

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: P1299154

Luminaire Tested: P3AS17R15W2N902750DE010 E3D1WMH\_3500K

Issue Date: 1/29/2026

**Test Information**

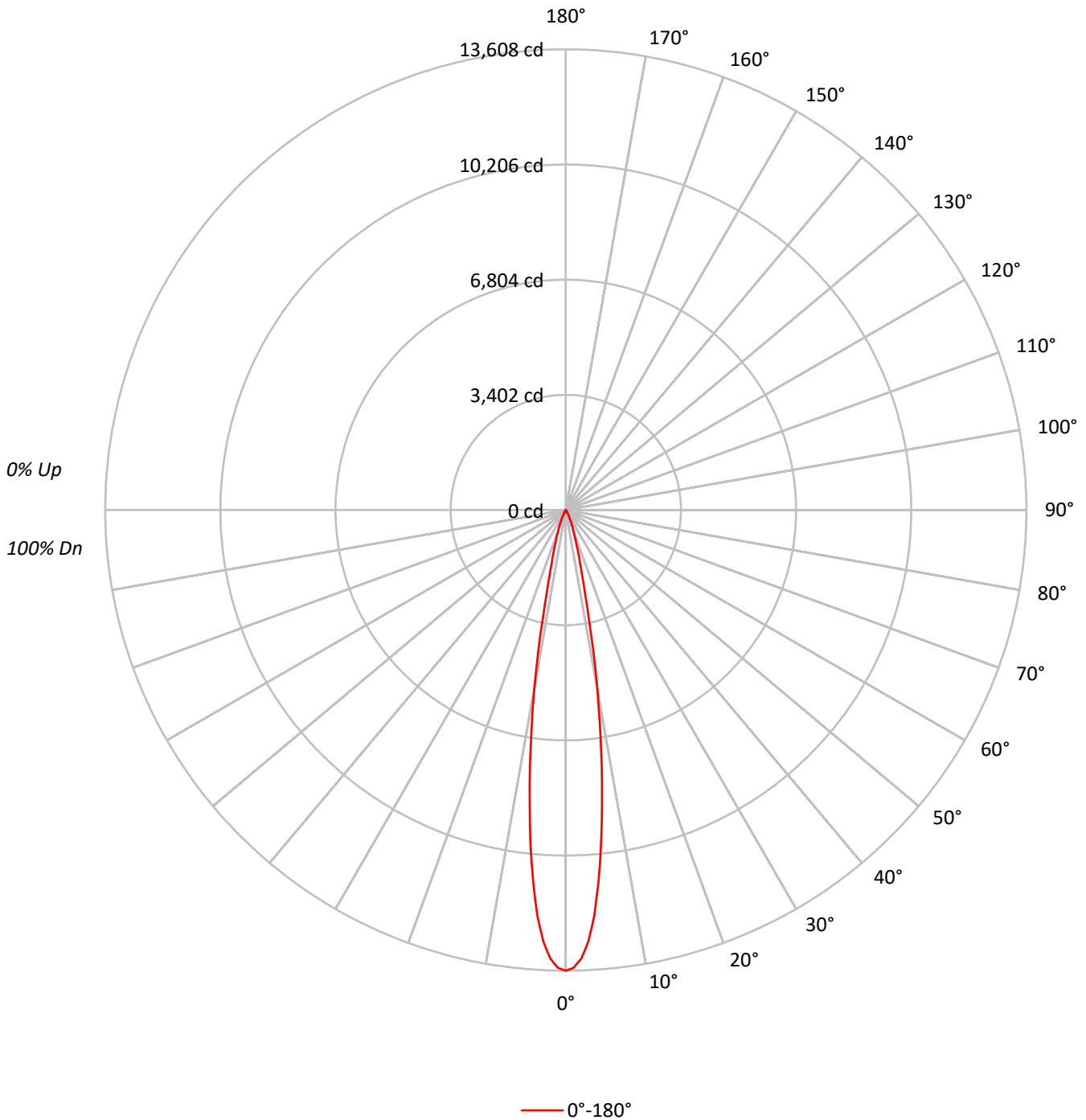
Test Method: LM-79-2019  
Report Number: P1299154  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R15W2N902750DE010 E3D1WMH\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3500K CCT AND, 90CRI ,  
E3D1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1567.0 lumens  
Efficiency: N/A  
Efficacy: 80.8 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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100	98
1	116	114	112	111	113	112	110	109	108	107	105	104	103	102	101	100	99	99	98	97
2	112	109	107	105	110	108	105	103	105	103	101	102	100	99	99	98	97	96	96	94
3	110	106	102	100	108	104	102	99	102	100	98	100	98	96	98	96	95	94	94	92
4	107	102	99	96	105	101	98	96	99	97	95	98	96	94	96	94	93	92	92	90
5	105	100	96	94	103	99	96	93	97	94	92	96	93	92	94	93	91	90	89	88
6	102	97	94	91	101	96	93	91	95	92	90	94	92	90	93	91	89	88	87	85
7	100	95	91	89	99	94	91	89	93	90	88	92	90	88	91	89	88	87	85	84
8	98	93	89	87	97	92	89	87	91	89	87	91	88	86	90	88	86	85	84	82
9	96	91	88	85	96	91	87	85	90	87	85	89	87	85	89	86	85	84	82	80
10	95	89	86	84	94	89	86	84	88	85	83	88	85	83	87	85	83	82	80	78

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

	0°
0°	2983971
5°	2433232
10°	1191650
15°	364747
20°	154457
25°	69875
30°	27219
35°	12555
40°	3922
45°	1489
50°	614
55°	229
60°	263
65°	311
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 1489 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	860.4	54.9
10°-20°	528.0	33.7
20°-30°	141.8	9.0
30°-40°	31.2	2.0
40°-50°	4.4	0.3
50°-60°	0.8	0.1
60°-70°	0.4	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°	1530.2	97.7
0°-40°	1561.5	99.6
0°-60°	1566.6	100.0
0°-90°	1567.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1567.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	13608	
5°	11054	860
15°	1607	528
25°	289	142
35°	47	31
45°	5	4
55°	1	1
65°	1	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	13608.0
1°	13523.0
2°	13250.3
3°	12758.9
4°	12019.2
5°	11054.2
6°	9962.7
7°	8747.0
8°	7629.9
9°	6445.7
10°	5351.8
11°	4269.2
12°	3284.6
13°	2526.5
14°	2000.0
15°	1606.7
17.5°	995.9
20°	661.9
22.5°	445.6
25°	288.8
27.5°	171.1
30°	107.5
32.5°	72.5
35°	46.9
37.5°	26.1
40°	13.7
42.5°	7.7
45°	4.8
47.5°	3.0
50°	1.8
52.5°	1.2
55°	0.6
57.5°	0.6
60°	0.6
62.5°	0.6
65°	0.6
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)