

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: P1294601

Luminaire Tested: P3AS09R60W2N902765DE010 E3D1WMH\_3500K

Issue Date: 1/29/2026

**Test Information**

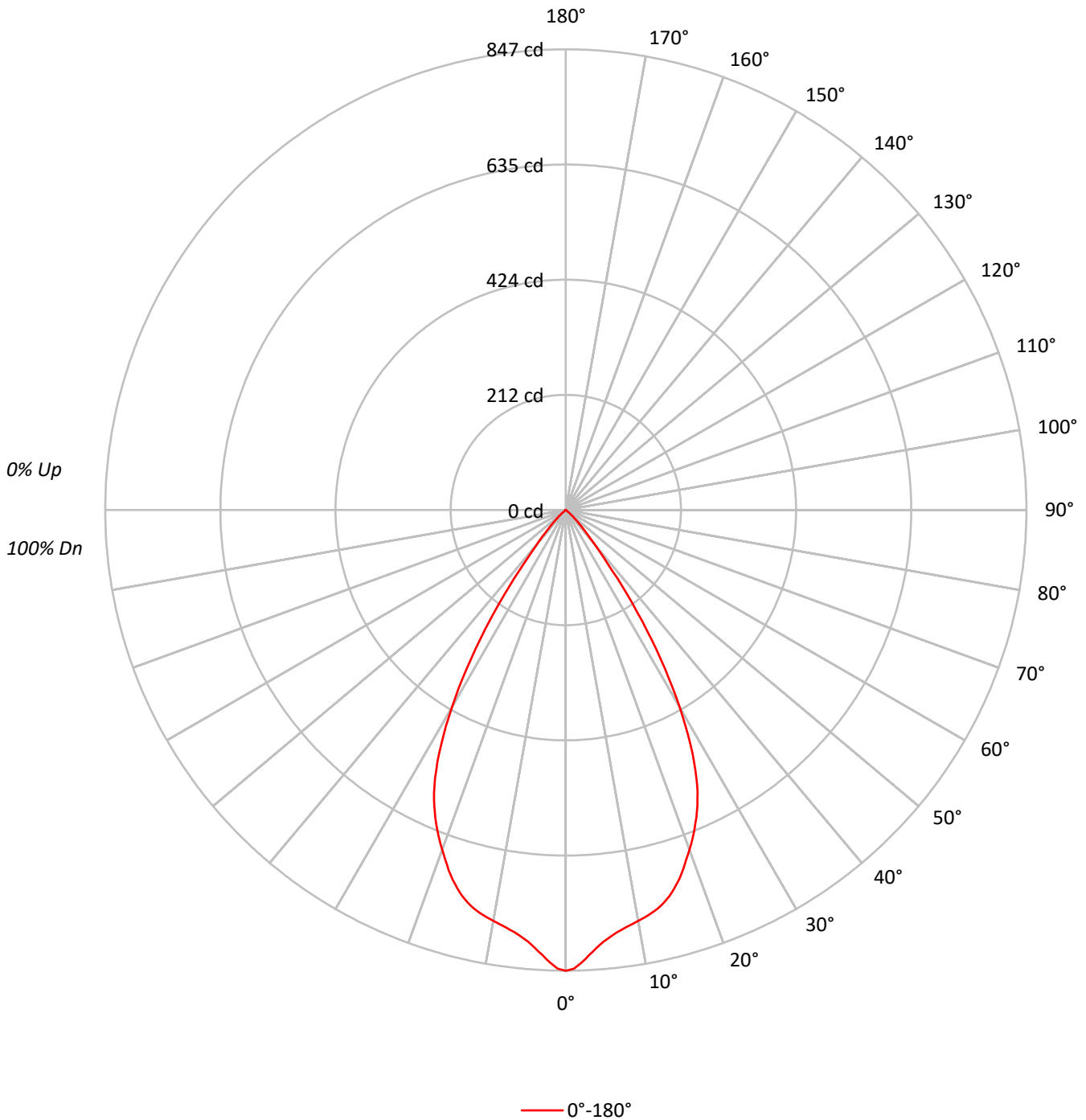
Test Method: LM-79-2019  
Report Number: P1294601  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R60W2N902765DE010 E3D1WMH\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 3500K CCT AND, 90CRI ,  
E3D1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 709.0 lumens  
Efficiency: N/A  
Efficacy: 78.8 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88  
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	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94			94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88			88
3	103	97	92	88	101	96	91	88	93	89	86	91	87	85	88	86	84	82			82
4	98	91	85	81	96	90	85	81	88	83	80	86	82	79	84	81	78	77			77
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72			72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	71	69	67			67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	63			63
8	81	71	65	61	79	71	65	61	70	65	61	69	64	61	68	64	61	59			59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	56			56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53			53

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

	0°
0°	185775
5°	175368
10°	170805
15°	166902
20°	155180
25°	138734
30°	105966
35°	61168
40°	23730
45°	9892
50°	2183
55°	344
60°	263
65°	156
70°	192
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 9892 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	75.2	10.6
10°-20°	204.8	28.9
20°-30°	256.5	36.2
30°-40°	143.4	20.2
40°-50°	27.3	3.8
50°-60°	1.4	0.2
60°-70°	0.3	0.0
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°	536.5	75.7
0°-40°	679.9	95.9
0°-60°	708.6	99.9
0°-90°	709.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	709.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	847	
5°	797	75
15°	735	205
25°	573	257
35°	228	143
45°	32	27
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	847.2
1°	843.7
2°	832.7
3°	819.6
4°	807.4
5°	796.7
6°	788.6
7°	781.6
8°	776.4
9°	771.5
10°	767.1
11°	762.8
12°	757.8
13°	751.8
14°	744.5
15°	735.2
16°	723.9
17°	711.1
18°	696.6
19°	680.1
20°	665.0
21°	648.8
22°	632.0
23°	614.3
24°	594.8
25°	573.4
26°	548.2
27°	520.0
28°	488.4
29°	454.8
30°	418.5
31°	382.0
32°	344.3
32.5°	323.7
33°	305.1
34°	266.5
35°	228.5
36°	194.3
37°	158.1
37.5°	141.5
38°	125.3
39°	100.9
40°	82.9
42.5°	50.5
45°	31.9



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	17.7
50°	6.4
52.5°	1.5
55°	0.9
57.5°	0.6
60°	0.6
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.3
72.5°	0.3
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)