

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: P1274134

Luminaire Tested: P3AS13R509830DE010 E3DL1LI

Issue Date: 1/30/2026

**Test Information**

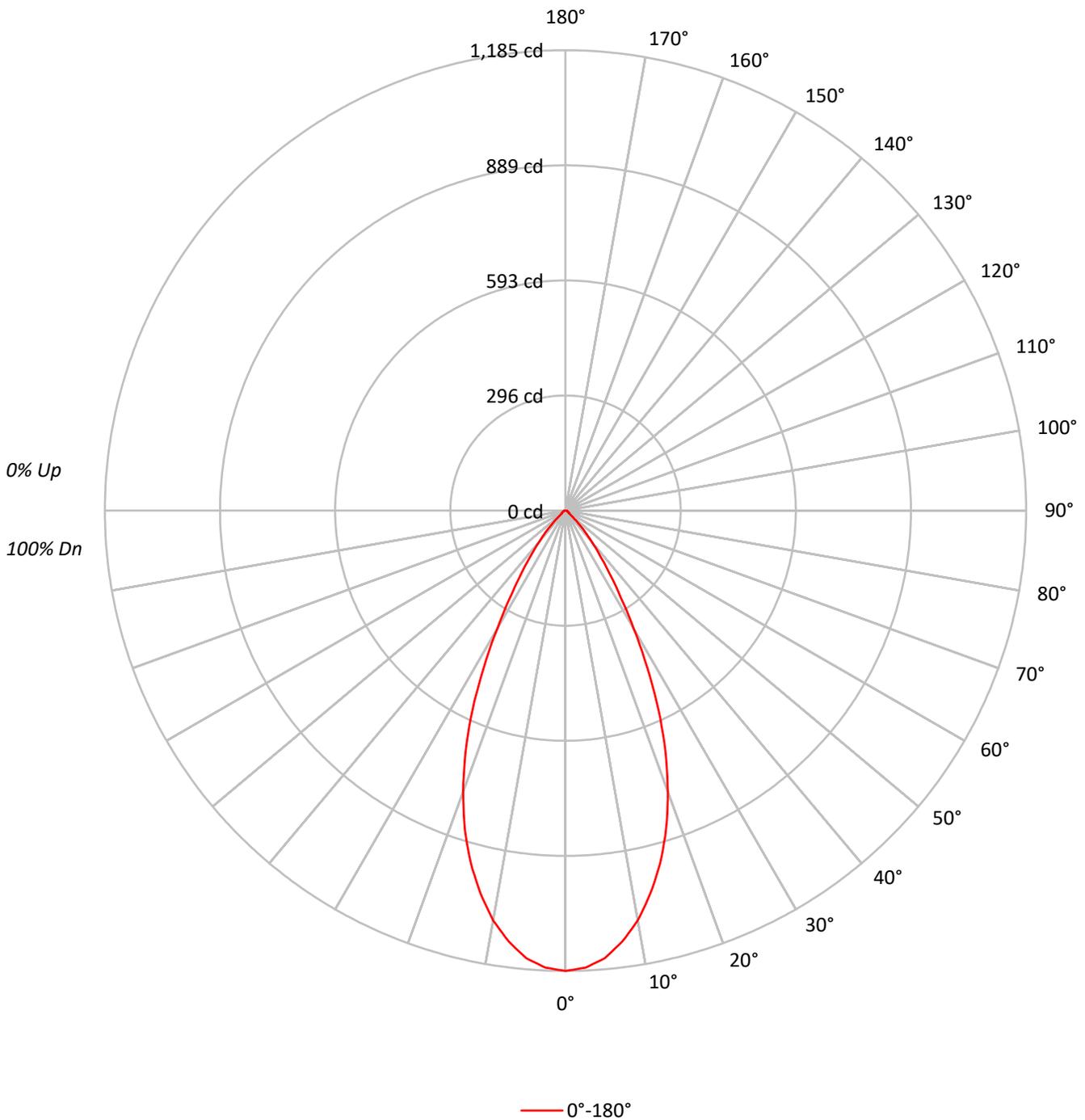
Test Method: LM-79-2019  
Report Number: P1274134  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R509830DE010 E3DL1LI  
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 98CRI , E3DL1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 816.0 lumens  
Efficiency: N/A  
Efficacy: 56.3 lumens/watt  
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.5  
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				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	99	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	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	82				82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	80	78	76				76
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72				72
6	89	80	75	71	88	80	74	70	78	73	70	77	73	69	75	72	69	67				67
7	85	76	70	66	84	75	70	66	74	69	66	73	69	65	72	68	65	64				64
8	81	72	66	62	80	71	66	62	70	65	62	69	65	62	68	64	61	60				60
9	78	68	63	59	76	68	62	59	67	62	59	66	62	58	65	61	58	57				57
10	74	65	59	56	73	65	59	56	64	59	55	63	58	55	62	58	55	54				54

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

	0°
0°	259804
5°	254567
10°	238450
15°	213463
20°	179636
25°	137089
30°	89102
35°	52816
40°	30543
45°	15288
50°	5697
55°	4435
60°	4122
65°	3788
70°	3719
75°	3728
80°	3662
85°	3774

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 15288 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	107.6	13.2
10°-20°	260.0	31.9
20°-30°	255.1	31.3
30°-40°	128.5	15.7
40°-50°	40.6	5.0
50°-60°	10.5	1.3
60°-70°	7.4	0.9
70°-80°	4.6	0.6
80°-90°	1.6	0.2
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°	622.7	76.3
0°-40°	751.2	92.1
0°-60°	802.4	98.3
0°-90°	816.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	816.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1185	
5°	1156	108
15°	940	260
25°	567	255
35°	197	129
45°	49	41
55°	12	11
65°	7	7
75°	4	5
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1184.8
2.5°	1177.5
5°	1156.5
7.5°	1118.8
10°	1070.9
12.5°	1009.2
15°	940.3
17.5°	860.5
20°	769.8
22.5°	671.8
25°	566.6
27.5°	454.9
30°	351.9
32.5°	264.8
35°	197.3
37.5°	145.8
40°	106.7
42.5°	75.5
45°	49.3
47.5°	28.3
50°	16.7
52.5°	12.3
55°	11.6
57.5°	10.2
60°	9.4
62.5°	8.7
65°	7.3
67.5°	6.5
70°	5.8
72.5°	5.1
75°	4.4
77.5°	3.6
80°	2.9
82.5°	2.2
85°	1.5
87.5°	0.7
90°	0.0

(END OF REPORT)