

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: P1266295

Luminaire Tested: P3A02R409735DE010 E3D1LI

Issue Date: 1/29/2026

**Test Information**

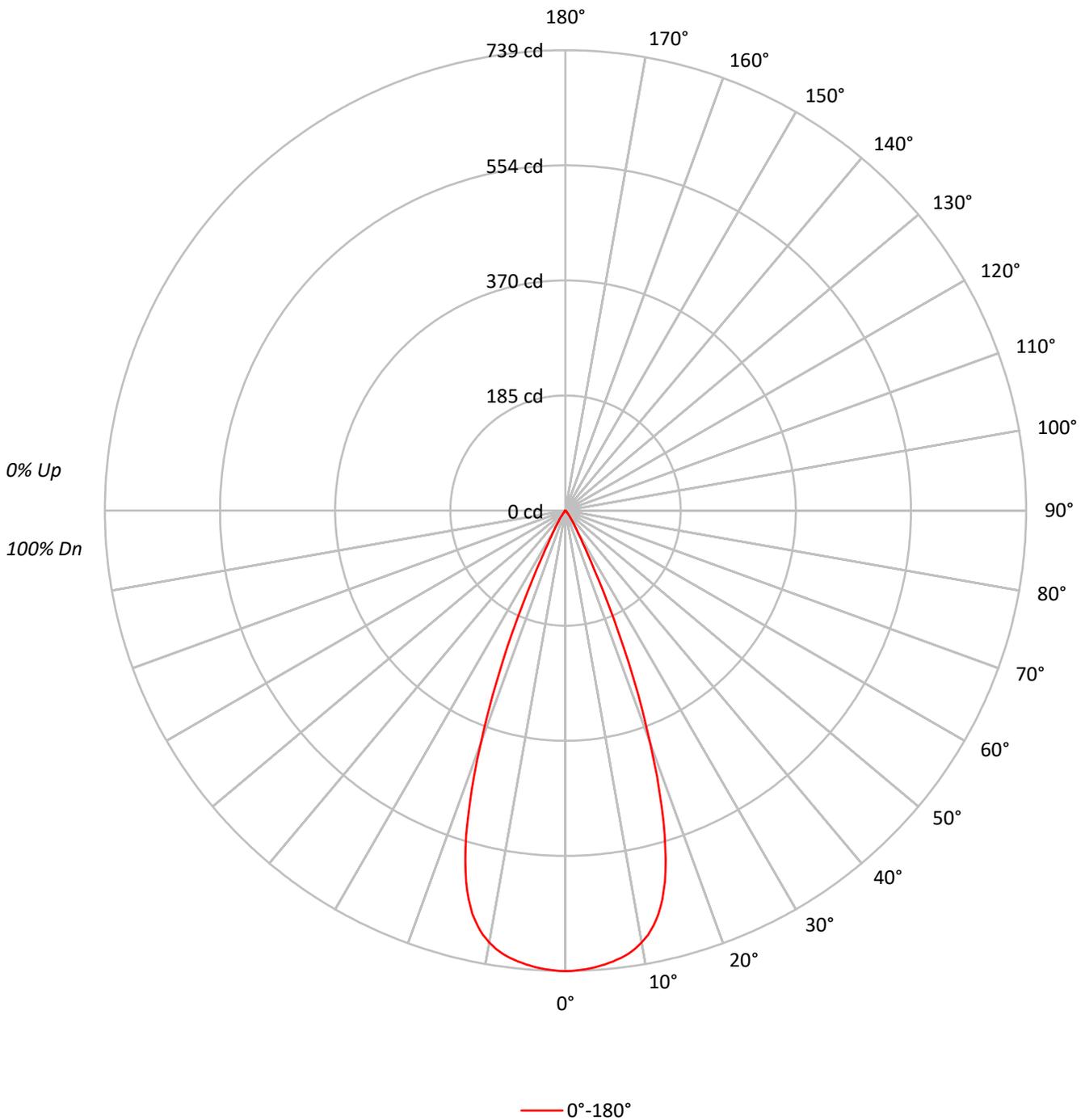
Test Method: LM-79-2019  
Report Number: P1266295  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A02R409735DE010 E3D1LI  
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 97CRI , E3D1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 318.0 lumens  
Efficiency: N/A  
Efficacy: 88.3 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): 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				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
1	115	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98	96				96
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94	92				92
3	107	102	98	95	105	100	97	94	98	95	93	96	93	91	93	91	90	88				88
4	103	97	93	90	101	96	92	89	94	91	88	92	89	87	90	88	86	85				85
5	99	93	89	85	98	92	88	85	91	87	84	89	86	84	88	85	83	82				82
6	96	89	85	81	95	89	84	81	87	83	81	86	83	80	85	82	80	79				79
7	93	86	81	78	92	85	81	78	84	80	77	83	80	77	82	79	77	76				76
8	90	83	78	75	89	82	78	75	81	77	75	80	77	74	79	76	74	73				73
9	87	80	75	72	86	79	75	72	78	75	72	78	74	72	77	74	71	70				70
10	84	77	72	70	83	77	72	69	76	72	69	75	72	69	75	71	69	68				68

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	162092
5°	160928
10°	156711
15°	139978
20°	92828
25°	34768
30°	9293
35°	3641
40°	1317
45°	620
50°	205
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: 620 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	69.0	21.7
10°-20°	163.4	51.4
20°-30°	74.1	23.3
30°-40°	9.6	3.0
40°-50°	1.7	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°	306.5	96.4
0°-40°	316.1	99.4
0°-60°	317.9	100.0
0°-90°	318.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	318.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	739	
5°	731	69
15°	617	163
25°	144	74
35°	14	10
45°	2	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	739.2
1°	738.8
2°	737.6
3°	736.0
4°	733.9
5°	731.1
6°	727.8
7°	723.8
8°	718.9
9°	712.3
10°	703.8
11°	693.9
12°	680.6
13°	664.3
14°	642.9
15°	616.6
16°	583.1
17°	544.9
18°	499.1
19°	450.6
20°	397.8
21°	344.9
22°	292.8
23°	240.9
24°	189.9
25°	143.7
26°	106.4
27°	77.9
28°	58.6
29°	45.5
30°	36.7
31°	30.4
32°	25.4
32.5°	23.2
33°	20.9
34°	17.0
35°	13.6
36°	10.7
37°	8.5
37.5°	7.6
38°	6.7
39°	5.6
40°	4.6
42.5°	3.0
45°	2.0



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	1.2
50°	0.6
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)