

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: P1257432

Luminaire Tested: P3AS13R409040DE010 E3D1WH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257432
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: P3AS13R409040DE010 E3D1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 90CRI , E3D1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

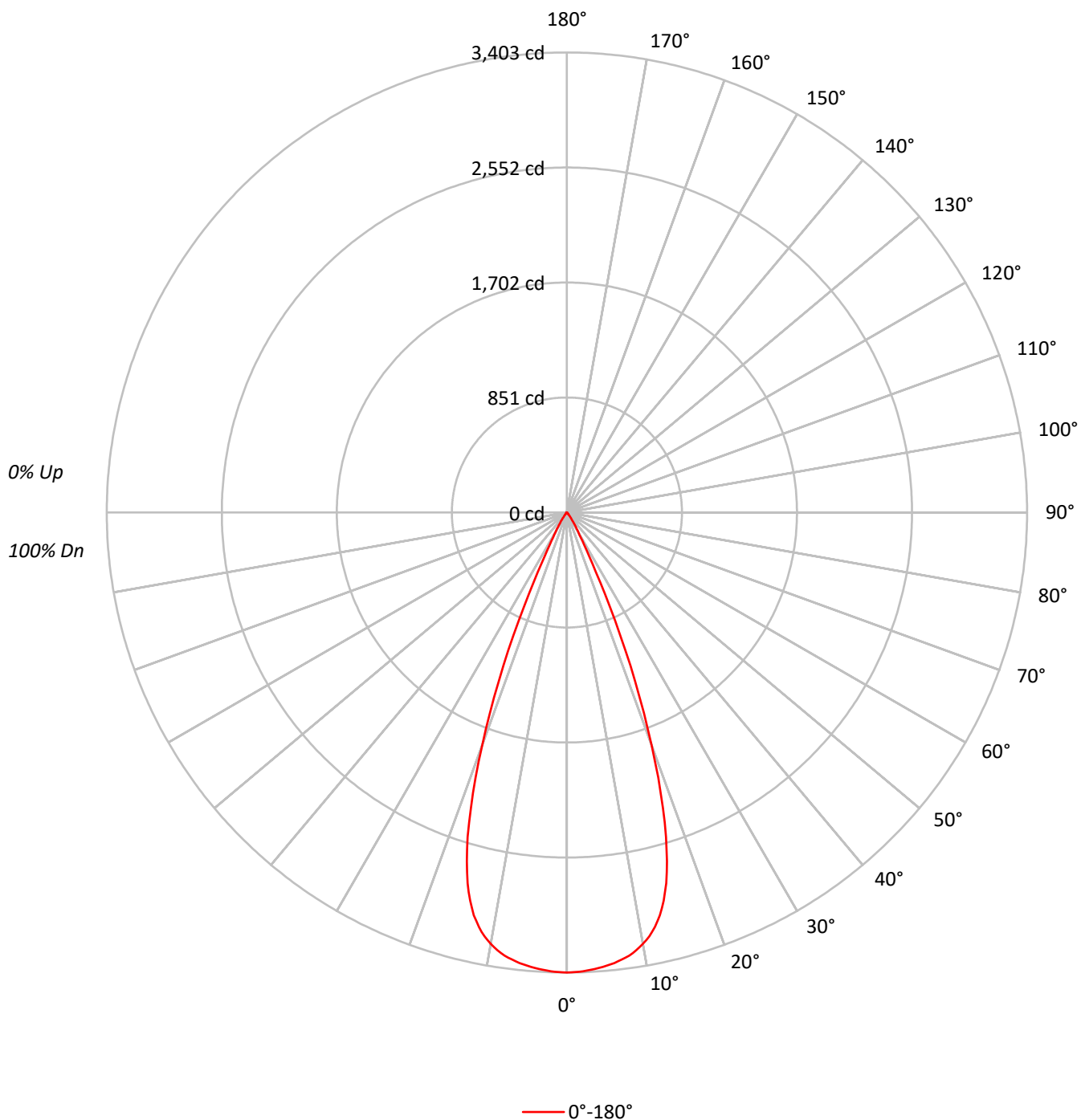
Lumens per Lamp: N/A
Luminaire Lumens: 1464.0 lumens
Efficiency: N/A
Efficacy: 100.3 lumens/watt
Spacing Criteria (0/90/45): 0.7 / 0.7 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
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	75	71	69	68		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	746234
5°	740852
10°	721452
15°	644453
20°	427317
25°	160098
30°	42817
35°	16731
40°	6011
45°	2853
50°	887
55°	382
60°	219
65°	259
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2853 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	317.6	21.7
10°-20°	752.2	51.4
20°-30°	341.1	23.3
30°-40°	44.2	3.0
40°-50°	7.6	0.5
50°-60°	0.9	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°	1410.9	96.4
0°-40°	1455.1	99.4
0°-60°	1463.7	100.0
0°-90°	1464.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1464.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3403	
5°	3366	318
15°	2839	752
25°	662	341
35°	62	44
45°	9	8
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3403.1
1°	3401.1
2°	3395.9
3°	3388.2
4°	3378.5
5°	3365.7
6°	3350.8
7°	3332.4
8°	3309.8
9°	3279.1
10°	3240.1
11°	3194.5
12°	3133.5
13°	3058.2
14°	2959.8
15°	2838.8
16°	2684.6
17°	2508.8
18°	2297.6
19°	2074.7
20°	1831.2
21°	1587.8
22°	1347.9
23°	1109.1
24°	874.4
25°	661.7
26°	490.0
27°	358.8
28°	269.6
29°	209.6
30°	169.1
31°	139.9
32°	116.9
32.5°	106.6
33°	96.4
34°	78.4
35°	62.5
36°	49.2
37°	39.0
37.5°	34.9
38°	30.8
39°	25.6
40°	21.0
42.5°	13.8
45°	9.2



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	5.6
50°	2.6
52.5°	1.0
55°	1.0
57.5°	0.5
60°	0.5
62.5°	0.5
65°	0.5
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)