

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: P1302542

Luminaire Tested: P3AS17R65W2N902765DE010 E3DL1WH\_5000K

Issue Date: 1/30/2026

**Test Information**

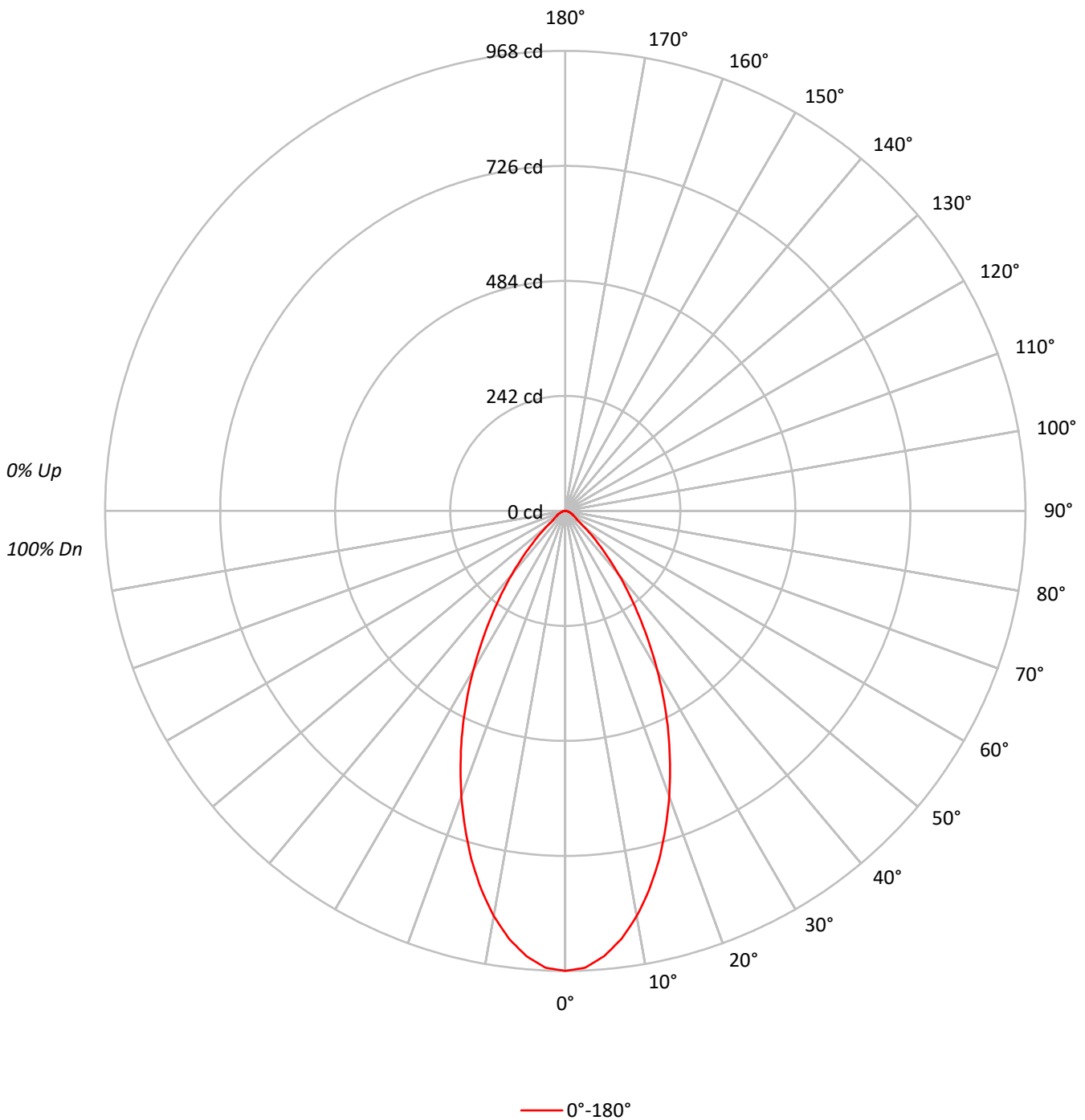
Test Method: LM-79-2019  
Report Number: P1302542  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R65W2N902765DE010 E3DL1WH\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 90CRI ,  
E3DL1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 835.0 lumens  
Efficiency: N/A  
Efficacy: 43.0 lumens/watt  
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83  
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				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	110	108	105	103	104	102	100	100	98	97	96	95	94	92				92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85				85
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78				78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72				72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66				66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62				62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57				57
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54				54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50				50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47				47

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

	0°
0°	212242
5°	206955
10°	192737
15°	172714
20°	149183
25°	124072
30°	97838
35°	72518
40°	49979
45°	30980
50°	16852
55°	10590
60°	8991
65°	8146
70°	6924
75°	6100
80°	6061
85°	6038

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 30980 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	87.4	10.5
10°-20°	211.4	25.3
20°-30°	233.8	28.0
30°-40°	169.8	20.3
40°-50°	79.6	9.5
50°-60°	26.8	3.2
60°-70°	15.5	1.9
70°-80°	8.1	1.0
80°-90°	2.6	0.3
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°	532.6	63.8
0°-40°	702.4	84.1
0°-60°	808.8	96.9
0°-90°	835.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	835.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	968	
5°	940	87
15°	761	211
25°	513	234
35°	271	170
45°	100	80
55°	28	27
65°	16	15
75°	7	8
85°	2	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	967.9
2.5°	961.9
5°	940.2
7.5°	907.7
10°	865.6
12.5°	816.2
15°	760.8
17.5°	700.6
20°	639.3
22.5°	575.4
25°	512.8
27.5°	449.0
30°	386.4
32.5°	326.2
35°	270.9
37.5°	220.3
40°	174.6
42.5°	133.6
45°	99.9
47.5°	72.2
50°	49.4
52.5°	33.7
55°	27.7
57.5°	24.1
60°	20.5
62.5°	18.1
65°	15.7
67.5°	13.2
70°	10.8
72.5°	9.6
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)