

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: P1286148

Luminaire Tested: P3AS02R409030D2WDE010 E3D1H

Issue Date: 1/29/2026

**Test Information**

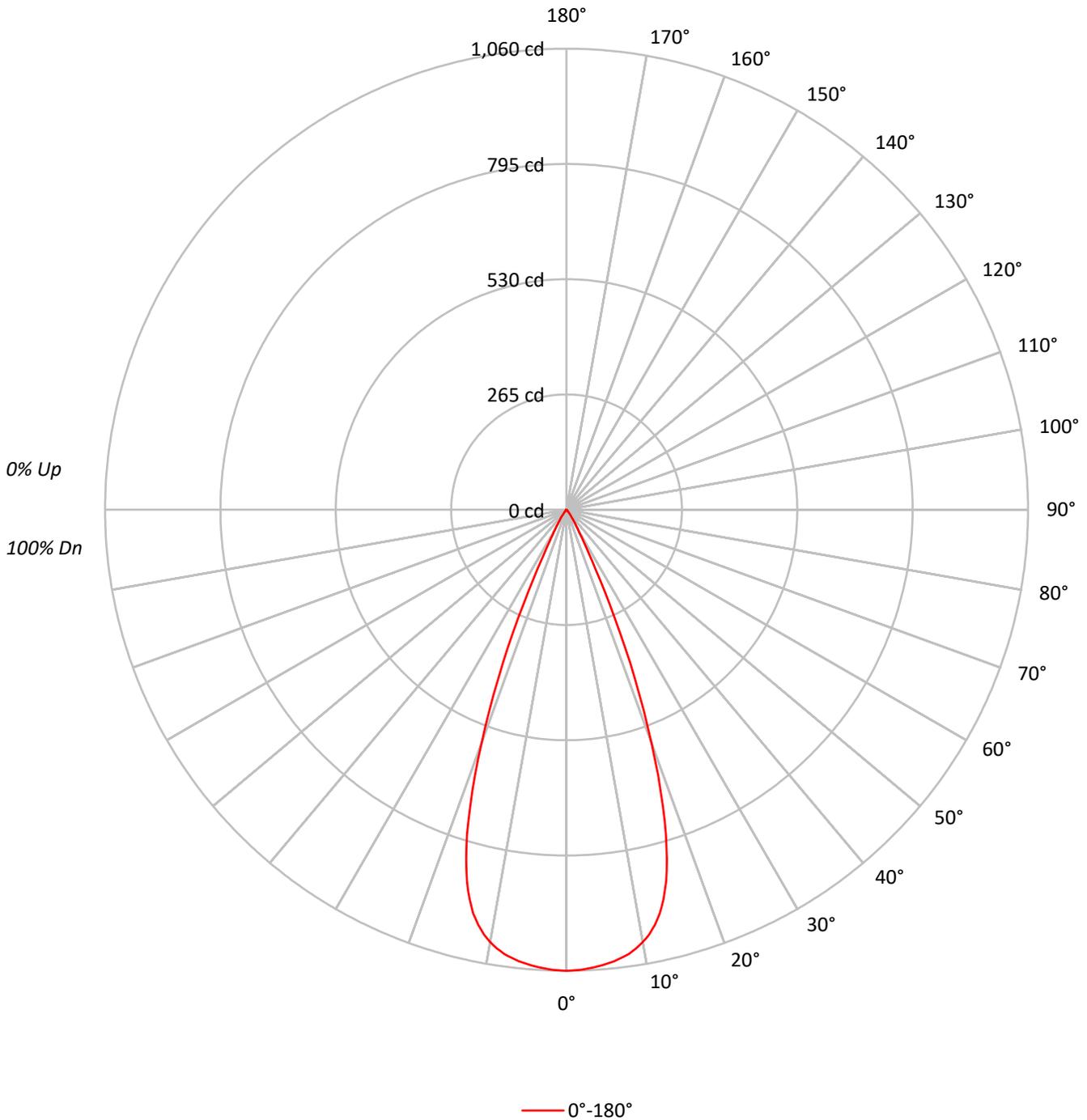
Test Method: LM-79-2019  
Report Number: P1286148  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R409030D2WDE010 E3D1H  
Description: 3in Adjustable Dim to Warm LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3D1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 456.0 lumens  
Efficiency: N/A  
Efficacy: 63.3 lumens/watt  
Spacing Criteria (0/90/45): 0.7 / 0.7 / 0.6  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
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	115	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98	96				96
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94	92				92
3	107	102	98	95	105	100	97	94	98	95	93	96	93	91	93	91	90	88				88
4	103	97	93	90	101	96	92	89	94	91	88	92	89	87	90	88	86	85				85
5	99	93	89	85	98	92	88	85	91	87	84	89	86	84	88	85	83	82				82
6	96	89	85	81	95	89	84	81	87	83	81	86	83	80	85	82	80	79				79
7	93	86	81	78	92	85	81	78	84	80	77	83	80	77	82	79	77	76				76
8	90	83	78	75	89	82	78	75	81	77	75	80	77	74	79	76	74	73				73
9	87	80	75	72	86	79	75	72	78	75	72	78	74	72	77	74	71	70				70
10	84	77	72	70	83	77	72	69	76	72	69	75	72	69	74	71	69	68				68

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

	0°
0°	232438
5°	230750
10°	224712
15°	200728
20°	133105
25°	49866
30°	13344
35°	5220
40°	1861
45°	899
50°	273
55°	115
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 899 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	98.9	21.7
10°-20°	234.3	51.4
20°-30°	106.2	23.3
30°-40°	13.8	3.0
40°-50°	2.4	0.5
50°-60°	0.3	0.1
60°-70°	0.1	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°	439.5	96.4
0°-40°	453.2	99.4
0°-60°	455.9	100.0
0°-90°	456.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	456.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1060	
5°	1048	99
15°	884	234
25°	206	106
35°	20	14
45°	3	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1060.0
1°	1059.3
2°	1057.7
3°	1055.4
4°	1052.3
5°	1048.3
6°	1043.7
7°	1038.0
8°	1030.9
9°	1021.4
10°	1009.2
11°	995.0
12°	976.0
13°	952.5
14°	921.9
15°	884.2
16°	836.2
17°	781.4
18°	715.6
19°	646.2
20°	570.4
21°	494.6
22°	419.8
23°	345.5
24°	272.3
25°	206.1
26°	152.6
27°	111.7
28°	84.0
29°	65.3
30°	52.7
31°	43.6
32°	36.4
32.5°	33.2
33°	30.0
34°	24.4
35°	19.5
36°	15.3
37°	12.1
37.5°	10.9
38°	9.6
39°	8.0
40°	6.5
42.5°	4.3
45°	2.9



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	1.8
50°	0.8
52.5°	0.3
55°	0.3
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2
67.5°	0.0
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)