

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: P1287468

Luminaire Tested: P3AS17R309030D2WDE010 E3D1H

Issue Date: 1/29/2026

**Test Information**

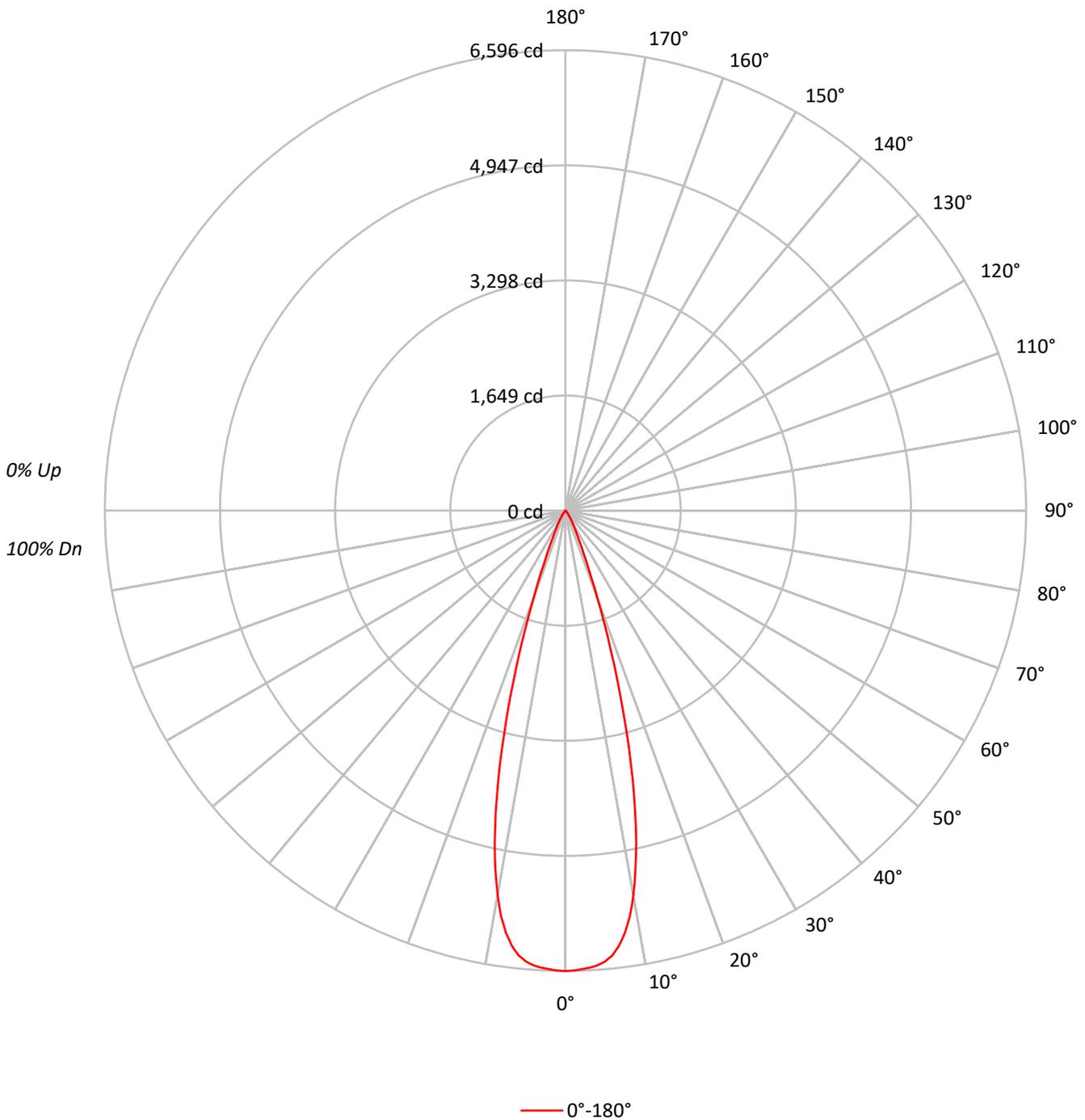
Test Method: LM-79-2019  
Report Number: P1287468  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R309030D2WDE010 E3D1H  
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3D1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1818.0 lumens  
Efficiency: N/A  
Efficacy: 66.6 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): 27.3  
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	85	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°	1446463
5°	1427599
10°	1246425
15°	792241
20°	313884
25°	104837
30°	48792
35°	22111
40°	8473
45°	4155
50°	1194
55°	535
60°	307
65°	363
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 4155 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	593.0	32.6
10°-20°	919.5	50.6
20°-30°	237.1	13.0
30°-40°	55.7	3.1
40°-50°	10.9	0.6
50°-60°	1.2	0.1
60°-70°	0.6	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°	1749.6	96.2
0°-40°	1805.3	99.3
0°-60°	1817.4	100.0
0°-90°	1818.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1818.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	6596	
5°	6486	593
15°	3490	920
25°	433	237
35°	83	56
45°	13	11
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	6596.4
1°	6591.4
2°	6575.9
3°	6558.3
4°	6532.1
5°	6485.6
6°	6410.1
7°	6284.4
8°	6113.0
9°	5889.2
10°	5597.8
11°	5251.3
12°	4873.0
13°	4437.6
14°	3981.7
15°	3489.8
16°	3007.8
17°	2543.4
18°	2098.1
19°	1689.5
20°	1345.1
21°	1058.6
22°	832.8
23°	659.1
24°	527.9
25°	433.3
26°	361.3
27°	307.0
28°	265.4
29°	227.2
30°	192.7
32.5°	121.4
35°	82.6
37.5°	51.5
40°	29.6
42.5°	19.8
45°	13.4
47.5°	7.8
50°	3.5
52.5°	1.4
55°	1.4
57.5°	0.7
60°	0.7
62.5°	0.7
65°	0.7



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**CANDELA DISTRIBUTION (continued):**

	0°
67.5°	0.7
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)