

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: P1276147

Luminaire Tested: P3AS13R409835DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276147
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: P3AS13R409835DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 98CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

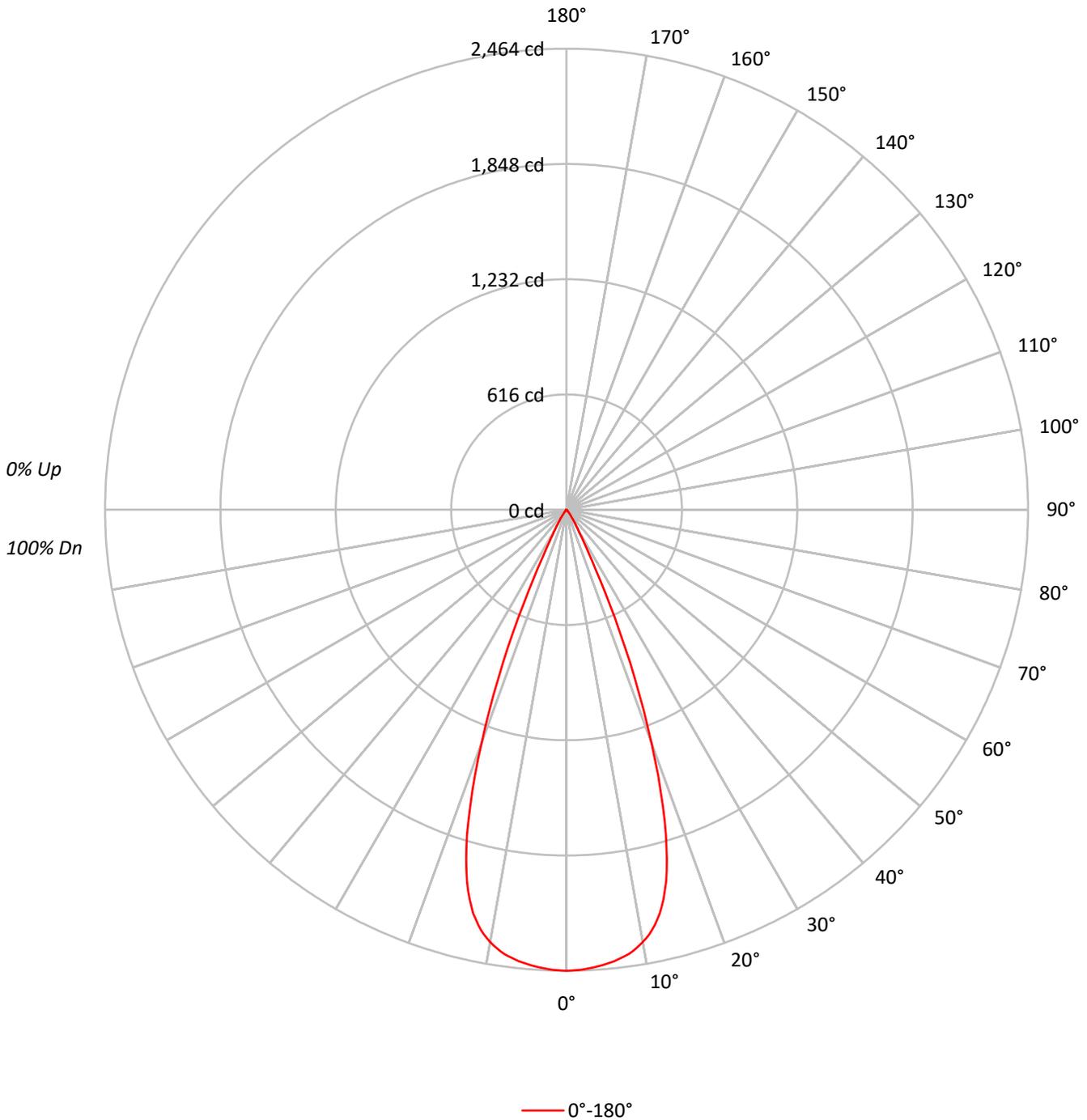
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1060.0 lumens
Efficiency: N/A
Efficacy: 73.1 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): 14.5
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

TEST NUMBER: P1276147
CATALOG NUMBER: P3AS13R409835DE010 E3D1WMH

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	540308
5°	536406
10°	522368
15°	466609
20°	309404
25°	115918
30°	31017
35°	12126
40°	4351
45°	2078
50°	648
55°	268
60°	175
65°	208
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2078 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	230.0	21.7
10°-20°	544.6	51.4
20°-30°	247.0	23.3
30°-40°	32.0	3.0
40°-50°	5.5	0.5
50°-60°	0.7	0.1
60°-70°	0.2	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°	1021.6	96.4
0°-40°	1053.6	99.4
0°-60°	1059.8	100.0
0°-90°	1060.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1060.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2464	
5°	2437	230
15°	2055	545
25°	479	247
35°	45	32
45°	7	6
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1276147

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2464.0
1°	2462.5
2°	2458.8
3°	2453.2
4°	2446.2
5°	2436.9
6°	2426.1
7°	2412.8
8°	2396.5
9°	2374.2
10°	2346.0
11°	2313.0
12°	2268.8
13°	2214.3
14°	2143.0
15°	2055.4
16°	1943.7
17°	1816.5
18°	1663.6
19°	1502.1
20°	1325.9
21°	1149.6
22°	975.9
23°	803.0
24°	633.1
25°	479.1
26°	354.8
27°	259.8
28°	195.2
29°	151.8
30°	122.5
31°	101.3
32°	84.6
32.5°	77.2
33°	69.8
34°	56.8
35°	45.3
36°	35.6
37°	28.2
37.5°	25.2
38°	22.3
39°	18.6
40°	15.2
42.5°	10.0
45°	6.7



TEST NUMBER: P1276147
CATALOG NUMBER: P3AS13R409835DE010 E3D1WMH

CANDELA DISTRIBUTION (continued):

	0°
47.5°	4.1
50°	1.9
52.5°	0.7
55°	0.7
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4
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)