

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: P1299123

Luminaire Tested: P3AS17R15W2N902750DE010 E3CD1MMS\_3000K

Issue Date: 1/30/2026

**Test Information**

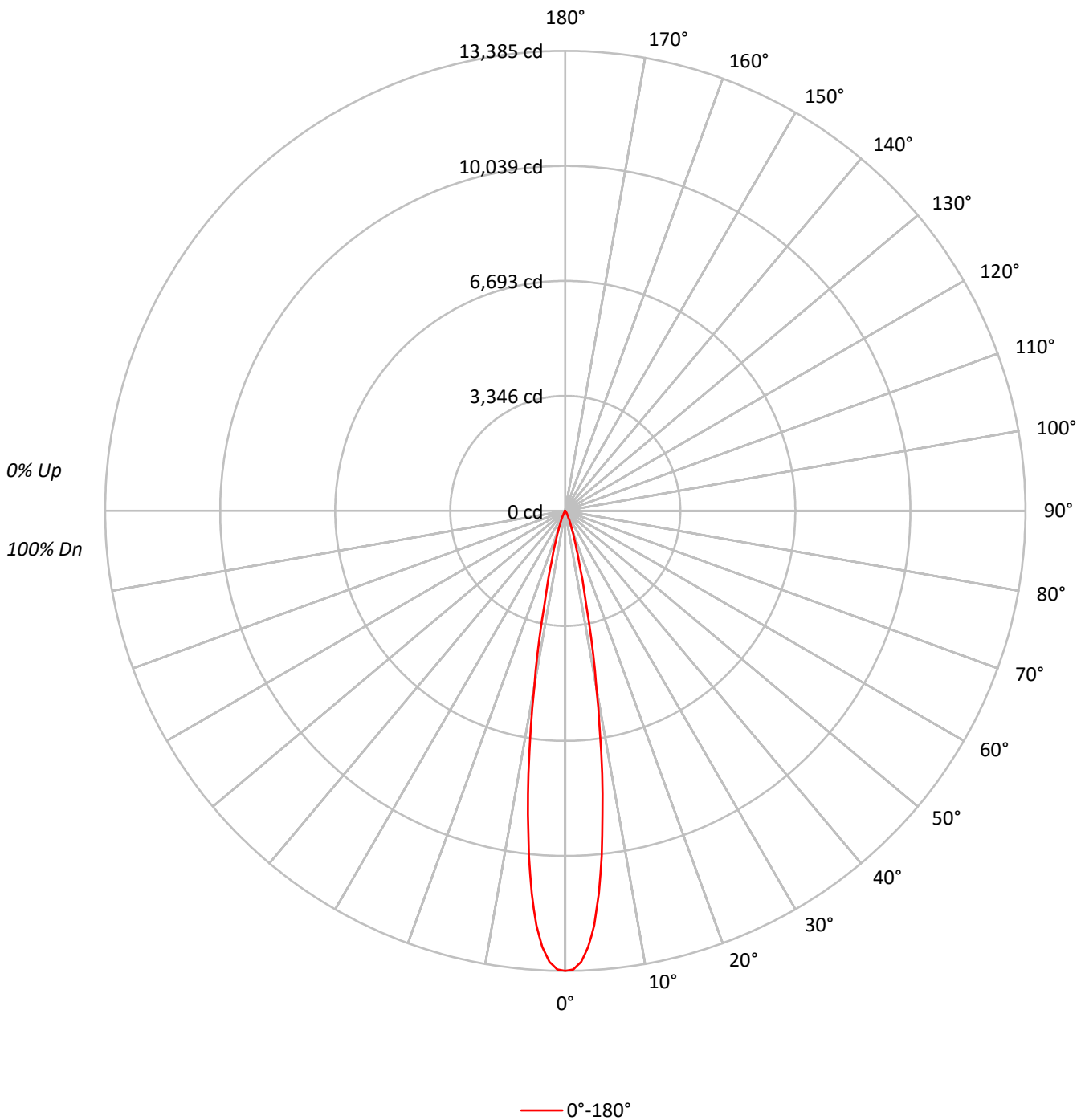
Test Method: LM-79-2019  
Report Number: P1299123  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R15W2N902750DE010 E3CD1MMS\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,  
E3CD1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1510.0 lumens  
Efficiency: N/A  
Efficacy: 77.8 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): 19.4  
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	106	104	103	103	101	100	100		98
2	113	110	107	105	111	108	106	104	105	103	101	102	101	99	99	98	97		96
3	110	106	103	100	108	105	102	100	102	100	98	100	98	97	98	97	95		94
4	107	103	100	97	106	102	99	97	100	97	95	98	96	94	97	95	93		92
5	105	100	97	94	104	99	96	94	98	95	93	96	94	92	95	93	92		91
6	103	98	94	92	102	97	94	92	96	93	91	95	92	91	94	92	90		89
7	101	96	92	90	100	95	92	90	94	91	89	93	91	89	92	90	89		88
8	99	94	90	88	98	93	90	88	92	90	88	92	89	87	91	89	87		86
9	97	92	89	87	97	92	89	86	91	88	86	90	88	86	90	87	86		85
10	96	90	87	85	95	90	87	85	89	87	85	89	86	85	88	86	85		84

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

	0°
0°	2935072
5°	2459888
10°	1158696
15°	349332
20°	129255
25°	50253
30°	18737
35°	5755
40°	2061
45°	1116
50°	819
55°	918
60°	1053
65°	623
70°	769
75°	1017
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°	864.0	57.2
10°-20°	513.5	34.0
20°-30°	107.9	7.1
30°-40°	17.4	1.2
40°-50°	3.0	0.2
50°-60°	2.2	0.1
60°-70°	1.3	0.1
70°-80°	0.8	0.1
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°	1485.4	98.4
0°-40°	1502.8	99.5
0°-60°	1507.9	99.9
0°-90°	1510.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1510.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	13385	
5°	11175	864
15°	1539	514
25°	208	108
35°	22	17
45°	4	3
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	13385.0
1°	13343.2
2°	13130.7
3°	12705.8
4°	12082.6
5°	11175.3
6°	10109.2
7°	8890.3
8°	7726.4
9°	6408.4
10°	5203.8
12.5°	2807.8
15°	1538.8
17.5°	901.3
20°	553.9
22.5°	339.0
25°	207.7
27.5°	125.4
30°	74.0
32.5°	41.8
35°	21.5
37.5°	11.9
40°	7.2
42.5°	4.8
45°	3.6
47.5°	2.4
50°	2.4
52.5°	2.4
55°	2.4
57.5°	2.4
60°	2.4
62.5°	1.2
65°	1.2
67.5°	1.2
70°	1.2
72.5°	1.2
75°	1.2
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)