

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: P1298708

Luminaire Tested: P3A13R65W2N902765DE010 E3D1WH\_3000K

Issue Date: 1/29/2026

**Test Information**

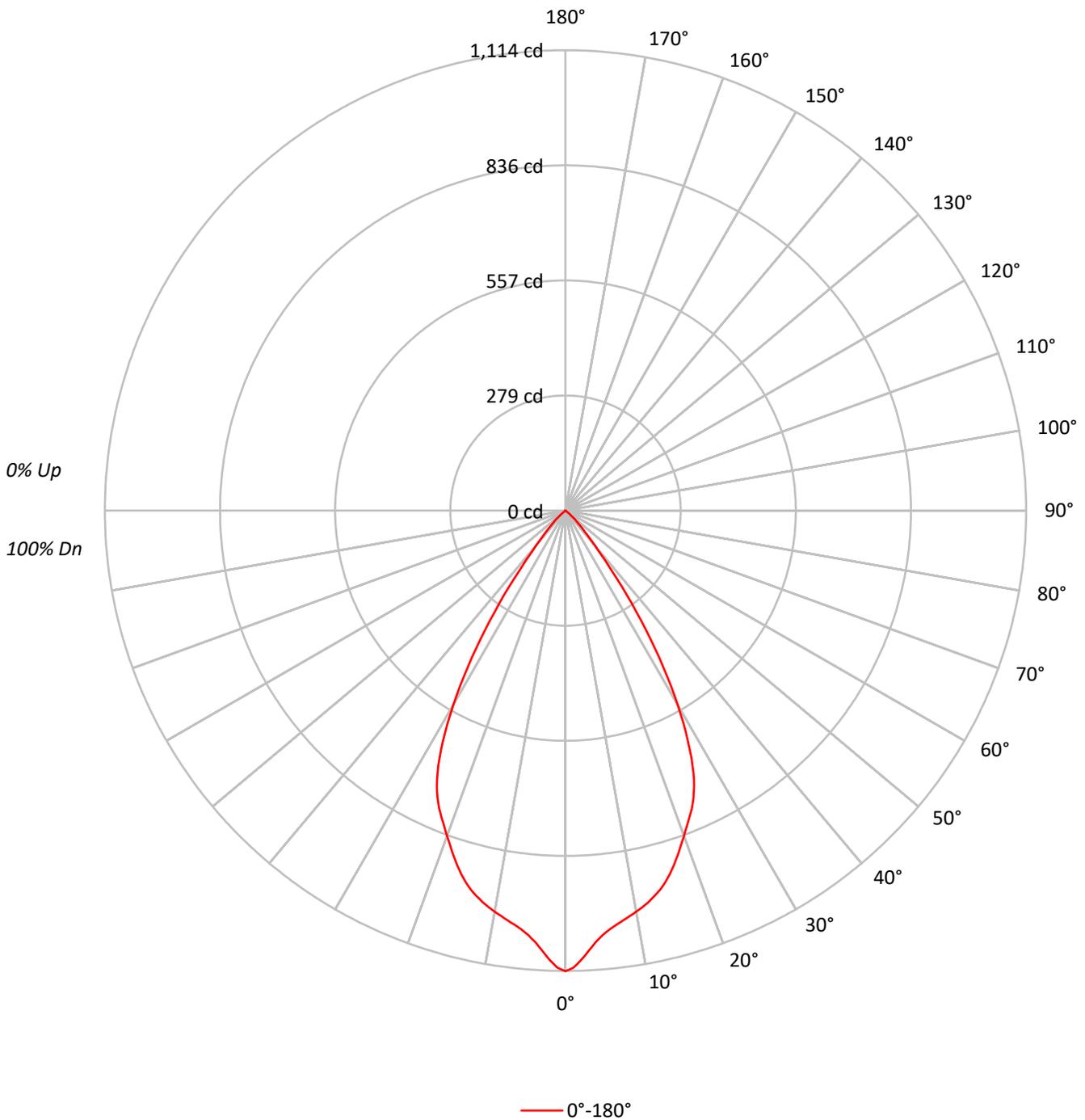
Test Method: LM-79-2019  
Report Number: P1298708  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRIS  
Catalog Number: P3A13R65W2N902765DE010 E3D1WH\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 3000K CCT AND, 90CRI ,  
E3D1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 912.0 lumens  
Efficiency: N/A  
Efficacy: 74.1 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): 12.3  
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			
1	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94			
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88			
3	103	97	92	88	101	95	91	88	93	89	86	90	87	85	88	86	83	82			
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	81	78	77			
5	93	85	79	75	92	84	79	75	82	78	74	81	77	74	79	76	73	72			
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67			
7	84	75	70	65	83	75	69	65	73	69	65	72	68	65	71	67	64	63			
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59			
9	77	67	61	58	76	67	61	57	66	61	57	65	60	57	64	60	57	56			
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52			

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

	0°
0°	244366
5°	226920
10°	219435
15°	211465
20°	195504
25°	178123
30°	137616
35°	79772
40°	31659
45°	13490
50°	3207
55°	421
60°	307
65°	208
70°	256
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 13490 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	97.2	10.7
10°-20°	259.6	28.5
20°-30°	328.5	36.0
30°-40°	187.1	20.5
40°-50°	37.2	4.1
50°-60°	1.9	0.2
60°-70°	0.5	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°	685.3	75.1
0°-40°	872.3	95.7
0°-60°	911.4	99.9
0°-90°	912.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	912.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1114	
5°	1031	97
15°	932	260
25°	736	329
35°	298	187
45°	44	37
55°	1	2
65°	0	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1114.4
1°	1106.2
2°	1088.2
3°	1067.2
4°	1046.6
5°	1030.9
6°	1019.2
7°	1009.9
8°	1001.6
9°	993.4
10°	985.5
11°	976.9
12°	967.9
13°	957.0
14°	945.4
15°	931.5
16°	915.0
17°	897.0
18°	877.5
19°	856.9
20°	837.8
21°	818.3
22°	800.7
23°	782.3
24°	761.0
25°	736.2
26°	706.6
27°	671.0
28°	630.9
29°	588.1
30°	543.5
31°	494.4
32°	445.7
32.5°	420.6
33°	396.2
34°	346.7
35°	298.0
36°	253.0
37°	208.4
37.5°	185.6
38°	167.2
39°	135.3
40°	110.6
42.5°	68.2
45°	43.5



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	25.5
50°	9.4
52.5°	1.9
55°	1.1
57.5°	0.7
60°	0.7
62.5°	0.7
65°	0.4
67.5°	0.4
70°	0.4
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)