

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: P1270876

Luminaire Tested: P3AS02R259827DE010 E3D1H

Issue Date: 1/29/2026

**Test Information**

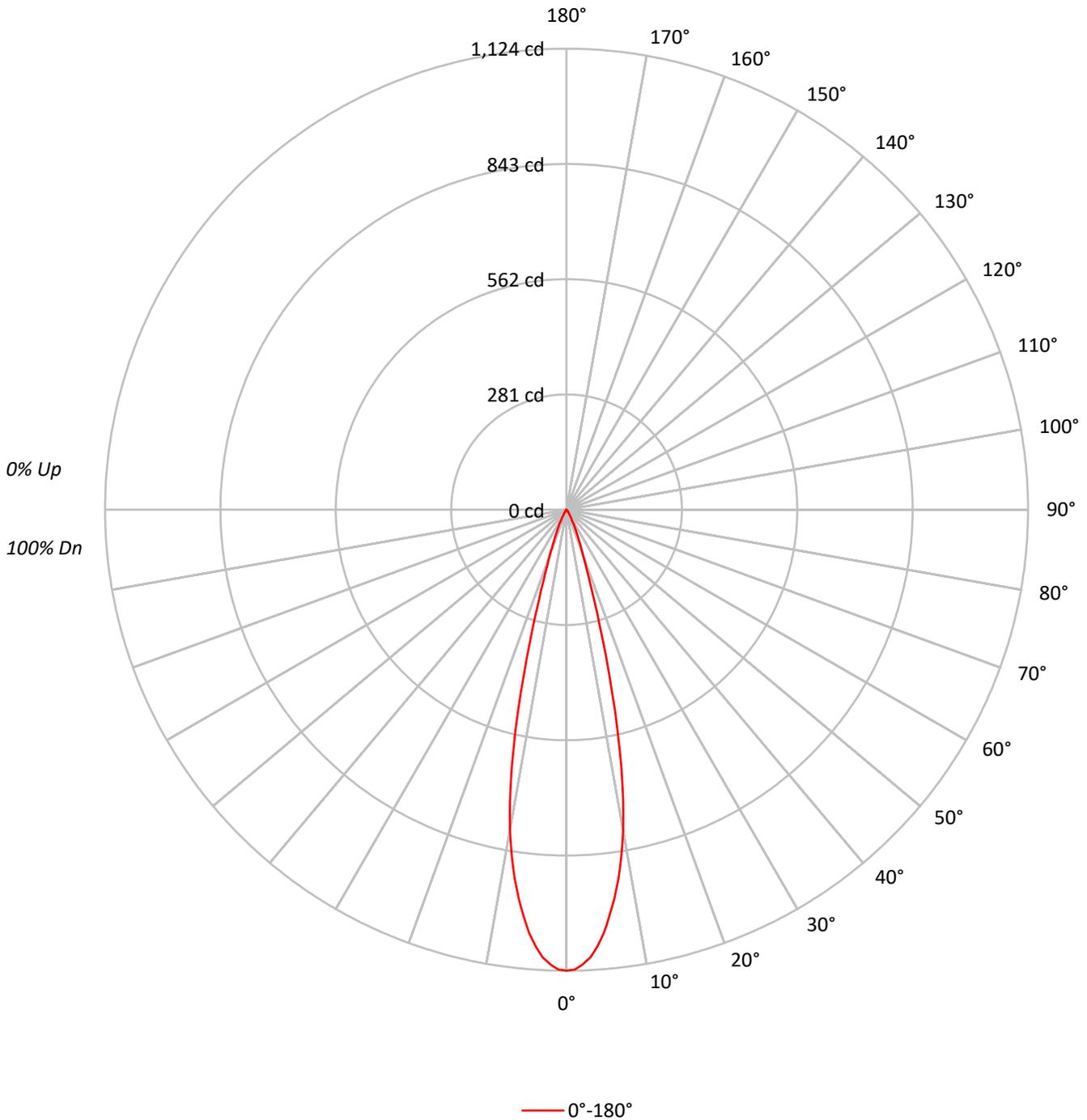
Test Method: LM-79-2019  
Report Number: P1270876  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R259827DE010 E3D1H  
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3D1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 225.0 lumens  
Efficiency: N/A  
Efficacy: 62.5 lumens/watt  
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 3.6  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	115	113	111	110	113	111	110	108	107	106	105	104	103	102	100	99	99	99	99	99	97
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	96	96	96	94
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	96	94	93	92
4	106	101	97	94	104	99	96	94	98	95	92	96	93	91	94	92	90	94	92	90	89
5	103	97	93	91	101	96	93	90	95	92	89	93	91	89	92	90	88	92	90	88	87
6	100	94	90	88	99	94	90	87	92	89	87	91	88	86	90	88	86	90	88	86	85
7	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	86	84	88	86	84	83
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82	86	84	82	81
9	93	87	83	81	92	86	83	80	86	83	80	85	82	80	84	82	80	84	82	80	79
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	83	80	78	83	80	78	77

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

	0°
0°	246428
5°	228263
10°	176617
15°	84359
20°	27816
25°	11735
30°	4532
35°	1954
40°	658
45°	310
50°	102
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: 310 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	91.2	40.5
10°-20°	103.7	46.1
20°-30°	24.1	10.7
30°-40°	5.0	2.2
40°-50°	0.8	0.4
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°	218.9	97.3
0°-40°	224.0	99.5
0°-60°	225.0	100.0
0°-90°	225.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	225.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1124	
5°	1037	91
15°	372	104
25°	48	24
35°	7	5
45°	1	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1123.8
1°	1121.5
2°	1109.8
3°	1093.4
4°	1068.4
5°	1037.0
6°	996.8
7°	954.7
8°	907.5
9°	854.2
10°	793.2
11°	722.5
12°	641.3
13°	552.4
14°	459.4
15°	371.6
16°	293.9
17°	229.0
18°	180.1
19°	144.1
20°	119.2
21°	99.6
22°	83.6
23°	69.8
24°	58.4
25°	48.5
27.5°	28.7
30°	17.9
32.5°	11.5
35°	7.3
37.5°	4.4
40°	2.3
42.5°	1.5
45°	1.0
47.5°	0.6
50°	0.3
52.5°	0.2
55°	0.2
57.5°	0.1
60°	0.1
62.5°	0.1
65°	0.1
67.5°	0.1
70°	0.0
72.5°	0.0



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**CANDELA DISTRIBUTION (continued):**

	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)