

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: P1302355

Luminaire Tested: P3AS17R65W2N902750DE010 E3D1WMH\_3500K

Issue Date: 1/29/2026

**Test Information**

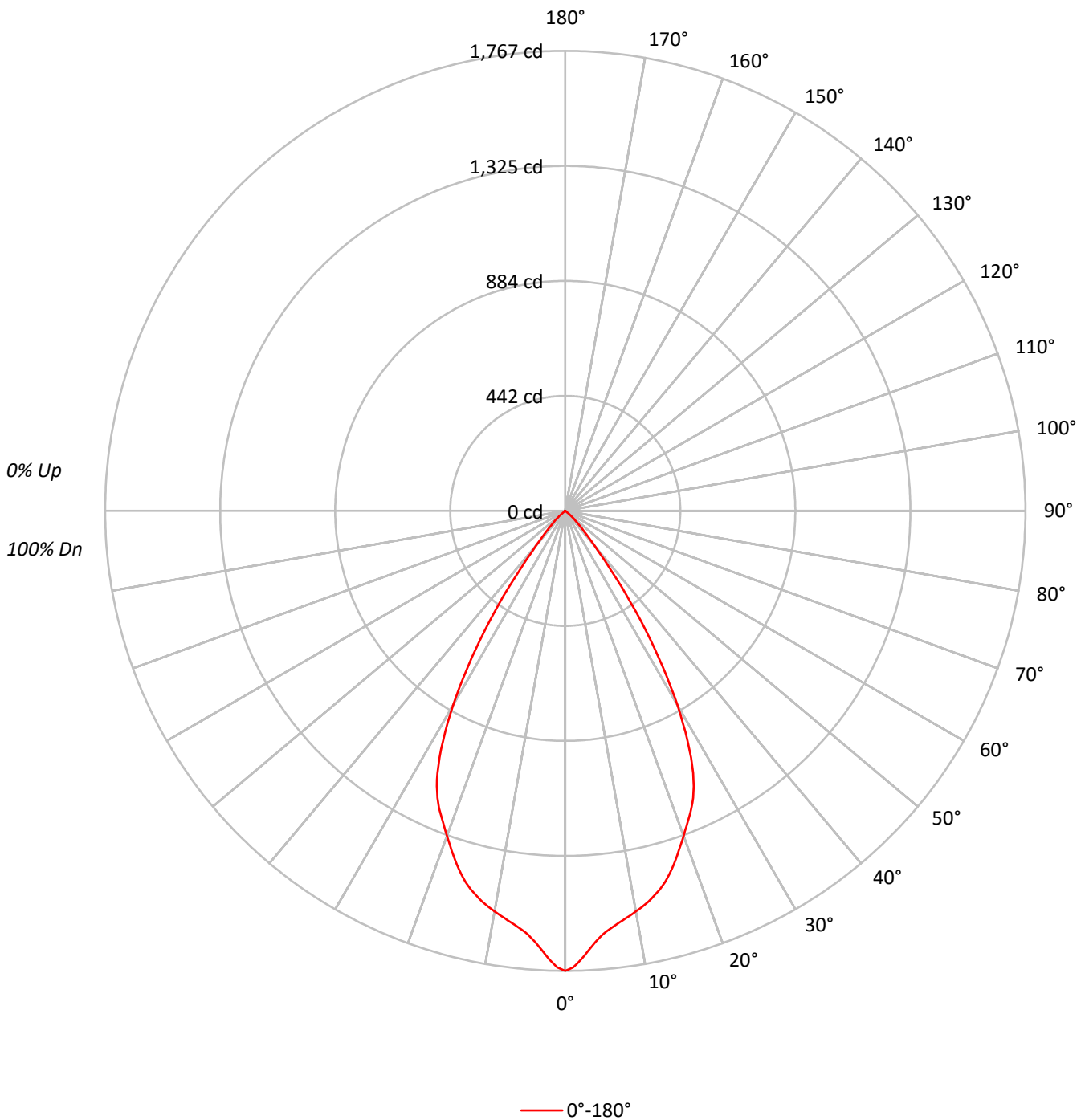
Test Method: LM-79-2019  
Report Number: P1302355  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R65W2N902750DE010 E3D1WMH\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 3500K CCT AND, 90CRI ,  
E3D1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1446.0 lumens  
Efficiency: N/A  
Efficacy: 74.5 lumens/watt  
Spacing Criteria (0/90/45): 0.92 / 0.92 / 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	100	100
1	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94	94	94	94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88	88	88	88
3	103	97	92	88	101	95	91	88	93	89	86	90	87	85	88	86	83	82	82	82	82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	81	78	77	77	77	77
5	93	85	79	75	92	84	79	75	82	78	74	81	77	74	79	76	73	72	72	72	72
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67	67	67	67
7	84	75	70	65	83	75	69	65	73	69	65	72	68	65	71	67	64	63	63	63	63
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59	59
9	77	67	61	58	76	67	61	57	66	61	57	65	60	57	64	60	57	56	56	56	56
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	52	52	52

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

	0°
0°	387469
5°	359761
10°	347912
15°	335280
20°	309987
25°	282428
30°	218211
35°	126485
40°	50180
45°	21367
50°	5083
55°	688
60°	526
65°	311
70°	385
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 21367 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	154.1	10.7
10°-20°	411.5	28.5
20°-30°	520.9	36.0
30°-40°	296.6	20.5
40°-50°	58.9	4.1
50°-60°	3.1	0.2
60°-70°	0.8	0.1
70°-80°	0.1	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°	1086.5	75.1
0°-40°	1383.1	95.7
0°-60°	1445.1	99.9
0°-90°	1446.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1446.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1767	
5°	1634	154
15°	1477	412
25°	1167	521
35°	472	297
45°	69	59
55°	2	3
65°	1	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1767.0
1°	1753.9
2°	1725.4
3°	1692.1
4°	1659.4
5°	1634.4
6°	1616.0
7°	1601.2
8°	1588.1
9°	1575.0
10°	1562.5
11°	1548.9
12°	1534.6
13°	1517.4
14°	1498.9
15°	1476.9
16°	1450.8
17°	1422.3
18°	1391.4
19°	1358.7
20°	1328.4
21°	1297.5
22°	1269.5
23°	1240.4
24°	1206.5
25°	1167.3
26°	1120.3
27°	1063.9
28°	1000.3
29°	932.5
30°	861.8
31°	783.9
32°	706.7
32.5°	666.9
33°	628.2
34°	549.8
35°	472.5
36°	401.2
37°	330.5
37.5°	294.2
38°	265.1
39°	214.6
40°	175.3
42.5°	108.2
45°	68.9



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	40.4
50°	14.9
52.5°	3.0
55°	1.8
57.5°	1.2
60°	1.2
62.5°	1.2
65°	0.6
67.5°	0.6
70°	0.6
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
90°	0.0

(END OF REPORT)