

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: P1295218

Luminaire Tested: P3AS09R70W2N902765DE010 E3D1WMH\_3000K

Issue Date: 1/29/2026

**Test Information**

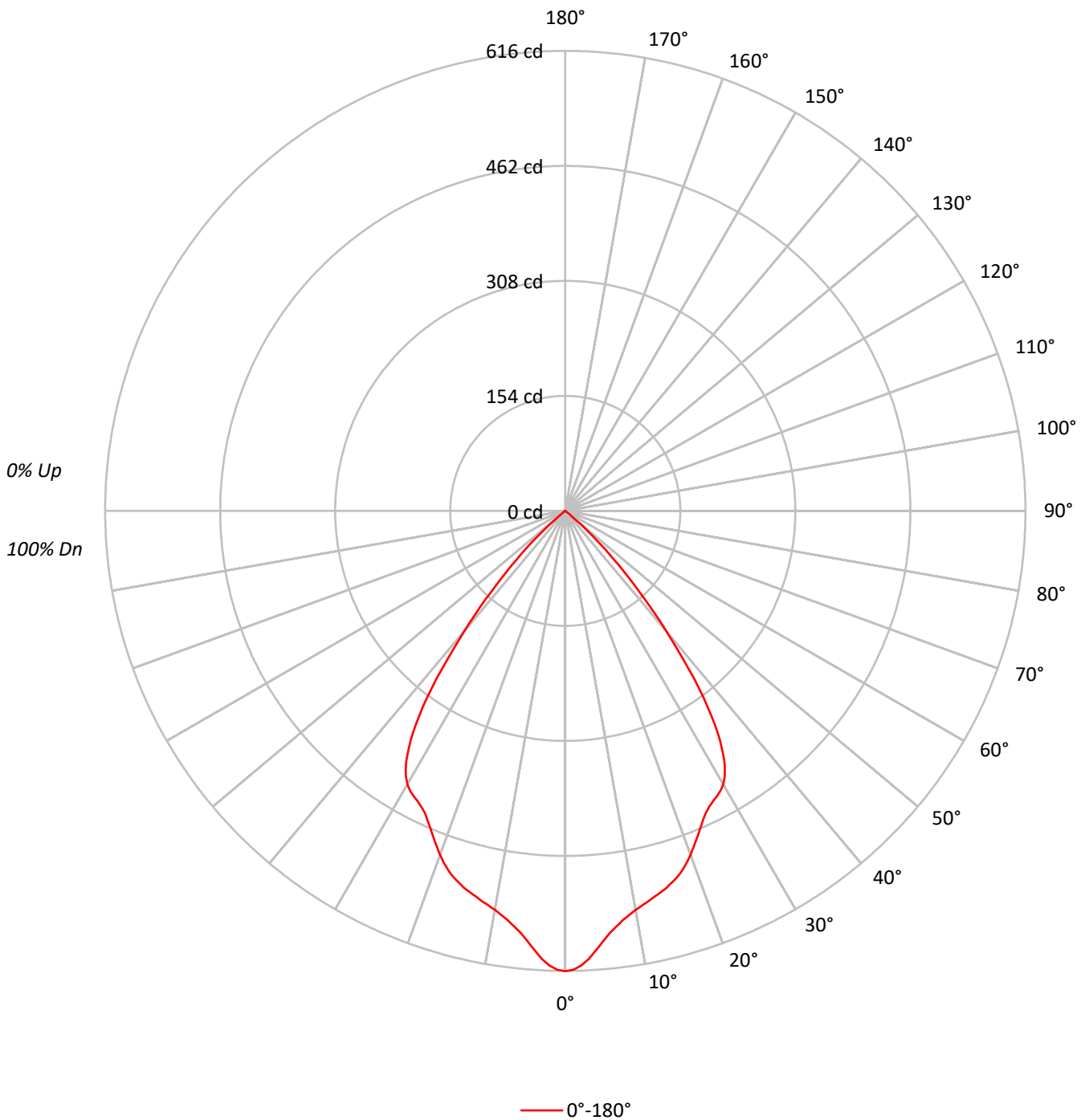
Test Method: LM-79-2019  
Report Number: P1295218  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R70W2N902765DE010 E3D1WMH\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,  
E3D1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 695.1 lumens  
Efficiency: N/A  
Efficacy: 77.2 lumens/watt  
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 9  
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	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	86	83	80	79			79
4	95	87	81	77	94	86	81	76	84	79	76	82	78	75	80	77	74	72			72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66			66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61			61
7	80	70	64	59	79	70	63	59	68	63	59	67	62	58	66	61	58	57			57
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52			52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			49
10	68	58	51	47	67	57	51	47	56	51	47	55	50	47	55	50	47	45			45

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

	0°
0°	135143
5°	127426
10°	120817
15°	118661
20°	114367
25°	107813
30°	107029
35°	93210
40°	60313
45°	28499
50°	3991
55°	344
60°	263
65°	311
70°	192
75°	254
80°	379
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 28499 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	54.1	7.8
10°-20°	146.8	21.1
20°-30°	207.6	29.9
30°-40°	208.7	30.0
40°-50°	75.1	10.8
50°-60°	2.0	0.3
60°-70°	0.5	0.1
70°-80°	0.3	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°	408.5	58.8
0°-40°	617.2	88.8
0°-60°	694.2	99.9
0°-90°	695.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	695.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	616	
5°	579	54
15°	523	147
25°	446	208
35°	348	209
45°	92	75
55°	1	2
65°	1	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	616.3
1°	614.6
2°	609.1
3°	600.6
4°	589.7
5°	578.9
6°	568.6
7°	560.6
8°	553.5
9°	547.8
10°	542.6
11°	538.4
12°	534.4
13°	530.4
14°	526.6
15°	522.7
16°	517.8
17°	512.7
18°	506.4
19°	498.7
20°	490.1
21°	480.7
22°	471.3
23°	462.1
24°	453.3
25°	445.6
26°	440.2
27°	435.9
28°	432.5
29°	428.5
30°	422.7
31°	414.5
32°	402.8
32.5°	396.2
33°	387.4
34°	369.9
35°	348.2
36°	324.3
37°	297.1
37.5°	284.6
38°	267.5
39°	236.9
40°	210.7
42.5°	145.9
45°	91.9



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	49.4
50°	11.7
52.5°	1.4
55°	0.9
57.5°	0.9
60°	0.6
62.5°	0.6
65°	0.6
67.5°	0.3
70°	0.3
72.5°	0.3
75°	0.3
77.5°	0.3
80°	0.3
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)