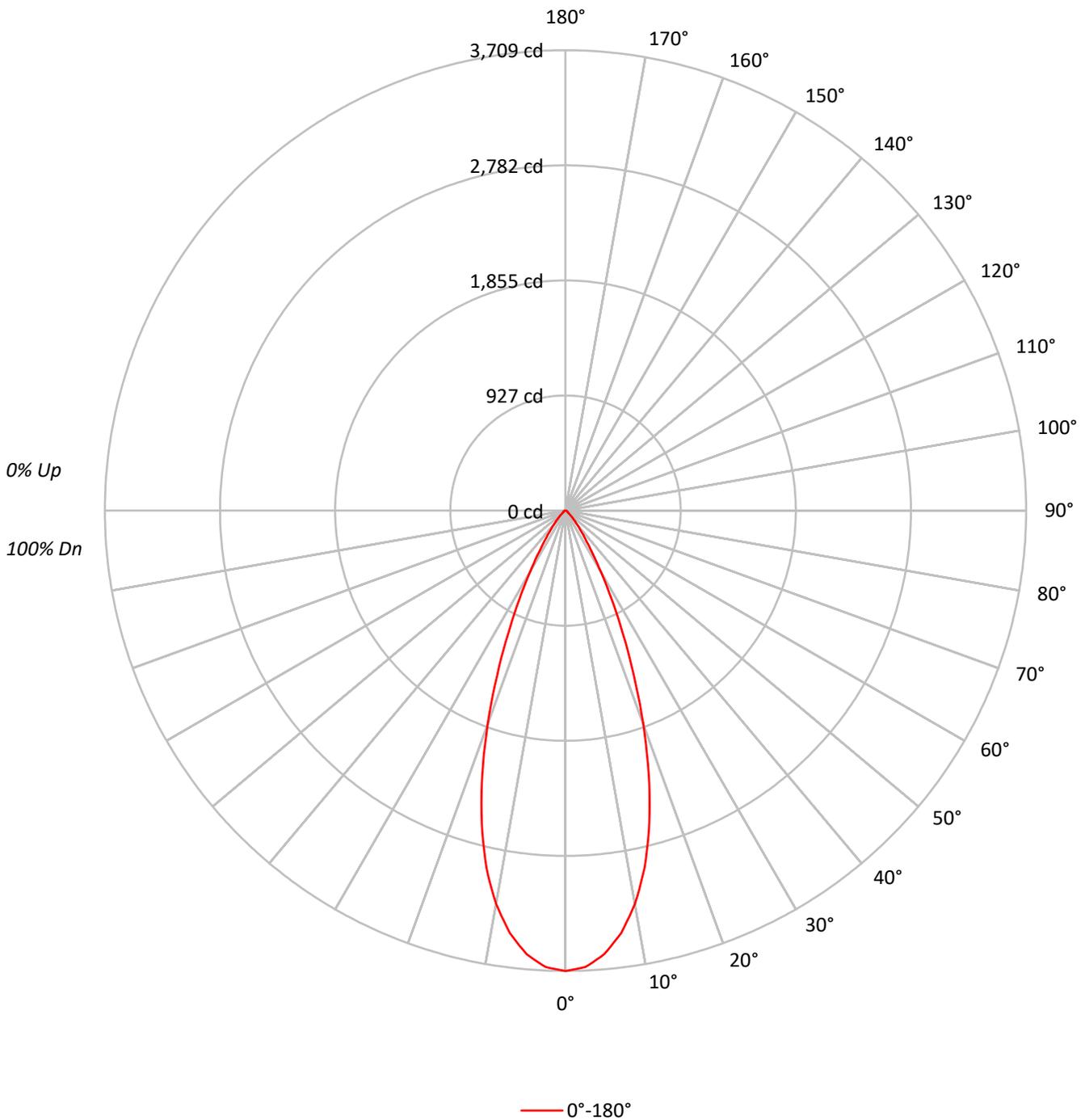
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1838.0 lumens
Efficiency: N/A
Efficacy: 63.8 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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°	330.7	18.0
10°-20°	710.1	38.6
20°-30°	506.7	27.6
30°-40°	186.6	10.1
40°-50°	58.8	3.2
50°-60°	20.4	1.1
60°-70°	14.1	0.8
70°-80°	8.3	0.5
80°-90°	2.4	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°	1547.5	84.2
0°-40°	1734.1	94.3
0°-60°	1813.3	98.7
0°-90°	1838.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1838.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3709	
5°	3588	331
15°	2608	710
25°	1092	507
35°	276	187
45°	73	59
55°	22	20
65°	14	14
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	3709.0
2.5°	3680.6
5°	3587.5
7.5°	3432.9
10°	3218.3
12.5°	2945.4
15°	2607.8
17.5°	2229.2
20°	1830.0
22.5°	1437.2
25°	1091.7
27.5°	801.4
30°	564.8
32.5°	396.0
35°	276.1
37.5°	195.6
40°	140.4
42.5°	101.0
45°	72.6
47.5°	48.9
50°	33.1
52.5°	23.7
55°	22.1
57.5°	20.5
60°	17.4
62.5°	15.8
65°	14.2
67.5°	12.6
70°	11.0
72.5°	9.5
75°	7.9
77.5°	6.3
80°	4.7
82.5°	3.2
85°	1.6
87.5°	1.6
90°	0.0

(END OF REPORT)