

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: P1301779

Luminaire Tested: P3AS17R55W2N902750DE010 E3DLD1WMH\_5000K

Issue Date: 1/30/2026

**Test Information**

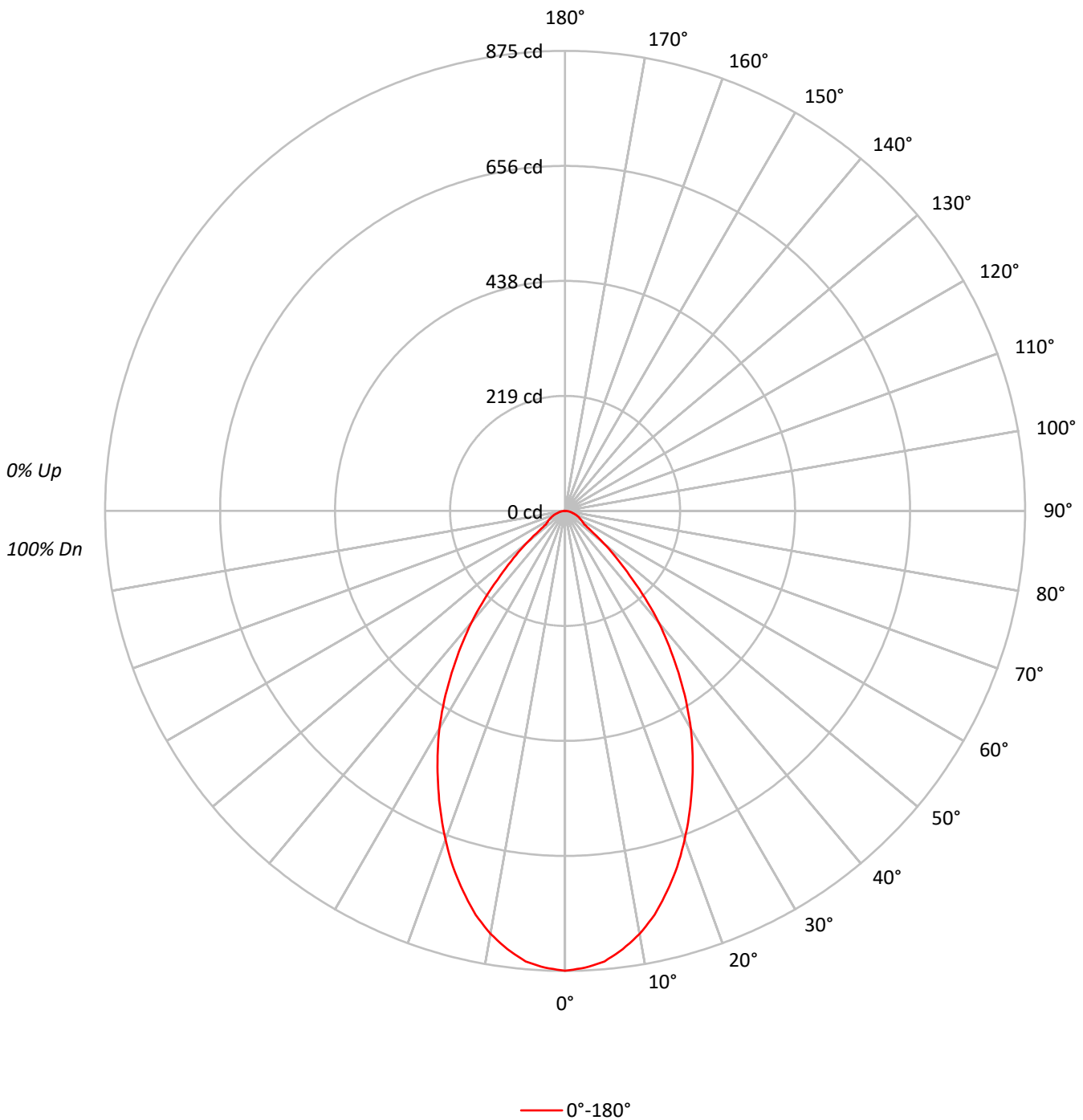
Test Method: LM-79-2019  
Report Number: P1301779  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R55W2N902750DE010 E3DLD1WMH\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 5000K CCT AND, 90CRI ,  
E3DLD1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1020.0 lumens  
Efficiency: N/A  
Efficacy: 52.6 lumens/watt  
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97  
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	112	109	106	103	110	107	104	102	103	100	98	99	97	95	95	94	93	91
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52
8	73	62	55	51	72	62	55	51	60	55	50	59	54	50	58	53	50	48
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42

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

	0°
0°	191783
5°	189346
10°	181871
15°	170103
20°	155180
25°	138443
30°	121107
35°	100626
40°	79320
45°	53804
50°	32886
55°	17051
60°	15832
65°	14995
70°	13913
75°	12285
80°	12123
85°	9057

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 53804 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	80.7	7.9
10°-20°	209.4	20.5
20°-30°	262.3	25.7
30°-40°	234.1	23.0
40°-50°	137.1	13.4
50°-60°	47.4	4.6
60°-70°	28.6	2.8
70°-80°	15.9	1.6
80°-90°	4.6	0.4
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°	552.4	54.2
0°-40°	786.5	77.1
0°-60°	971.0	95.2
0°-90°	1020.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1020.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	875	
5°	860	81
15°	749	209
25°	572	262
35°	376	234
45°	174	137
55°	45	47
65°	29	29
75°	14	16
85°	4	5
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	874.6
2.5°	869.8
5°	860.2
7.5°	840.9
10°	816.8
12.5°	786.7
15°	749.3
17.5°	709.6
20°	665.0
22.5°	619.2
25°	572.2
27.5°	525.3
30°	478.3
32.5°	427.7
35°	375.9
37.5°	325.3
40°	277.1
42.5°	225.3
45°	173.5
47.5°	132.5
50°	96.4
52.5°	62.6
55°	44.6
57.5°	39.8
60°	36.1
62.5°	32.5
65°	28.9
67.5°	25.3
70°	21.7
72.5°	18.1
75°	14.5
77.5°	12.0
80°	9.6
82.5°	6.0
85°	3.6
87.5°	2.4
90°	0.0

(END OF REPORT)