

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: P1259970

Luminaire Tested: P3AS13R309050DE010 E3D1WMH

Issue Date: 1/29/2026

**Test Information**

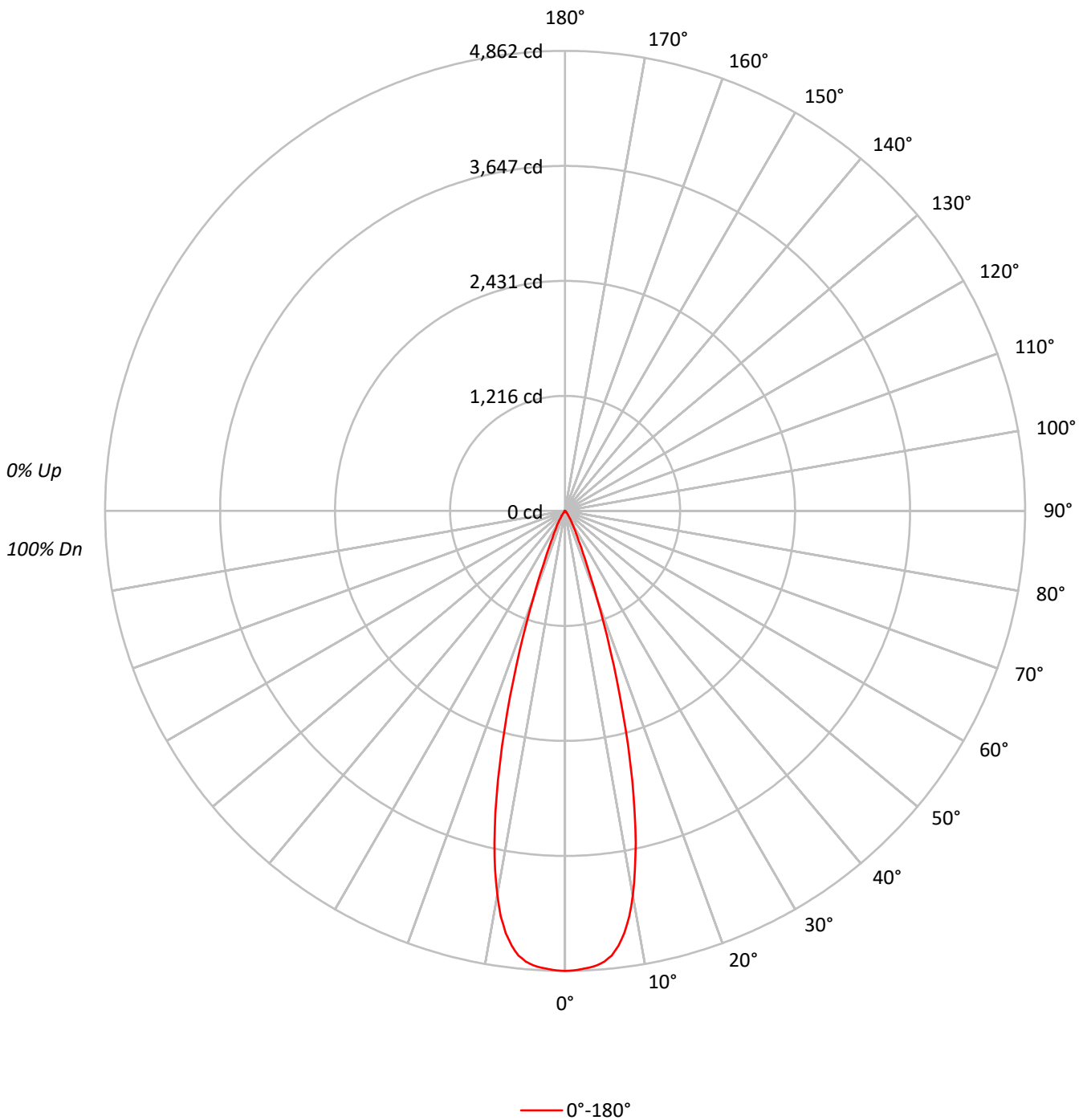
Test Method: LM-79-2019  
Report Number: P1259970  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R309050DE010 E3D1WMH  
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3D1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1340.0 lumens  
Efficiency: N/A  
Efficacy: 91.8 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): 14.6  
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	100	100
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	97	97	97
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	94	94	94
3	108	103	100	97	106	102	99	96	99	97	95	97	95	93	95	93	92	90	90	90	90
4	105	99	95	92	103	98	95	92	96	93	91	94	92	90	93	91	89	88	88	88	88
5	101	96	92	89	100	95	91	88	93	90	87	92	89	87	90	88	86	85	85	85	85
6	99	92	88	85	97	92	88	85	90	87	85	89	86	84	88	85	83	82	82	82	82
7	96	89	85	82	95	89	85	82	88	84	82	87	84	81	86	83	81	80	80	80	80
8	93	87	83	80	92	86	82	80	85	82	79	84	81	79	84	81	79	78	78	78	78
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	82	79	77	76	76	76	76
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	80	77	75	74	74	74	74

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

	0°
0°	1066143
5°	1052231
10°	918709
15°	583931
20°	231347
25°	77279
30°	35955
35°	16302
40°	6240
45°	3070
50°	887
55°	382
60°	219
65°	259
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 3070 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	437.1	32.6
10°-20°	677.8	50.6
20°-30°	174.8	13.0
30°-40°	41.1	3.1
40°-50°	8.0	0.6
50°-60°	0.9	0.1
60°-70°	0.4	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°	1289.6	96.2
0°-40°	1330.6	99.3
0°-60°	1339.5	100.0
0°-90°	1340.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1340.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	4862	
5°	4780	437
15°	2572	678
25°	319	175
35°	61	41
45°	10	8
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	4862.0
1°	4858.4
2°	4846.9
3°	4833.9
4°	4814.7
5°	4780.3
6°	4724.7
7°	4632.1
8°	4505.7
9°	4340.8
10°	4126.0
11°	3870.6
12°	3591.8
13°	3270.8
14°	2934.8
15°	2572.2
16°	2217.0
17°	1874.7
18°	1546.5
19°	1245.3
20°	991.4
21°	780.3
22°	613.8
23°	485.8
24°	389.1
25°	319.4
26°	266.3
27°	226.3
28°	195.6
29°	167.5
30°	142.0
32.5°	89.5
35°	60.9
37.5°	38.0
40°	21.8
42.5°	14.6
45°	9.9
47.5°	5.7
50°	2.6
52.5°	1.0
55°	1.0
57.5°	0.5
60°	0.5
62.5°	0.5
65°	0.5



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**CANDELA DISTRIBUTION (continued):**

	0°
67.5°	0.5
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)