

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: P1265001

Luminaire Tested: P3A13R209730DE010 E3D1WMH

Issue Date: 1/29/2026

**Test Information**

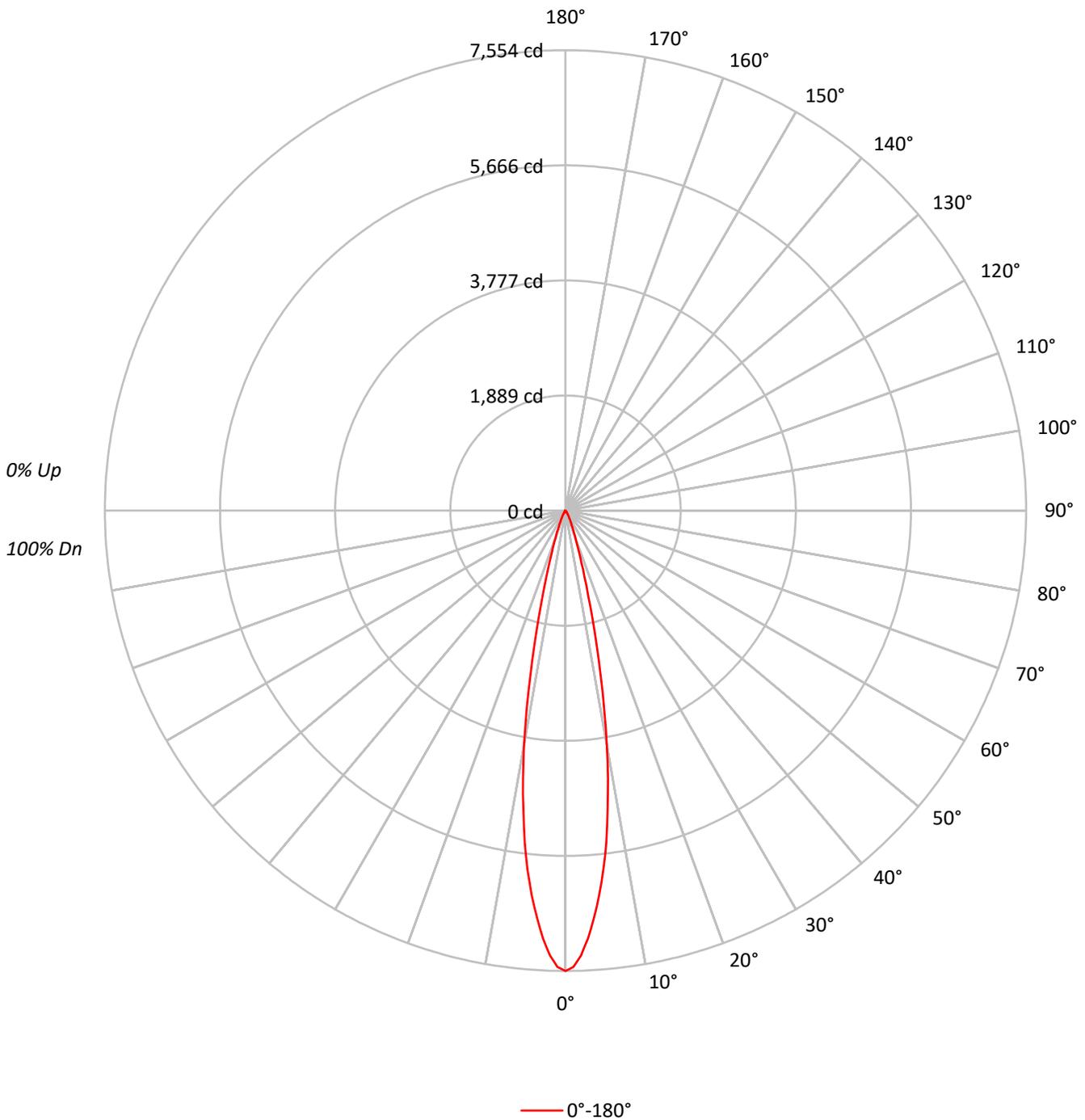
Test Method: LM-79-2019  
Report Number: P1265001  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R209730DE010 E3D1WMH  
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3D1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1092.0 lumens  
Efficiency: N/A  
Efficacy: 74.8 lumens/watt  
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34  
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	99	100
1	115	114	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97	97	97	97
2	112	109	106	104	110	107	105	103	104	102	101	101	100	98	99	98	96	95	99	98	96
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	93	97	95	94
4	106	101	98	95	105	100	97	95	99	96	94	97	95	93	95	93	92	91	95	93	92
5	104	98	95	92	102	98	94	92	96	93	91	95	92	90	93	91	90	89	93	91	90
6	101	96	92	89	100	95	92	89	94	91	89	93	90	88	92	89	88	87	92	89	88
7	99	93	90	87	98	93	89	87	92	89	86	91	88	86	90	87	86	85	90	87	86
8	97	91	87	85	96	91	87	85	90	87	85	89	86	84	88	86	84	83	88	86	84
9	95	89	85	83	94	89	85	83	88	85	83	87	84	83	87	84	82	81	87	84	82
10	93	87	84	81	92	87	83	81	86	83	81	86	83	81	85	83	81	80	85	83	81

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

	0°
0°	1656468
5°	1394670
10°	871104
15°	325677
20°	111776
25°	46599
30°	21953
35°	9824
40°	4637
45°	2388
50°	887
55°	153
60°	175
65°	208
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2388 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	526.9	48.3
10°-20°	434.0	39.7
20°-30°	98.6	9.0
30°-40°	25.1	2.3
40°-50°	6.3	0.6
50°-60°	0.8	0.1
60°-70°	0.2	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°	1059.5	97.0
0°-40°	1084.6	99.3
0°-60°	1091.7	100.0
0°-90°	1092.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1092.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	7554	
5°	6336	527
15°	1435	434
25°	193	99
35°	37	25
45°	8	6
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	7554.1
1°	7490.1
2°	7301.4
3°	7030.7
4°	6698.5
5°	6336.0
6°	5932.1
7°	5486.4
8°	4966.4
9°	4451.0
10°	3912.2
11°	3338.8
12°	2766.2
13°	2281.2
14°	1817.6
15°	1434.6
16°	1132.3
17°	893.2
18°	717.7
19°	583.6
20°	479.0
21°	400.5
22°	334.3
23°	277.9
24°	231.8
25°	192.6
27.5°	126.0
30°	86.7
32.5°	53.4
35°	36.7
37.5°	23.5
40°	16.2
42.5°	11.1
45°	7.7
47.5°	5.1
50°	2.6
52.5°	1.3
55°	0.4
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4
67.5°	0.0
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)