

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: P1257717

Luminaire Tested: P3AS17R259040DE010 E3D1WMH

Issue Date: 1/29/2026

**Test Information**

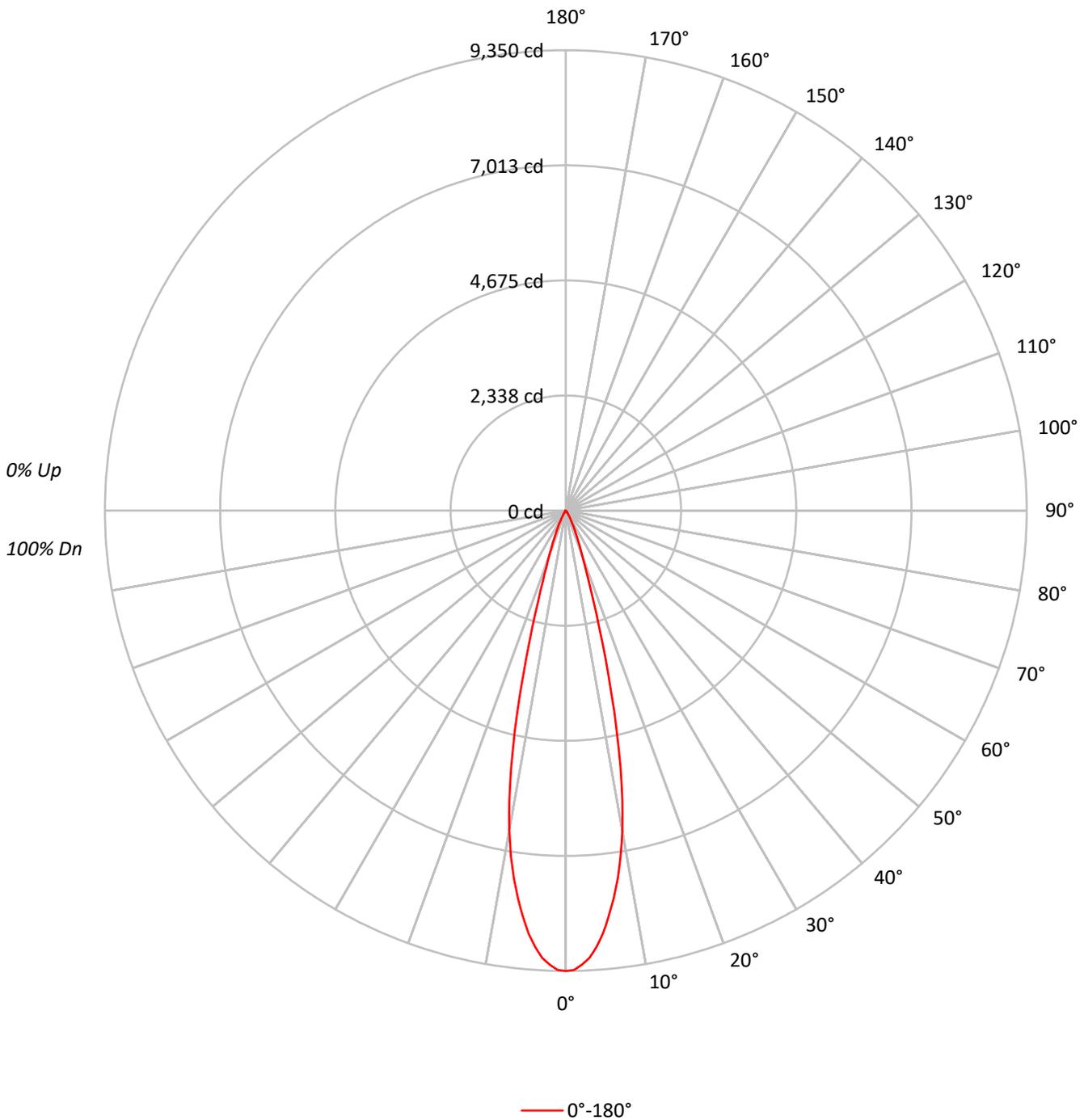
Test Method: LM-79-2019  
Report Number: P1257717  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R259040DE010 E3D1WMH  
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3D1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1872.1 lumens  
Efficiency: N/A  
Efficacy: 88.3 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): 21.2  
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	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	100	100
1	115	113	111	110	113	111	110	108	107	106	105	104	103	102	100	99	99	97	97	97	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	100	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	90	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°	2050187
5°	1899203
10°	1469445
15°	701866
20°	231393
25°	97554
30°	37803
35°	16356
40°	5439
45°	2512
50°	921
55°	535
60°	307
65°	363
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2512 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	758.4	40.5
10°-20°	862.6	46.1
20°-30°	200.4	10.7
30°-40°	42.1	2.2
40°-50°	6.8	0.4
50°-60°	1.2	0.1
60°-70°	0.6	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°	1821.4	97.3
0°-40°	1863.5	99.5
0°-60°	1871.4	100.0
0°-90°	1872.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1872.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	9350	
5°	8628	758
15°	3092	863
25°	403	200
35°	61	42
45°	8	7
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	9349.6
1°	9330.6
2°	9233.5
3°	9097.1
4°	8888.7
5°	8628.1
6°	8293.5
7°	7943.3
8°	7550.3
9°	7107.1
10°	6599.4
11°	6010.9
12°	5335.6
13°	4595.7
14°	3822.0
15°	3091.7
16°	2445.5
17°	1905.2
18°	1498.7
19°	1198.7
20°	991.6
21°	828.7
22°	695.7
23°	581.0
24°	486.0
25°	403.2
27.5°	238.9
30°	149.3
32.5°	95.7
35°	61.1
37.5°	36.7
40°	19.0
42.5°	12.2
45°	8.1
47.5°	4.8
50°	2.7
52.5°	1.4
55°	1.4
57.5°	0.7
60°	0.7
62.5°	0.7
65°	0.7
67.5°	0.7
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)