

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: P1262624

Luminaire Tested: P3AS13R209727DE010 E3DL1H

Issue Date: 1/30/2026

**Test Information**

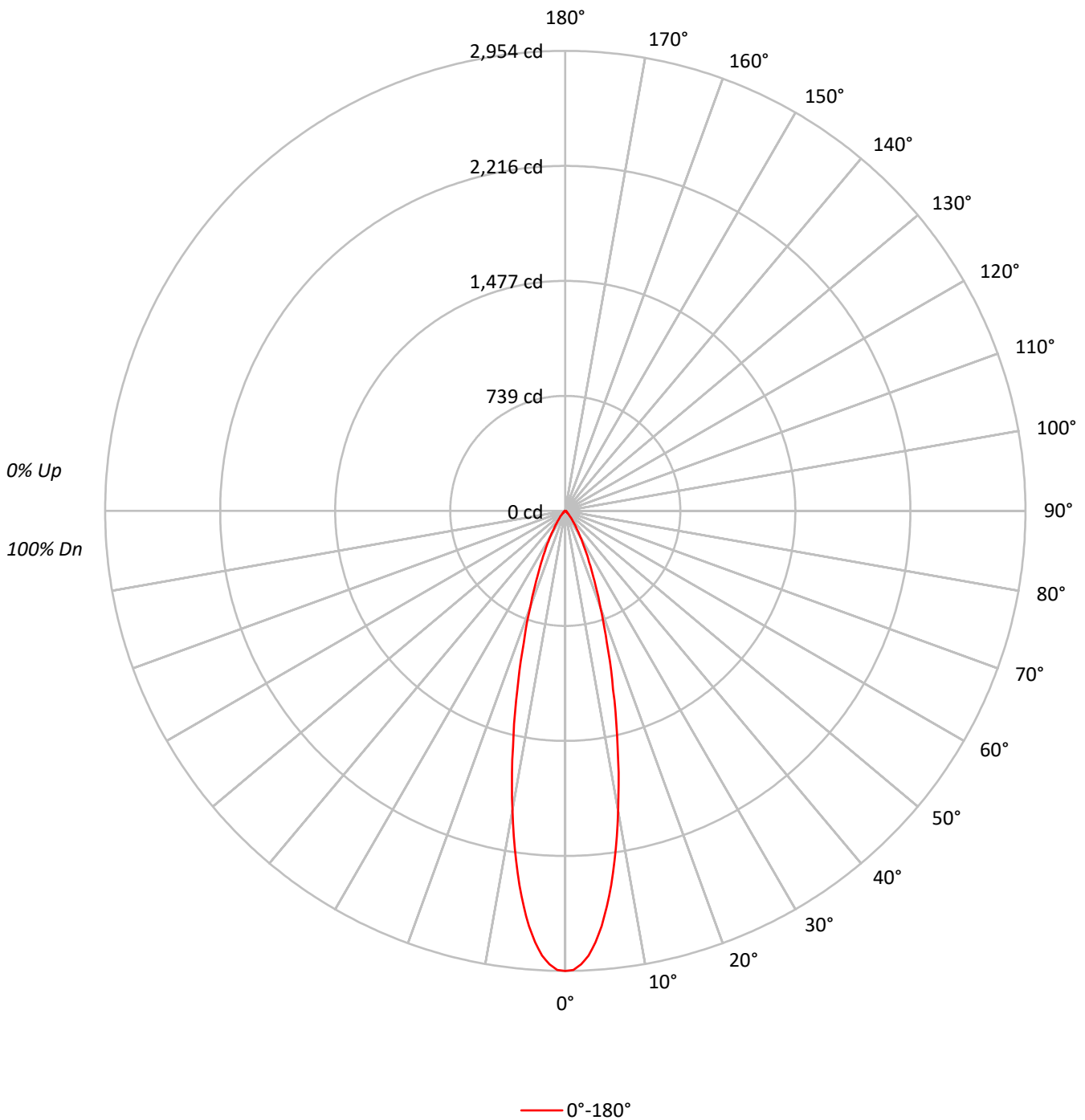
Test Method: LM-79-2019  
Report Number: P1262624  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R209727DE010 E3DL1H  
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 97CRI , E3DL1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 841.9 lumens  
Efficiency: N/A  
Efficacy: 57.7 lumens/watt  
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46  
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			
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95			
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91			
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87			
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	83			
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79			
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76			
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	73			
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	78	74	72	71			
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69	68			
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	66			

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

	0°
0°	647821
5°	588882
10°	435218
15°	269241
20°	153757
25°	87779
30°	49223
35°	26769
40°	14656
45°	8063
50°	4708
55°	3403
60°	3201
65°	2958
70°	2629
75°	2796
80°	2020
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 8063 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	231.7	27.5
10°-20°	330.7	39.3
20°-30°	172.6	20.5
30°-40°	66.7	7.9
40°-50°	21.6	2.6
50°-60°	8.5	1.0
60°-70°	5.6	0.7
70°-80°	3.3	0.4
80°-90°	1.1	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°	735.0	87.3
0°-40°	801.7	95.2
0°-60°	831.9	98.8
0°-90°	841.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	841.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2954	
5°	2675	232
15°	1186	331
25°	363	173
35°	100	67
45°	26	22
55°	9	9
65°	6	6
75°	3	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2954.3
1°	2948.6
2°	2913.6
3°	2860.0
4°	2777.0
5°	2675.3
6°	2554.9
7°	2421.5
8°	2267.0
9°	2116.5
10°	1954.6
12.5°	1553.6
15°	1186.0
17.5°	887.4
20°	658.9
22.5°	488.0
25°	362.8
27.5°	267.6
30°	194.4
32.5°	140.7
35°	100.0
37.5°	72.4
40°	51.2
42.5°	36.6
45°	26.0
47.5°	18.7
50°	13.8
52.5°	10.6
55°	8.9
57.5°	8.1
60°	7.3
62.5°	6.5
65°	5.7
67.5°	4.9
70°	4.1
72.5°	4.1
75°	3.3
77.5°	2.4
80°	1.6
82.5°	1.6
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)