

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: P1267345

Luminaire Tested: P3AS13R159735DE010 E3D1LI

Issue Date: 1/29/2026

**Test Information**

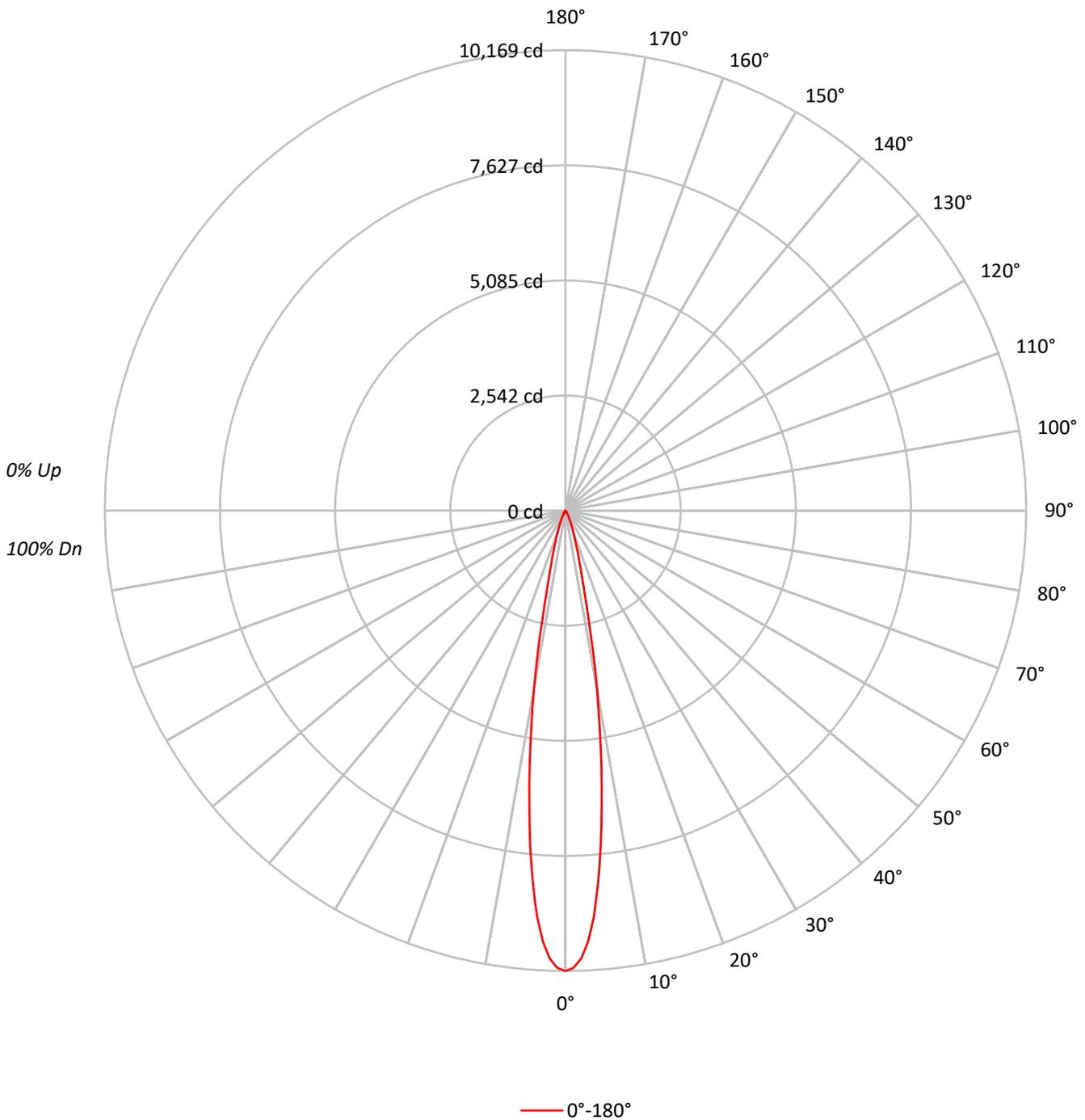
Test Method: LM-79-2019  
Report Number: P1267345  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R159735DE010 E3D1LI  
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , E3D1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1171.0 lumens  
Efficiency: N/A  
Efficacy: 80.2 lumens/watt  
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29  
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		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	116	114	112	111	113	112	110	109	108	107	105	104	103	102	101	100	99		98
2	112	109	107	105	110	108	105	103	105	103	101	102	100	99	99	98	97		96
3	110	106	102	100	108	104	102	99	102	100	98	100	98	96	98	96	95		94
4	107	102	99	96	106	101	98	96	99	97	95	98	96	94	96	94	93		92
5	105	100	96	94	103	99	96	93	97	94	92	96	93	92	94	93	91		90
6	102	97	94	91	101	96	93	91	95	92	90	94	92	90	93	91	89		88
7	100	95	91	89	99	94	91	89	93	90	88	92	90	88	91	89	88		87
8	98	93	89	87	97	92	89	87	91	89	87	91	88	86	90	88	86		85
9	96	91	88	85	96	91	87	85	90	87	85	89	87	85	89	86	85		84
10	95	89	86	84	94	89	86	84	88	85	83	88	85	83	87	85	83		82

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

	0°
0°	2229887
5°	1818331
10°	890498
15°	272555
20°	115417
25°	52213
30°	20358
35°	9396
40°	2920
45°	1116
50°	443
55°	153
60°	175
65°	208
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 1116 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	643.0	54.9
10°-20°	394.6	33.7
20°-30°	106.0	9.1
30°-40°	23.3	2.0
40°-50°	3.3	0.3
50°-60°	0.6	0.0
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°	1143.5	97.7
0°-40°	1166.9	99.7
0°-60°	1170.7	100.0
0°-90°	1171.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1171.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	10169	
5°	8261	643
15°	1201	395
25°	216	106
35°	35	23
45°	4	3
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	10169.1
1°	10105.6
2°	9901.8
3°	9534.6
4°	8981.8
5°	8260.7
6°	7445.0
7°	6536.5
8°	5701.7
9°	4816.8
10°	3999.3
11°	3190.3
12°	2454.6
13°	1888.0
14°	1494.6
15°	1200.6
17.5°	744.2
20°	494.6
22.5°	333.0
25°	215.8
27.5°	127.9
30°	80.4
32.5°	54.2
35°	35.1
37.5°	19.5
40°	10.2
42.5°	5.8
45°	3.6
47.5°	2.2
50°	1.3
52.5°	0.9
55°	0.4
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



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)