

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: P1247270

Luminaire Tested: P3A17R309024DE010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

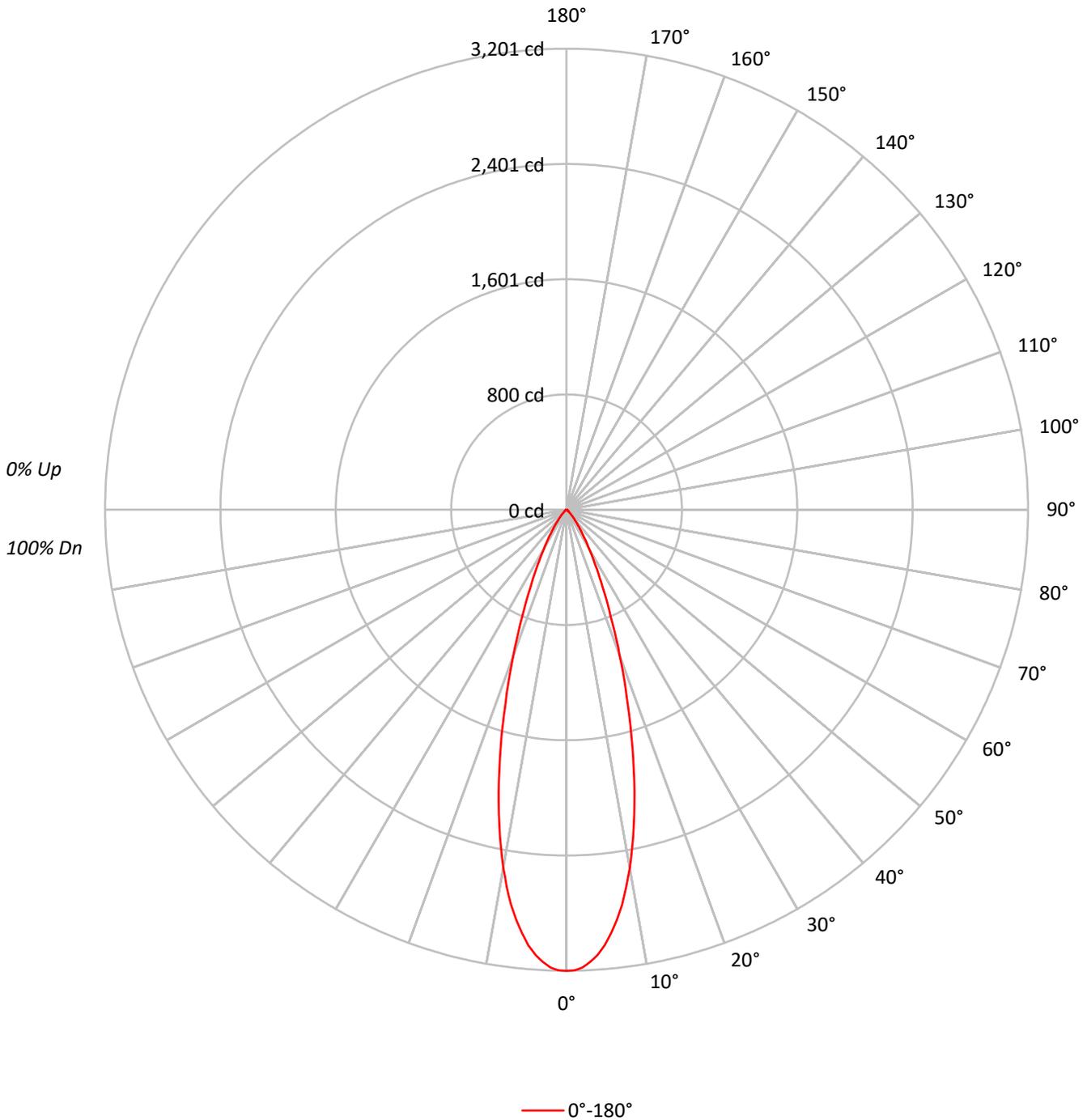
Test Method: LM-79-2019  
Report Number: P1247270  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R309024DE010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1203.0 lumens  
Efficiency: N/A  
Efficacy: 56.7 lumens/watt  
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54  
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	99	98	97	95
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	93	92	90
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	91	89	87	86
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	91	89	87	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	88	85	83	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	85	82	79	78
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	81	78	76	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	79	75	73	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	76	72	70	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	73	70	67	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	71	67	65	63

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

	0°
0°	701983
5°	668147
10°	562003
15°	405292
20°	251392
25°	142968
30°	79430
35°	43206
40°	22786
45°	12342
50°	6584
55°	4358
60°	3991
65°	4151
70°	3654
75°	2881
80°	2904
85°	2768

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 12342 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	273.3	22.7
10°-20°	485.8	40.4
20°-30°	280.8	23.3
30°-40°	106.6	8.9
40°-50°	32.7	2.7
50°-60°	11.0	0.9
60°-70°	7.5	0.6
70°-80°	4.0	0.3
80°-90°	1.2	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°	1040.0	86.4
0°-40°	1146.5	95.3
0°-60°	1190.3	98.9
0°-90°	1203.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1203.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	3201	
5°	3035	273
15°	1785	486
25°	591	281
35°	161	107
45°	40	33
55°	11	11
65°	8	7
75°	3	4
85°	1	1
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	3201.3
1°	3199.0
2°	3179.7
3°	3143.4
4°	3097.9
5°	3035.4
6°	2955.9
7°	2867.2
8°	2768.3
9°	2650.2
10°	2524.0
11°	2387.6
12°	2243.3
13°	2092.2
14°	1938.7
15°	1785.3
17.5°	1408.0
20°	1077.3
22.5°	798.9
25°	590.9
27.5°	429.6
30°	313.7
32.5°	226.1
35°	161.4
37.5°	112.5
40°	79.6
42.5°	55.7
45°	39.8
47.5°	27.3
50°	19.3
52.5°	13.6
55°	11.4
57.5°	10.2
60°	9.1
62.5°	8.0
65°	8.0
67.5°	6.8
70°	5.7
72.5°	4.5
75°	3.4
77.5°	3.4
80°	2.3
82.5°	2.3
85°	1.1
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)