

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: P1292698

Luminaire Tested: P3A09R30W2N902765DE010 E3D1H\_2700K

Issue Date: 1/29/2026

**Test Information**

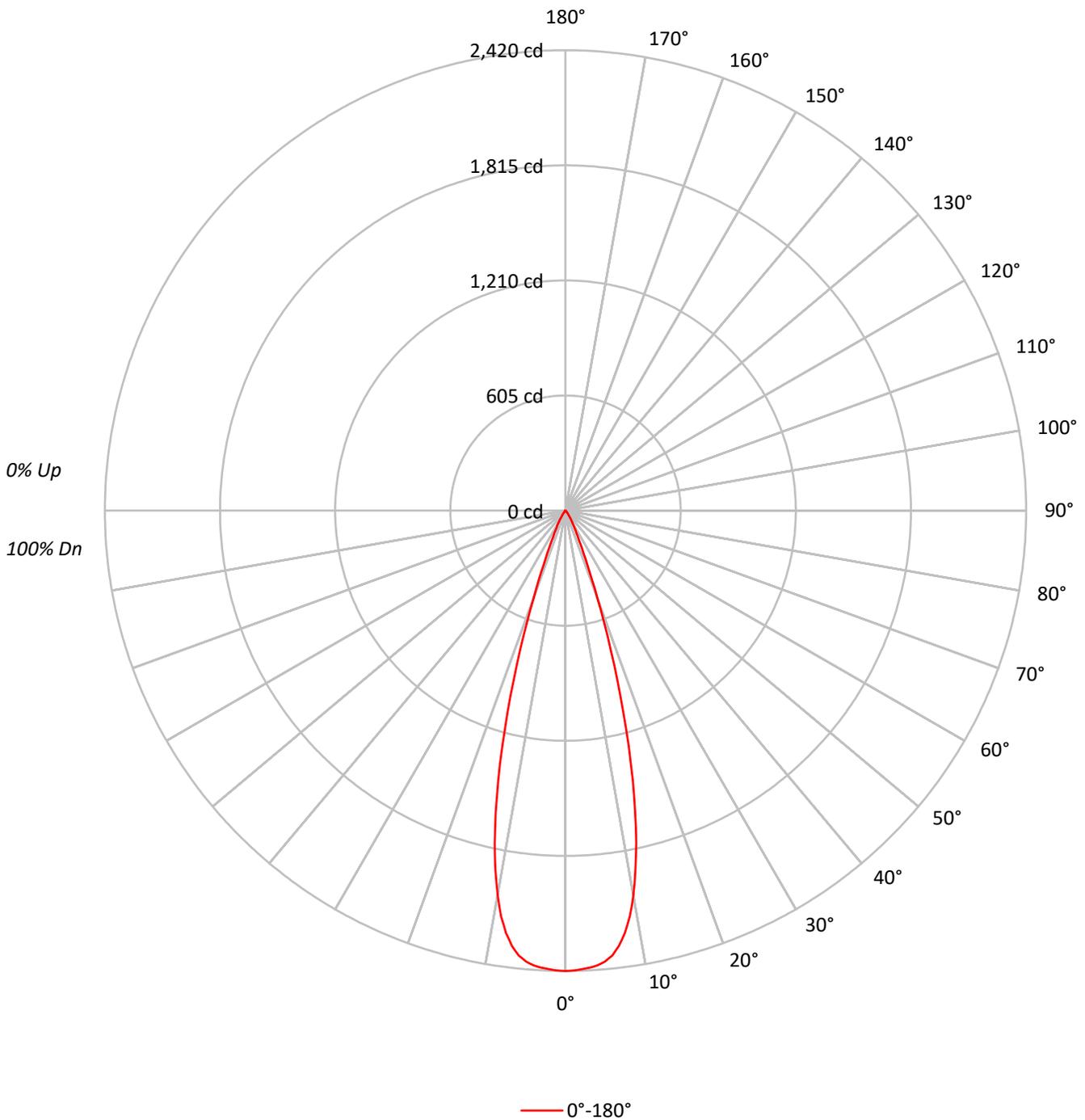
Test Method: LM-79-2019  
Report Number: P1292698  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A09R30W2N902765DE010 E3D1H\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3D1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 667.0 lumens  
Efficiency: N/A  
Efficacy: 74.1 lumens/watt  
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47  
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	99	98	100
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95	94
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	93	92	90
3	108	103	100	97	106	102	99	96	99	97	95	97	95	93	95	93	92	90	89	88	88
4	105	99	95	92	103	98	95	92	96	93	91	94	92	90	93	91	89	88	86	85	85
5	101	96	92	89	100	95	91	88	93	90	87	92	89	87	90	88	86	85	84	83	82
6	99	92	88	85	97	92	88	85	90	87	84	89	86	84	88	85	83	82	81	80	80
7	96	89	85	82	95	89	85	82	88	84	82	87	84	81	86	83	81	80	79	78	78
8	93	87	83	80	92	86	82	80	85	82	79	84	81	79	84	81	79	78	77	76	76
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	82	79	77	76	75	74	74
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	80	77	75	74	73	72	72

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

	0°
0°	530681
5°	523771
10°	457284
15°	290671
20°	115160
25°	38470
30°	17901
35°	8111
40°	3120
45°	1520
50°	443
55°	191
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 1520 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	217.5	32.6
10°-20°	337.4	50.6
20°-30°	87.0	13.0
30°-40°	20.4	3.1
40°-50°	4.0	0.6
50°-60°	0.5	0.1
60°-70°	0.3	0.0
70°-80°	0.0	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°	641.9	96.2
0°-40°	662.3	99.3
0°-60°	666.8	100.0
0°-90°	667.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	667.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2420	
5°	2380	218
15°	1280	337
25°	159	87
35°	30	20
45°	5	4
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2420.1
1°	2418.3
2°	2412.6
3°	2406.1
4°	2396.6
5°	2379.5
6°	2351.8
7°	2305.7
8°	2242.8
9°	2160.7
10°	2053.7
11°	1926.6
12°	1787.8
13°	1628.1
14°	1460.8
15°	1280.4
16°	1103.5
17°	933.1
18°	769.8
19°	619.9
20°	493.5
21°	388.4
22°	305.5
23°	241.8
24°	193.7
25°	159.0
26°	132.6
27°	112.6
28°	97.4
29°	83.4
30°	70.7
32.5°	44.5
35°	30.3
37.5°	18.9
40°	10.9
42.5°	7.2
45°	4.9
47.5°	2.8
50°	1.3
52.5°	0.5
55°	0.5
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3



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**CANDELA DISTRIBUTION (continued):**

	0°
67.5°	0.3
70°	0.0
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)