

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: P1253081

Luminaire Tested: P3AS24R409030D010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253081
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R409030D010 E3D1H
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

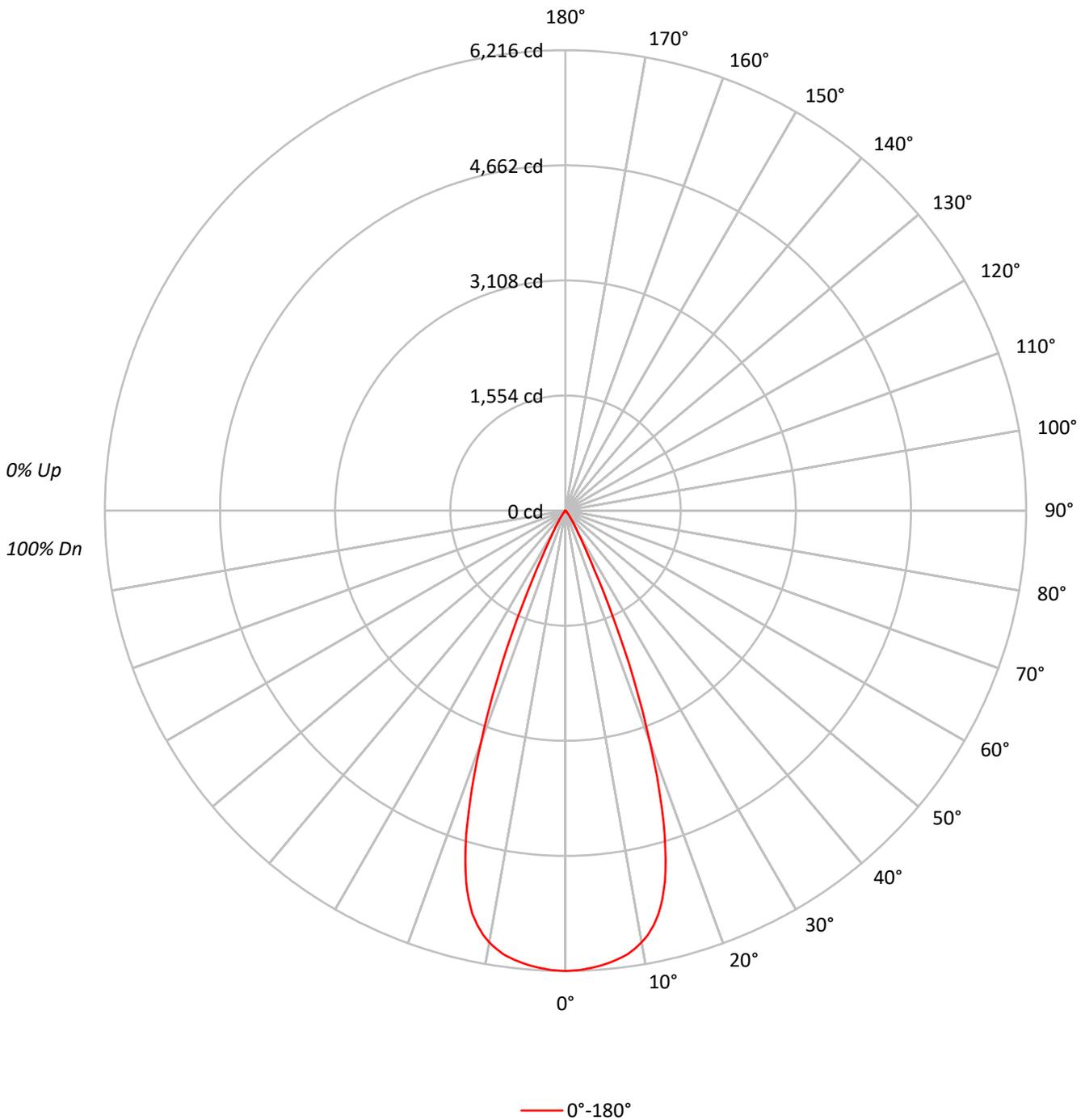
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2674.0 lumens
Efficiency: N/A
Efficacy: 92.8 lumens/watt
Spacing Criteria (0/90/45): 0.7 / 0.7 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	115	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98	96			
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94	92			
3	107	102	98	95	105	100	97	94	98	95	93	96	93	91	93	91	90	88			
4	103	97	93	90	101	96	92	89	94	91	88	92	89	87	90	88	86	85			
5	99	93	89	85	98	92	88	85	91	87	84	89	86	84	88	85	83	82			
6	96	89	85	81	95	89	84	81	87	83	81	86	83	80	85	82	80	79			
7	93	86	81	78	92	85	81	78	84	80	77	83	80	77	82	79	77	76			
8	90	83	78	75	89	82	78	75	81	77	75	80	77	74	79	76	74	73			
9	87	80	75	72	86	79	75	72	78	75	72	78	74	72	77	74	71	70			
10	84	77	72	70	83	77	72	69	76	72	69	75	72	69	74	71	69	68			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1363005
5°	1353155
10°	1317744
15°	1177101
20°	780498
25°	292396
30°	78215
35°	30570
40°	10992
45°	5210
50°	1603
55°	726
60°	395
65°	467
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5210 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	580.1	21.7
10°-20°	1373.9	51.4
20°-30°	623.0	23.3
30°-40°	80.8	3.0
40°-50°	14.0	0.5
50°-60°	1.7	0.1
60°-70°	0.6	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°	2577.0	96.4
0°-40°	2657.8	99.4
0°-60°	2673.4	100.0
0°-90°	2674.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2674.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6216	
5°	6147	580
15°	5185	1374
25°	1208	623
35°	114	81
45°	17	14
55°	2	2
65°	1	1
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	6215.8
1°	6212.0
2°	6202.7
3°	6188.6
4°	6170.8
5°	6147.4
6°	6120.3
7°	6086.6
8°	6045.4
9°	5989.2
10°	5918.1
11°	5834.8
12°	5723.4
13°	5585.8
14°	5406.0
15°	5185.1
16°	4903.3
17°	4582.3
18°	4196.6
19°	3789.4
20°	3344.7
21°	2900.1
22°	2462.0
23°	2025.7
24°	1597.0
25°	1208.5
26°	894.9
27°	655.3
28°	492.4
29°	382.9
30°	308.9
31°	255.6
32°	213.4
32.5°	194.7
33°	176.0
34°	143.2
35°	114.2
36°	89.9
37°	71.1
37.5°	63.7
38°	56.2
39°	46.8
40°	38.4
42.5°	25.3
45°	16.8



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	10.3
50°	4.7
52.5°	1.9
55°	1.9
57.5°	0.9
60°	0.9
62.5°	0.9
65°	0.9
67.5°	0.0
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)