

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: P1263097

Luminaire Tested: P3AS17R409727DE010 E3DLD1WMH

Issue Date: 1/30/2026

**Test Information**

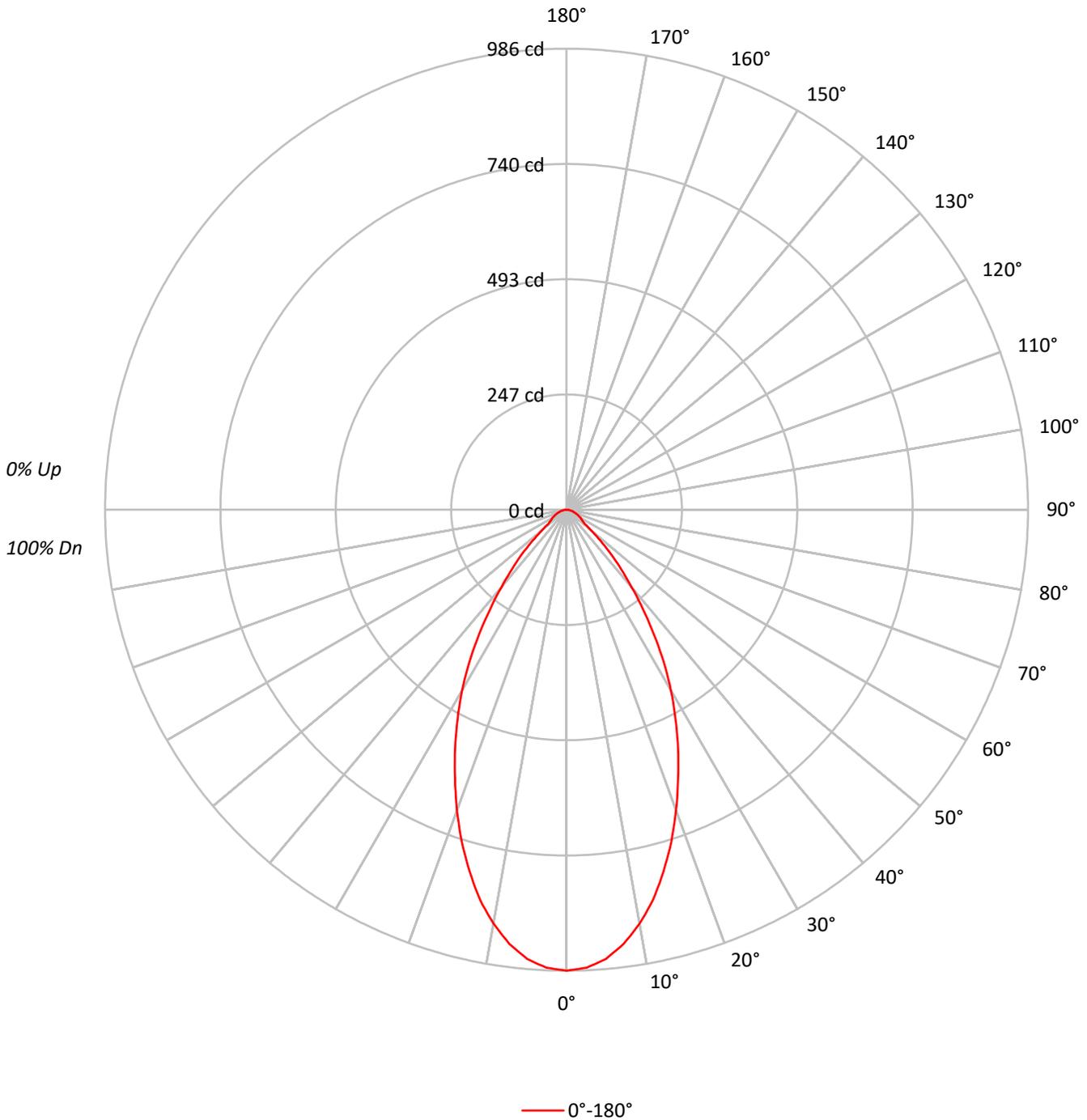
Test Method: LM-79-2019  
Report Number: P1263097  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R409727DE010 E3DLD1WMH  
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 97CRI , E3DLD1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 963.0 lumens  
Efficiency: N/A  
Efficacy: 45.4 lumens/watt  
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 21.2  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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				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	104	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69				69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55				55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51				51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48				48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45				45

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

	0°
0°	216167
5°	212260
10°	200085
15°	181726
20°	159661
25°	136339
30°	112929
35°	87107
40°	62002
45°	41772
50°	22788
55°	16057
60°	15130
65°	13957
70°	12438
75°	11861
80°	9471
85°	8051

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 41772 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	89.9	9.3
10°-20°	223.0	23.2
20°-30°	257.8	26.8
30°-40°	203.2	21.1
40°-50°	104.3	10.8
50°-60°	39.9	4.1
60°-70°	26.4	2.7
70°-80°	14.4	1.5
80°-90°	4.3	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°	570.7	59.3
0°-40°	773.9	80.4
0°-60°	918.0	95.3
0°-90°	963.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	963.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	986	
5°	964	90
15°	800	223
25°	564	258
35°	325	203
45°	135	104
55°	42	40
65°	27	26
75°	14	14
85°	3	4
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	985.8
2.5°	980.4
5°	964.3
7.5°	936.3
10°	898.6
12.5°	854.4
15°	800.5
17.5°	744.5
20°	684.2
22.5°	622.7
25°	563.5
27.5°	504.2
30°	446.0
32.5°	386.8
35°	325.4
37.5°	268.3
40°	216.6
42.5°	172.4
45°	134.7
47.5°	98.0
50°	66.8
52.5°	48.5
55°	42.0
57.5°	37.7
60°	34.5
62.5°	30.2
65°	26.9
67.5°	22.6
70°	19.4
72.5°	16.2
75°	14.0
77.5°	10.8
80°	7.5
82.5°	6.5
85°	3.2
87.5°	2.2
90°	0.0

(END OF REPORT)