

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: P1267953

Luminaire Tested: P3A17R609735DE010 E3D1MW

Issue Date: 1/30/2026

**Test Information**

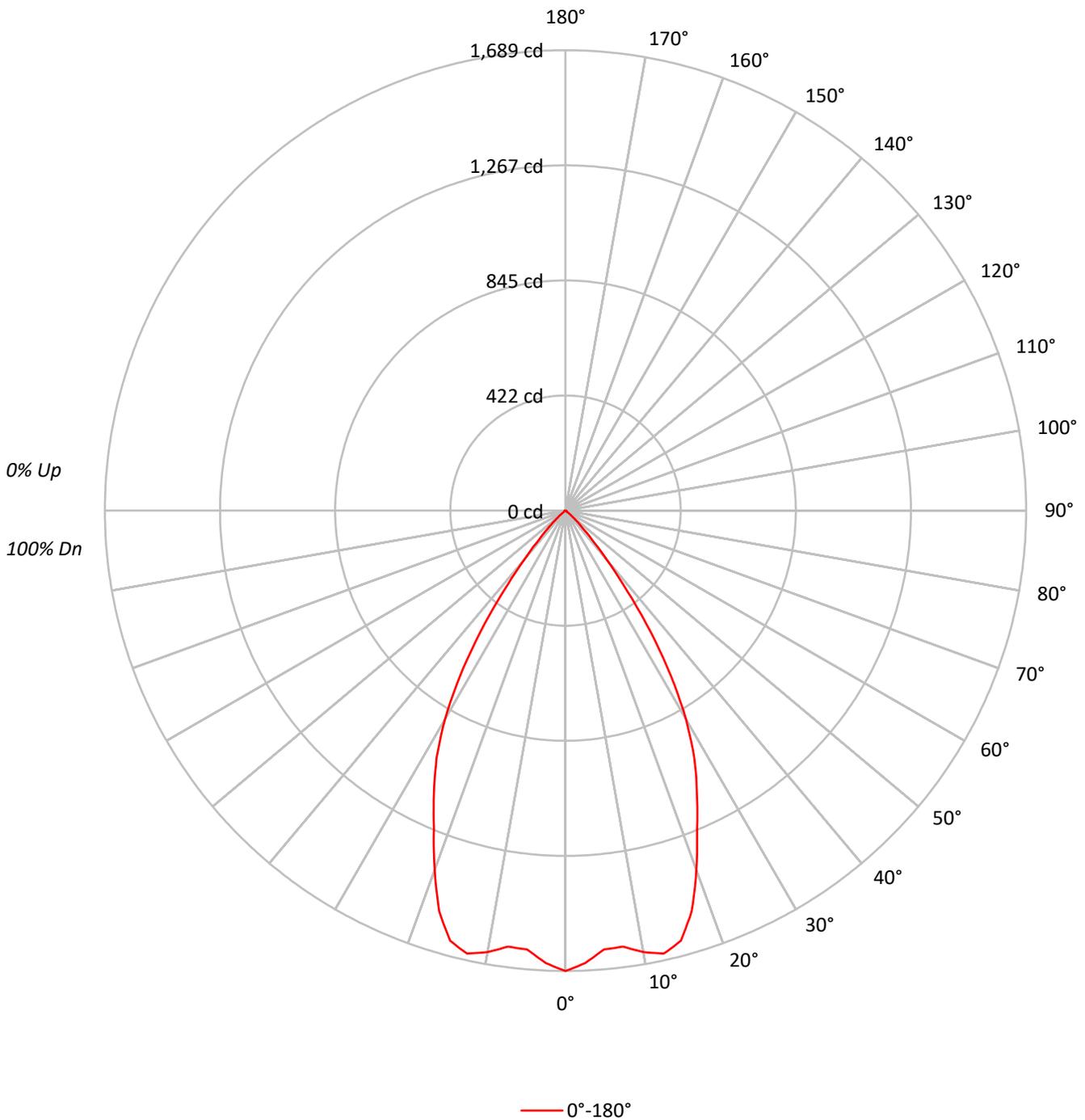
Test Method: LM-79-2019  
Report Number: P1267953  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R609735DE010 E3D1MW  
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 97CRI , E3D1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1551.0 lumens  
Efficiency: N/A  
Efficacy: 73.2 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 21.2  
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				
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	114	111	108	106	111	109	106	104	105	103	101	101	100	98	97	96	95	94			94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87			87
3	103	96	91	88	101	95	90	87	92	89	85	90	87	84	88	85	83	81			81
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	77	76			76
5	93	84	79	74	91	84	78	74	82	77	73	80	76	73	79	75	72	71			71
6	88	79	73	69	87	79	73	69	77	72	68	76	71	68	74	70	68	66			66
7	84	75	69	64	82	74	68	64	73	68	64	71	67	64	70	66	63	62			62
8	80	70	64	60	78	70	64	60	69	64	60	68	63	60	67	62	59	58			58
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55			55
10	72	63	57	53	71	62	57	53	62	56	53	61	56	53	60	56	53	51			51

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

	0°
0°	370365
5°	355667
10°	366192
15°	370899
20°	327512
25°	276016
30°	223857
35°	145785
40°	66954
45°	25677
50°	8597
55°	2294
60°	2105
65°	1868
70°	1539
75°	2033
80°	1515
85°	3019

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 25677 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	155.5	10.0
10°-20°	447.4	28.8
20°-30°	521.9	33.6
30°-40°	336.8	21.7
40°-50°	75.5	4.9
50°-60°	7.5	0.5
60°-70°	3.6	0.2
70°-80°	2.1	0.1
80°-90°	0.8	0.1
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°	1124.8	72.5
0°-40°	1461.6	94.2
0°-60°	1544.6	99.6
0°-90°	1551.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1551.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1689	
5°	1616	156
15°	1634	447
25°	1141	522
35°	545	337
45°	83	75
55°	6	8
65°	4	4
75°	2	2
85°	1	1
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1689.0
2.5°	1661.4
5°	1615.8
7.5°	1613.4
10°	1644.6
12.5°	1665.0
15°	1633.8
17.5°	1540.3
20°	1403.5
22.5°	1260.8
25°	1140.8
27.5°	1023.3
30°	884.1
32.5°	721.0
35°	544.6
37.5°	371.9
40°	233.9
42.5°	140.4
45°	82.8
47.5°	48.0
50°	25.2
52.5°	8.4
55°	6.0
57.5°	4.8
60°	4.8
62.5°	3.6
65°	3.6
67.5°	3.6
70°	2.4
72.5°	2.4
75°	2.4
77.5°	1.2
80°	1.2
82.5°	1.2
85°	1.2
87.5°	0.0
90°	0.0

(END OF REPORT)