

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: P1276144

Luminaire Tested: P3AS13R409835DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276144
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 E3D1LI
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 98CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

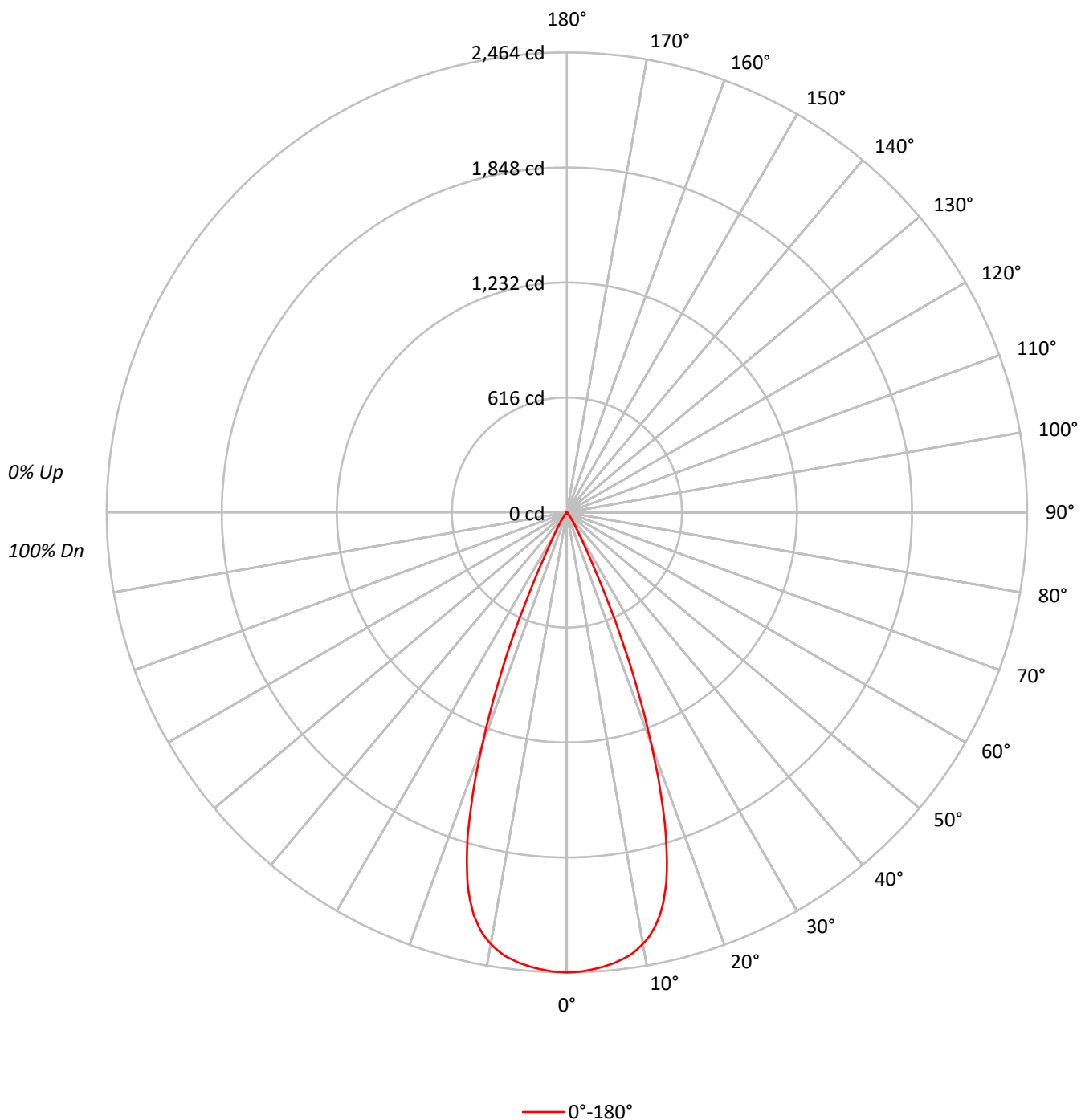
Lumens per Lamp: N/A
Luminaire Lumens: 1060.0 lumens
Efficiency: N/A
Efficacy: 73.1 lumens/watt
Spacing Criteria (0/90/45): 0.7 / 0.7 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
Input Voltage (V): NR
Input Current (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
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	115	112	110	109		112	110	109	107		106	105	104		103	102	101		99	98	98
2	111	107	104	101		109	105	102	100		102	100	98		99	97	96		96	95	94
3	107	102	98	95		105	100	97	94		98	95	93		96	93	91		93	91	90
4	103	97	93	90		101	96	92	89		94	91	88		92	89	87		90	88	86
5	99	93	89	85		98	92	88	85		91	87	84		89	86	84		88	85	83
6	96	89	85	81		95	89	84	81		87	83	81		86	83	80		85	82	80
7	93	86	81	78		92	85	81	78		84	80	77		83	80	77		82	79	77
8	90	83	78	75		89	82	78	75		81	77	75		80	77	74		79	76	74
9	87	80	75	72		86	79	75	72		78	75	72		78	74	72		77	74	71
10	84	77	72	70		83	77	72	69		76	72	69		75	72	69		74	71	69

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	

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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

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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)