

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: P1263033

Luminaire Tested: P3A17R309727DE010 E3DLD1H

Issue Date: 1/30/2026

**Test Information**

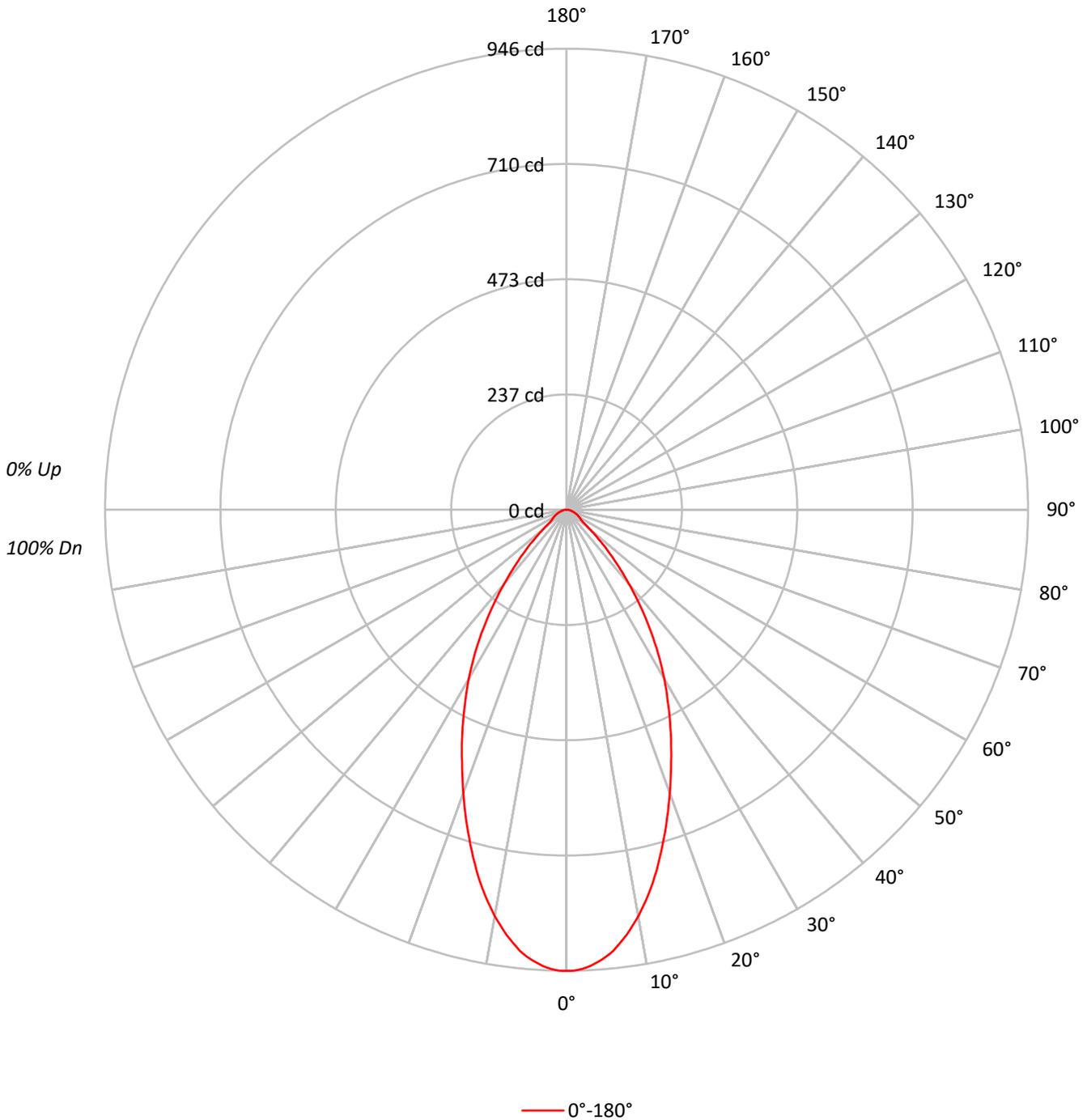
Test Method: LM-79-2019  
Report Number: P1263033  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R309727DE010 E3DLD1H  
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3DLD1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 878.0 lumens  
Efficiency: N/A  
Efficacy: 41.4 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85  
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	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76			76
4	94	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70			70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			45

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

	0°
0°	207440
5°	202773
10°	188551
15°	167788
20°	144306
25°	122257
30°	101484
35°	79612
40°	57050
45°	37430
50°	21321
55°	13992
60°	13245
65°	12297
70°	11028
75°	10082
80°	9471
85°	8051

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 37430 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	85.5	9.7
10°-20°	205.5	23.4
20°-30°	231.6	26.4
30°-40°	184.9	21.1
40°-50°	95.0	10.8
50°-60°	35.8	4.1
60°-70°	23.4	2.7
70°-80°	12.6	1.4
80°-90°	3.7	0.4
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°	522.5	59.5
0°-40°	707.5	80.6
0°-60°	838.3	95.5
0°-90°	878.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	878.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	946	
5°	921	86
15°	739	205
25°	505	232
35°	297	185
45°	121	95
55°	37	36
65°	24	23
75°	12	13
85°	3	4
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	946.0
1°	946.0
2°	942.7
3°	937.3
4°	929.8
5°	921.2
6°	910.4
7°	896.4
8°	881.3
9°	864.1
10°	846.8
11°	827.4
12°	807.0
13°	785.4
14°	762.8
15°	739.1
17.5°	678.8
20°	618.4
22.5°	560.2
25°	505.3
27.5°	451.4
30°	400.8
32.5°	349.1
35°	297.4
37.5°	246.7
40°	199.3
42.5°	157.3
45°	120.7
47.5°	89.4
50°	62.5
52.5°	44.2
55°	36.6
57.5°	33.4
60°	30.2
62.5°	26.9
65°	23.7
67.5°	20.5
70°	17.2
72.5°	14.0
75°	11.9
77.5°	9.7
80°	7.5
82.5°	5.4
85°	3.2
87.5°	1.1



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)