

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: P1302377

Luminaire Tested: P3AS17R65W2N902750DE010 E3DL1MW\_5000K

Issue Date: 1/30/2026

**Test Information**

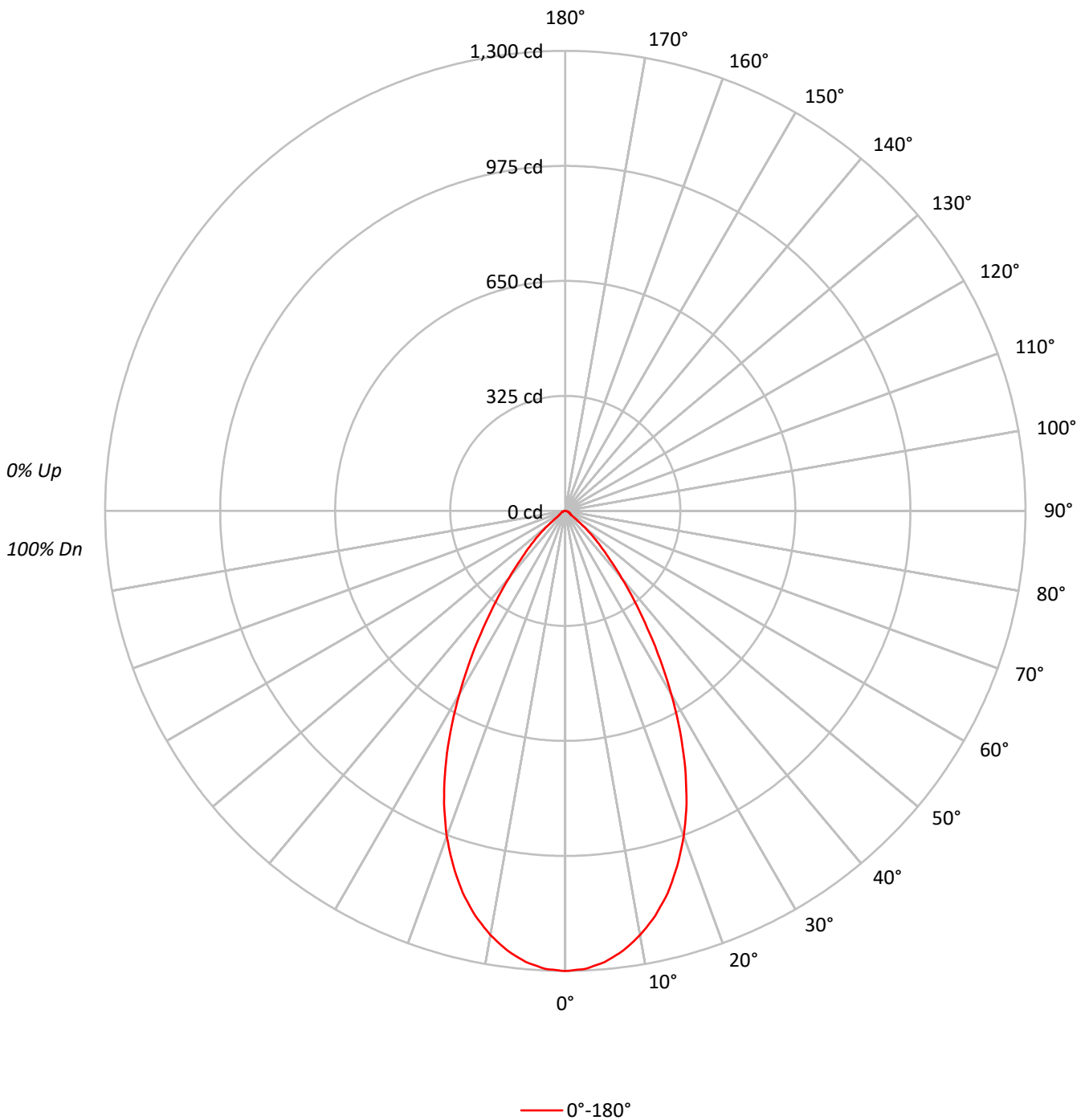
Test Method: LM-79-2019  
Report Number: P1302377  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R65W2N902750DE010 E3DL1MW\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 90CRI ,  
E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1209.0 lumens  
Efficiency: N/A  
Efficacy: 62.3 lumens/watt  
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88  
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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			85
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79			79
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	74	73			73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	68			68
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64	63			63
7	82	72	66	61	80	71	65	61	70	64	61	69	64	60	67	63	60	58			58
8	77	67	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55			55
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51			51
10	70	60	54	50	69	59	54	50	59	53	50	58	53	50	57	53	49	48			48

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

	0°
0°	285109
5°	281707
10°	271004
15°	253872
20°	228337
25°	193898
30°	151644
35°	108067
40°	70704
45°	43725
50°	22208
55°	7837
60°	6885
65°	6901
70°	6155
75°	6100
80°	6061
85°	6038

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 43725 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	120.2	9.9
10°-20°	311.2	25.7
20°-30°	363.7	30.1
30°-40°	254.2	21.0
40°-50°	111.9	9.3
50°-60°	24.9	2.1
60°-70°	12.7	1.0
70°-80°	7.6	0.6
80°-90°	2.6	0.2
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°	795.1	65.8
0°-40°	1049.3	86.8
0°-60°	1186.1	98.1
0°-90°	1209.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1209.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1300	
5°	1280	120
15°	1118	311
25°	801	364
35°	404	254
45°	141	112
55°	20	25
65°	13	13
75°	7	8
85°	2	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1300.2
2.5°	1295.4
5°	1279.8
7.5°	1253.2
10°	1217.1
12.5°	1172.5
15°	1118.3
17.5°	1052.0
20°	978.5
22.5°	895.3
25°	801.4
27.5°	702.5
30°	598.9
32.5°	498.9
35°	403.7
37.5°	320.5
40°	247.0
42.5°	186.8
45°	141.0
47.5°	103.6
50°	65.1
52.5°	33.7
55°	20.5
57.5°	18.1
60°	15.7
62.5°	14.5
65°	13.3
67.5°	10.8
70°	9.6
72.5°	8.4
75°	7.2
77.5°	6.0
80°	4.8
82.5°	3.6
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)