

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: P1275109

Luminaire Tested: P3AS02R409835DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275109
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: P3AS02R409835DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 98CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

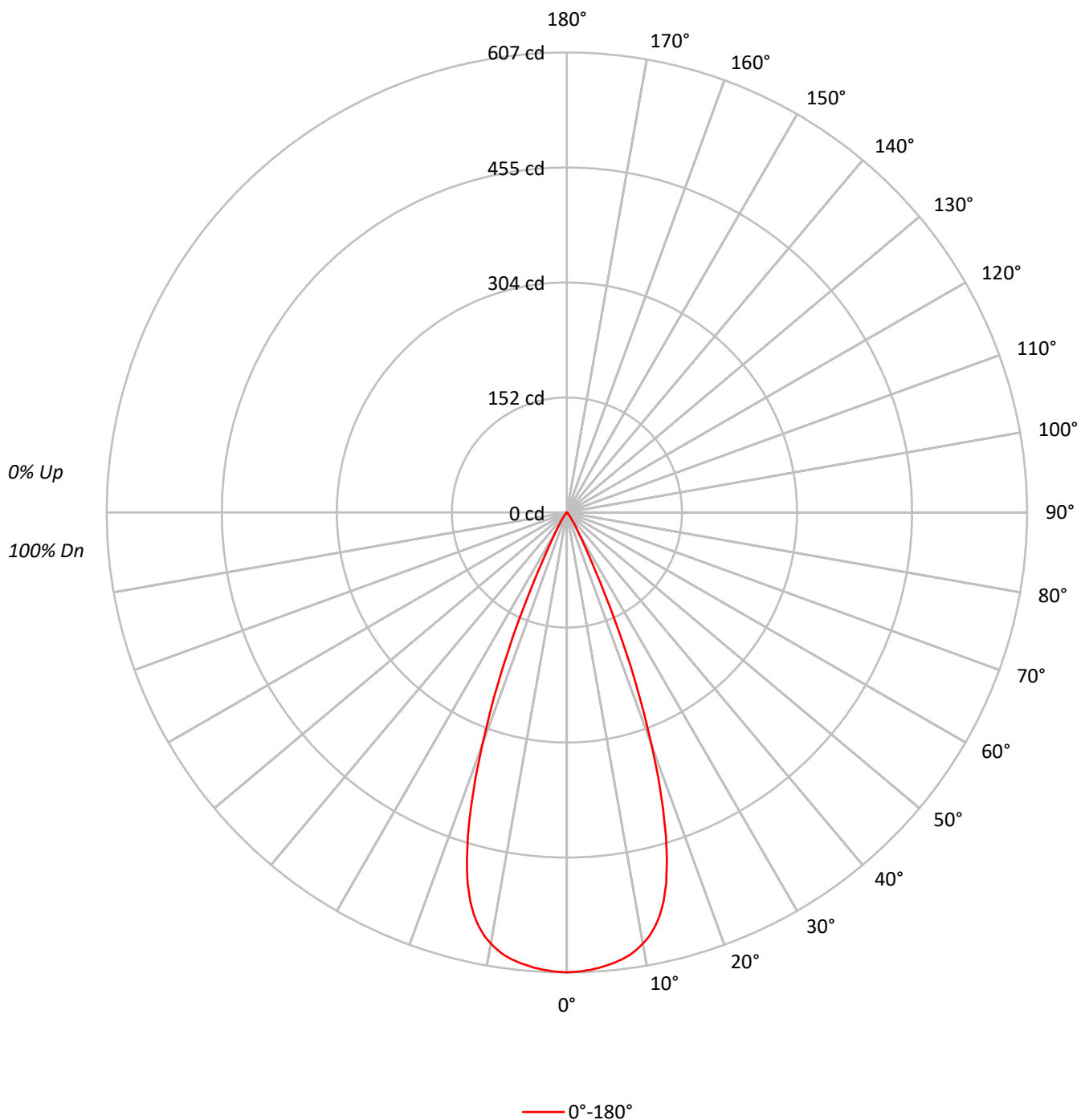
Lumens per Lamp: N/A
Luminaire Lumens: 261.0 lumens
Efficiency: N/A
Efficacy: 72.5 lumens/watt
Spacing Criteria (0/90/45): 0.7 / 0.7 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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			0
RW	70	50	30	10	70	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°	133038
5°	132071
10°	128610
15°	114893
20°	76190
25°	28550
30°	7647
35°	2971
40°	1059
45°	496
50°	171
55°	76
60°	44
65°	52
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 496 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.6	21.7
10°-20°	134.1	51.4
20°-30°	60.8	23.3
30°-40°	7.9	3.0
40°-50°	1.4	0.5
50°-60°	0.2	0.1
60°-70°	0.1	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°	251.6	96.4
0°-40°	259.4	99.4
0°-60°	261.0	100.0
0°-90°	261.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	261.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	607	
5°	600	57
15°	506	134
25°	118	61
35°	11	8
45°	2	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	606.7
1°	606.3
2°	605.4
3°	604.1
4°	602.3
5°	600.0
6°	597.4
7°	594.1
8°	590.1
9°	584.6
10°	577.6
11°	569.5
12°	558.6
13°	545.2
14°	527.7
15°	506.1
16°	478.6
17°	447.3
18°	409.6
19°	369.9
20°	326.5
21°	283.1
22°	240.3
23°	197.7
24°	155.9
25°	118.0
26°	87.4
27°	64.0
28°	48.1
29°	37.4
30°	30.2
31°	24.9
32°	20.8
32.5°	19.0
33°	17.2
34°	14.0
35°	11.1
36°	8.8
37°	6.9
37.5°	6.2
38°	5.5
39°	4.6
40°	3.7
42.5°	2.5
45°	1.6



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	1.0
50°	0.5
52.5°	0.2
55°	0.2
57.5°	0.1
60°	0.1
62.5°	0.1
65°	0.1
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)