

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: P1295340

Luminaire Tested: P3AS13R15W2N902750DE010 E3D1H\_4000K

Issue Date: 1/29/2026

**Test Information**

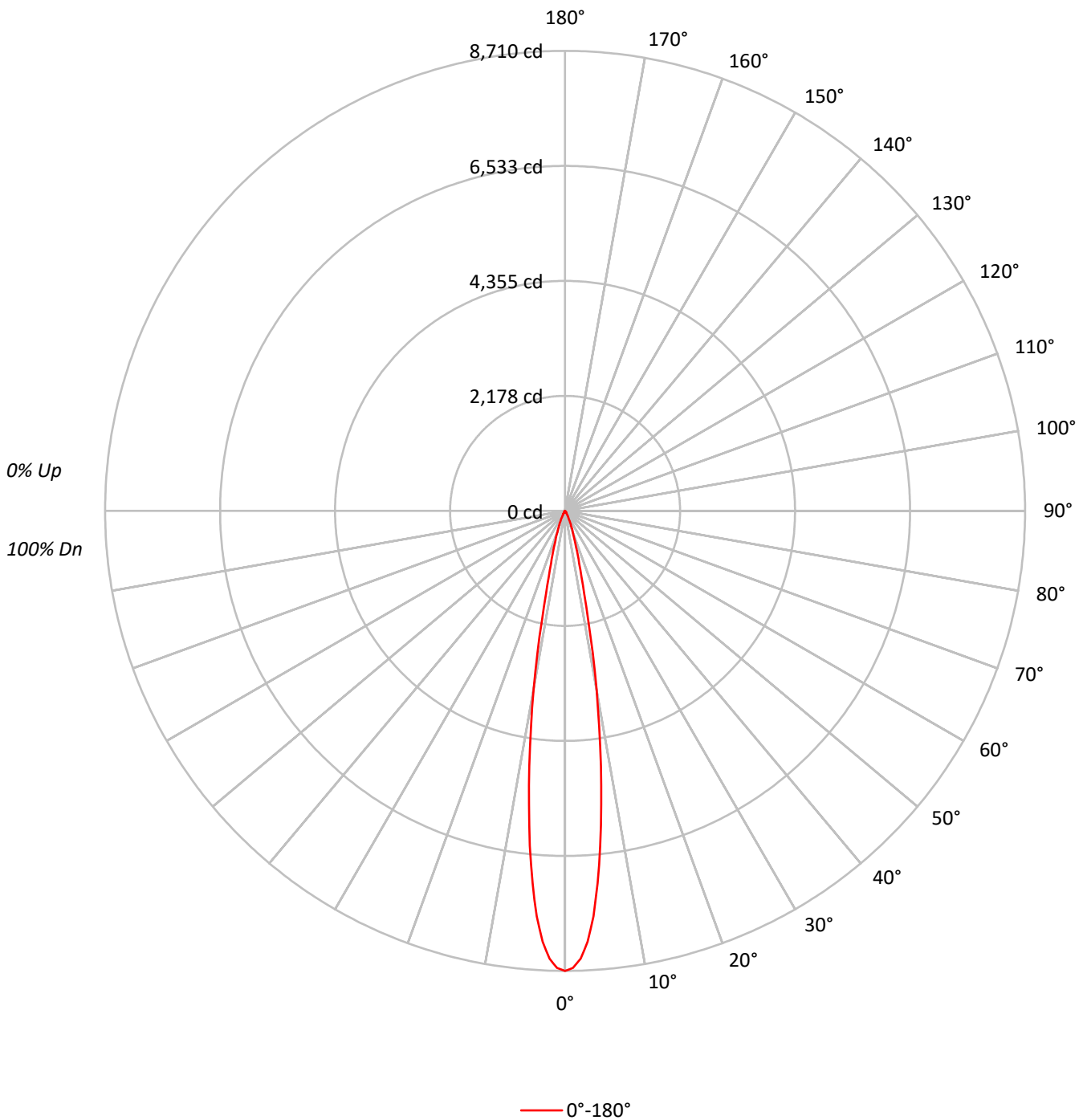
Test Method: LM-79-2019  
Report Number: P1295340  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R15W2N902750DE010 E3D1H\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3D1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1003.0 lumens  
Efficiency: N/A  
Efficacy: 81.5 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): 12.3  
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	116	114	112	111	113	112	110	109	108	107	105	104	103	102	101	100	99	99	98	98	98
2	112	109	107	105	110	108	105	103	105	103	101	102	100	99	99	98	97	97	96	96	96
3	110	106	102	100	108	104	102	99	102	100	98	100	98	96	98	96	95	98	96	95	94
4	107	102	99	96	106	101	98	96	99	97	95	98	96	94	96	94	93	96	94	93	92
5	105	100	96	94	103	99	96	93	97	94	92	96	93	92	94	93	91	94	93	91	90
6	102	97	94	91	101	96	93	91	95	92	90	94	92	90	93	91	89	93	91	89	88
7	100	95	91	89	99	94	91	89	93	90	88	92	90	88	91	89	88	91	89	88	87
8	98	93	89	87	97	92	89	87	91	89	87	91	88	86	90	88	86	90	88	86	85
9	96	91	88	85	96	91	87	85	90	87	85	89	87	85	89	86	85	89	86	85	84
10	95	89	86	84	94	89	86	84	88	85	83	88	85	83	87	85	83	87	85	83	82

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

	0°
0°	1909979
5°	1557447
10°	762756
15°	233463
20°	98872
25°	44712
30°	17420
35°	8031
40°	2490
45°	930
50°	375
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: 930 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	550.7	54.9
10°-20°	337.9	33.7
20°-30°	90.8	9.0
30°-40°	20.0	2.0
40°-50°	2.8	0.3
50°-60°	0.5	0.1
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°	979.5	97.7
0°-40°	999.4	99.6
0°-60°	1002.7	100.0
0°-90°	1003.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1003.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	8710	
5°	7076	551
15°	1028	338
25°	185	91
35°	30	20
45°	3	3
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	8710.2
1°	8655.8
2°	8481.2
3°	8166.7
4°	7693.2
5°	7075.5
6°	6376.9
7°	5598.7
8°	4883.7
9°	4125.7
10°	3425.6
11°	2732.6
12°	2102.4
13°	1617.1
14°	1280.2
15°	1028.4
17.5°	637.4
20°	423.7
22.5°	285.2
25°	184.8
27.5°	109.5
30°	68.8
32.5°	46.4
35°	30.0
37.5°	16.7
40°	8.7
42.5°	4.9
45°	3.0
47.5°	1.9
50°	1.1
52.5°	0.8
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)