

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: P1286954

Luminaire Tested: P3AS09R609030D2WDE010 E3D1WMH

Issue Date: 1/29/2026

**Test Information**

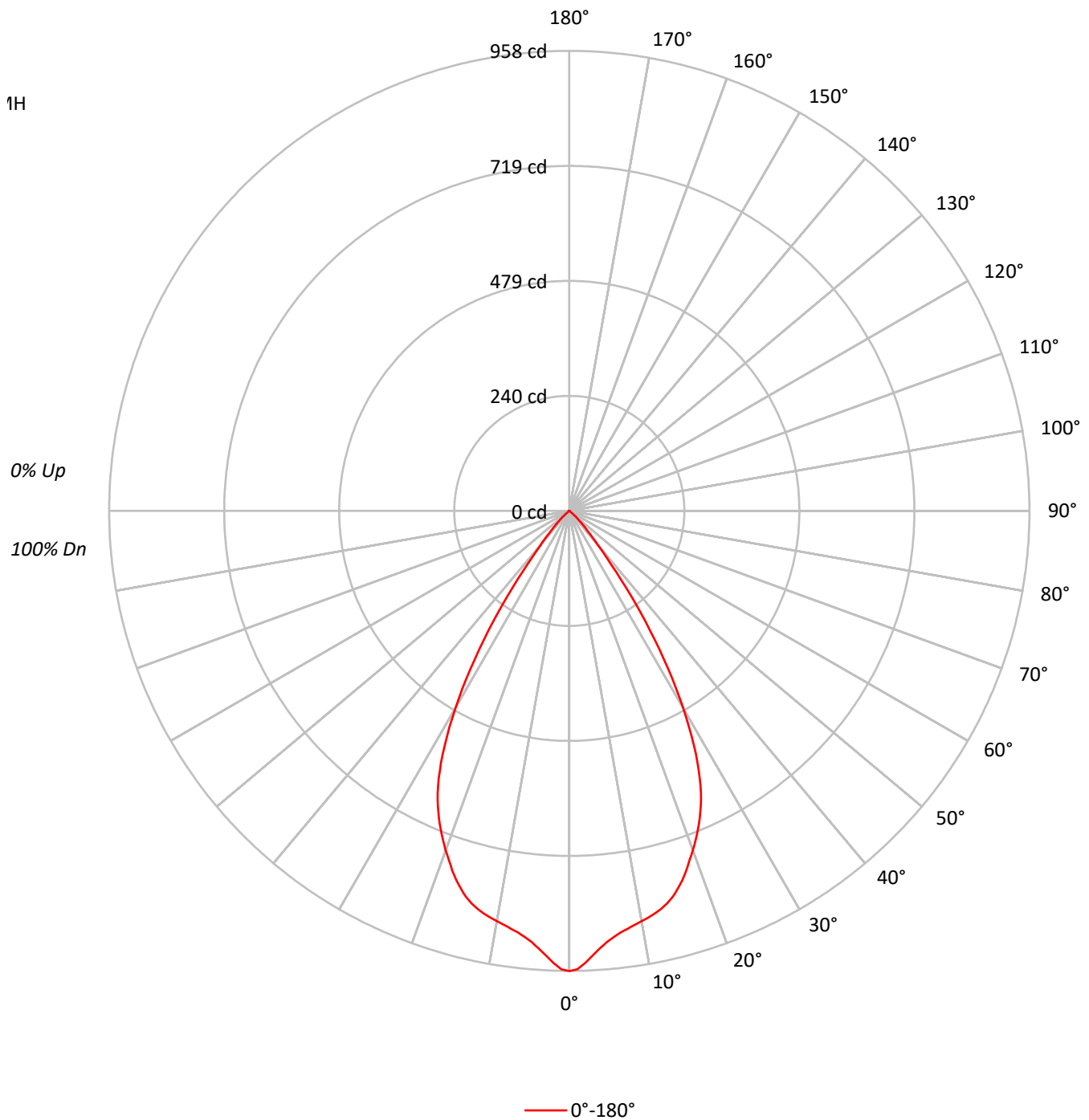
Test Method: LM-79-2019  
Report Number: P1286954  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R609030D2WDE010 E3D1WMH  
Description: 3in Adjustable Dim to Warm LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3D1WM TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 802.0 lumens  
Efficiency: N/A  
Efficacy: 54.6 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): 14.7  
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				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	72	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°	210137
5°	198371
10°	193205
15°	188809
20°	175552
25°	156928
30°	119867
35°	69198
40°	26850
45°	11195
50°	2456
55°	382
60°	307
65°	156
70°	192
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 11195 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	85.1	10.6
10°-20°	231.7	28.9
20°-30°	290.2	36.2
30°-40°	162.2	20.2
40°-50°	30.8	3.8
50°-60°	1.6	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°	606.9	75.7
0°-40°	769.1	95.9
0°-60°	801.5	99.9
0°-90°	802.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	802.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	958	
5°	901	85
15°	832	232
25°	649	290
35°	258	162
45°	36	31
55°	1	2
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	958.3
1°	954.4
2°	941.9
3°	927.1
4°	913.3
5°	901.2
6°	892.0
7°	884.1
8°	878.2
9°	872.7
10°	867.7
11°	862.8
12°	857.2
13°	850.4
14°	842.2
15°	831.7
16°	818.9
17°	804.4
18°	788.0
19°	769.3
20°	752.3
21°	733.9
22°	714.9
23°	694.9
24°	672.9
25°	648.6
26°	620.1
27°	588.2
28°	552.5
29°	514.4
30°	473.4
31°	432.1
32°	389.4
32.5°	366.1
33°	345.1
34°	301.5
35°	258.5
36°	219.8
37°	178.8
37.5°	160.1
38°	141.7
39°	114.2
40°	93.8
42.5°	57.1
45°	36.1



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	20.0
50°	7.2
52.5°	1.6
55°	1.0
57.5°	0.7
60°	0.7
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)