

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: P1302407

Luminaire Tested: P3AS17R65W2N902750DE010 E3DLD1MW\_5000K

Issue Date: 1/30/2026

**Test Information**

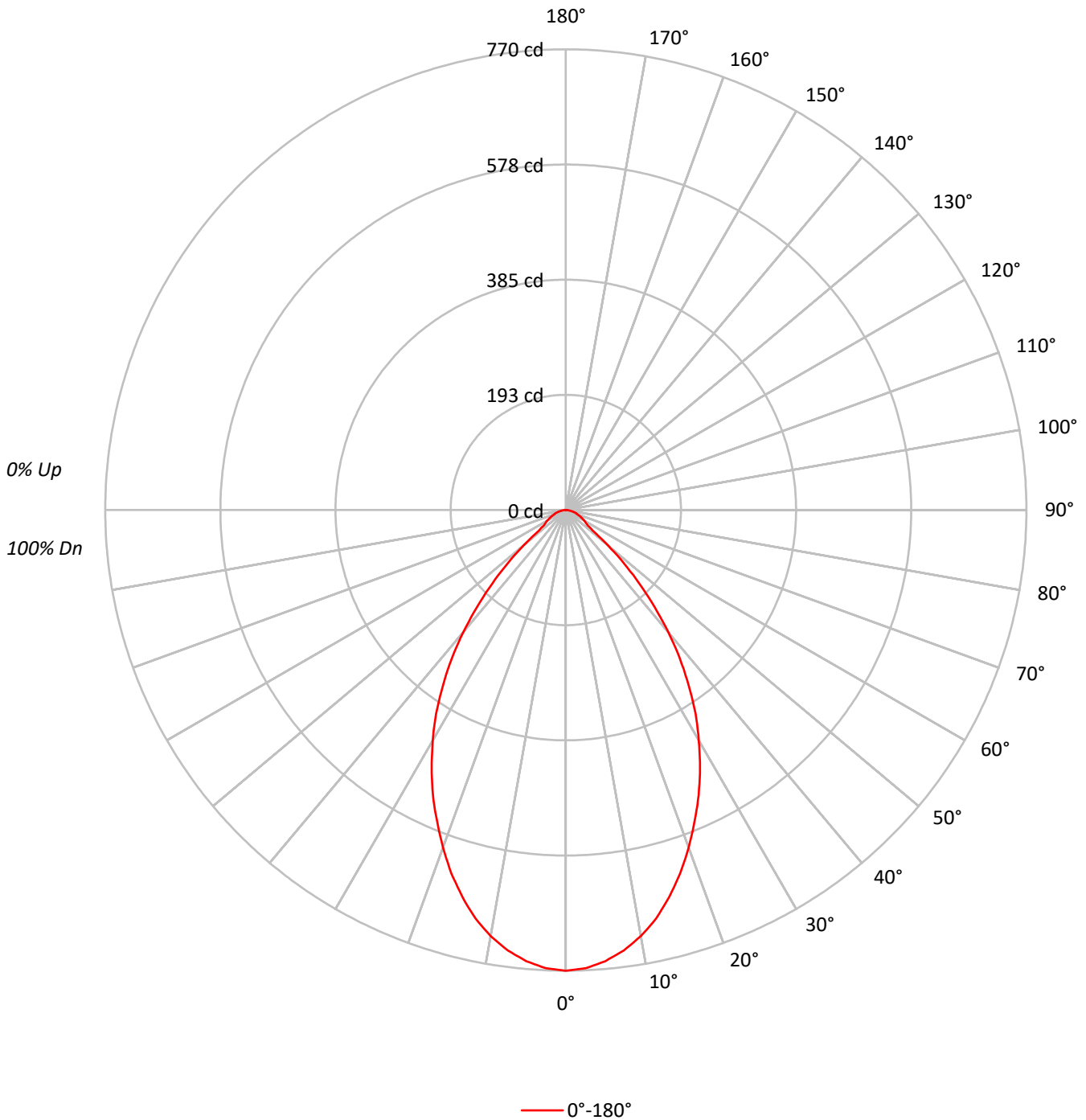
Test Method: LM-79-2019  
Report Number: P1302407  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R65W2N902750DE010 E3DLD1MW\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 90CRI ,  
E3DLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 949.1 lumens  
Efficiency: N/A  
Efficacy: 48.9 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1  
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	101	102	100	98	99	97	95	95	94	93	91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41

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

	0°
0°	168868
5°	166608
10°	161008
15°	151851
20°	140059
25°	127144
30°	112600
35°	95834
40°	76257
45°	53835
50°	31248
55°	17051
60°	15876
65°	14372
70°	13143
75°	12285
80°	10607
85°	9057

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 53835 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	71.2	7.5
10°-20°	187.1	19.7
20°-30°	240.5	25.3
30°-40°	222.5	23.4
40°-50°	134.3	14.2
50°-60°	45.8	4.8
60°-70°	27.6	2.9
70°-80°	15.6	1.6
80°-90°	4.4	0.5
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°	498.8	52.6
0°-40°	721.3	76.0
0°-60°	901.5	95.0
0°-90°	949.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	949.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	770	
5°	757	71
15°	669	187
25°	526	240
35°	358	223
45°	174	134
55°	45	46
65°	28	28
75°	14	16
85°	4	4
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	770.1
2.5°	766.5
5°	756.9
7.5°	742.4
10°	723.1
12.5°	699.0
15°	668.9
17.5°	636.4
20°	600.2
22.5°	562.8
25°	525.5
27.5°	485.7
30°	444.7
32.5°	403.8
35°	358.0
37.5°	313.4
40°	266.4
42.5°	219.4
45°	173.6
47.5°	131.4
50°	91.6
52.5°	57.9
55°	44.6
57.5°	39.8
60°	36.2
62.5°	31.3
65°	27.7
67.5°	24.1
70°	20.5
72.5°	18.1
75°	14.5
77.5°	12.1
80°	8.4
82.5°	6.0
85°	3.6
87.5°	2.4
90°	0.0

(END OF REPORT)