

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: P1258807

Luminaire Tested: P3AS02R259050DE010 E3D1LI

Issue Date: 1/29/2026

**Test Information**

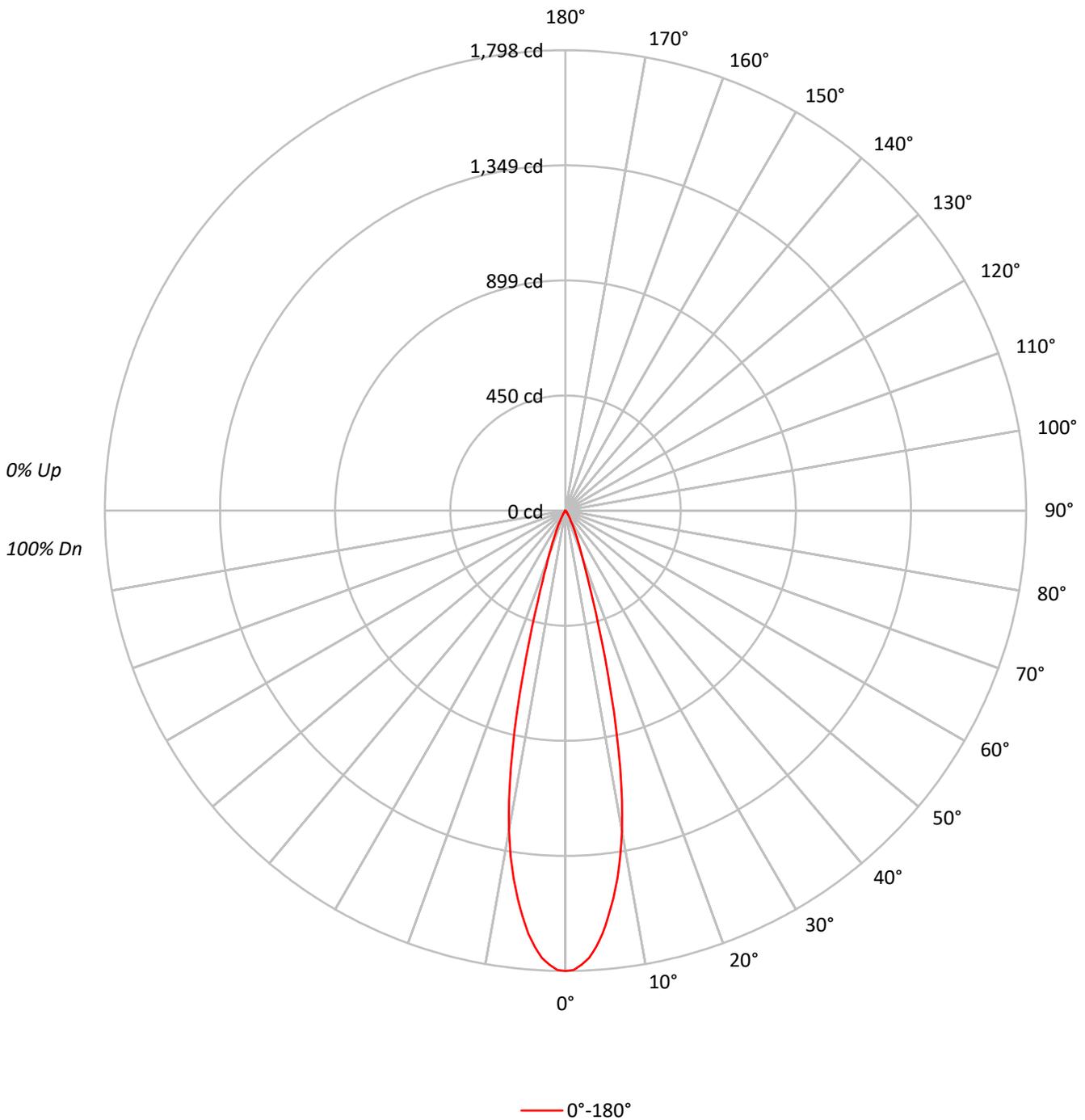
Test Method: LM-79-2019  
Report Number: P1258807  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R259050DE010 E3D1LI  
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3D1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 360.0 lumens  
Efficiency: N/A  
Efficacy: 100.0 lumens/watt  
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 3.6  
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

TEST NUMBER: P1258807  
CATALOG NUMBER: P3AS02R259050DE010 E3D1LI

### 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	110	113	111	110	108	107	106	105	104	103	102	100	99	99	97	97	97	97
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	94	94	94
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92	92
4	106	101	97	94	104	100	96	94	98	95	92	96	93	91	94	92	90	89	89	89	89
5	103	97	93	91	101	96	93	90	95	92	90	93	91	89	92	90	88	87	87	87	87
6	100	94	90	88	99	94	90	87	92	89	87	91	88	86	90	88	86	85	85	85	85
7	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	86	84	83	83	83	83
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82	81	81	81	81
9	93	87	83	81	92	87	83	80	86	83	80	85	82	80	84	82	80	79	79	79	79
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	83	80	78	77	77	77	77

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

	0°
0°	394267
5°	365242
10°	282582
15°	134961
20°	44501
25°	18751
30°	7267
35°	3132
40°	1059
45°	496
50°	171
55°	115
60°	44
65°	52
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 496 cd/sqm



TEST NUMBER: P1258807

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	145.8	40.5
10°-20°	165.9	46.1
20°-30°	38.5	10.7
30°-40°	8.1	2.2
40°-50°	1.3	0.4
50°-60°	0.2	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°	350.3	97.3
0°-40°	358.3	99.6
0°-60°	359.9	100.0
0°-90°	360.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	360.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1798	
5°	1659	146
15°	594	166
25°	78	39
35°	12	8
45°	2	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1798.0
1°	1794.3
2°	1775.7
3°	1749.4
4°	1709.4
5°	1659.3
6°	1594.9
7°	1527.6
8°	1452.0
9°	1366.7
10°	1269.1
11°	1155.9
12°	1026.1
13°	883.8
14°	735.0
15°	594.5
16°	470.3
17°	366.4
18°	288.2
19°	230.5
20°	190.7
21°	159.4
22°	133.8
23°	111.7
24°	93.5
25°	77.5
27.5°	45.9
30°	28.7
32.5°	18.4
35°	11.7
37.5°	7.0
40°	3.7
42.5°	2.3
45°	1.6
47.5°	0.9
50°	0.5
52.5°	0.3
55°	0.3
57.5°	0.1
60°	0.1
62.5°	0.1
65°	0.1
67.5°	0.1
70°	0.0
72.5°	0.0



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**CANDELA DISTRIBUTION (continued):**

	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)