

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: P1297763

Luminaire Tested: P3AS13R50W2N902765DE010 E3DL1GPH\_3000K

Issue Date: 1/30/2026

**Test Information**

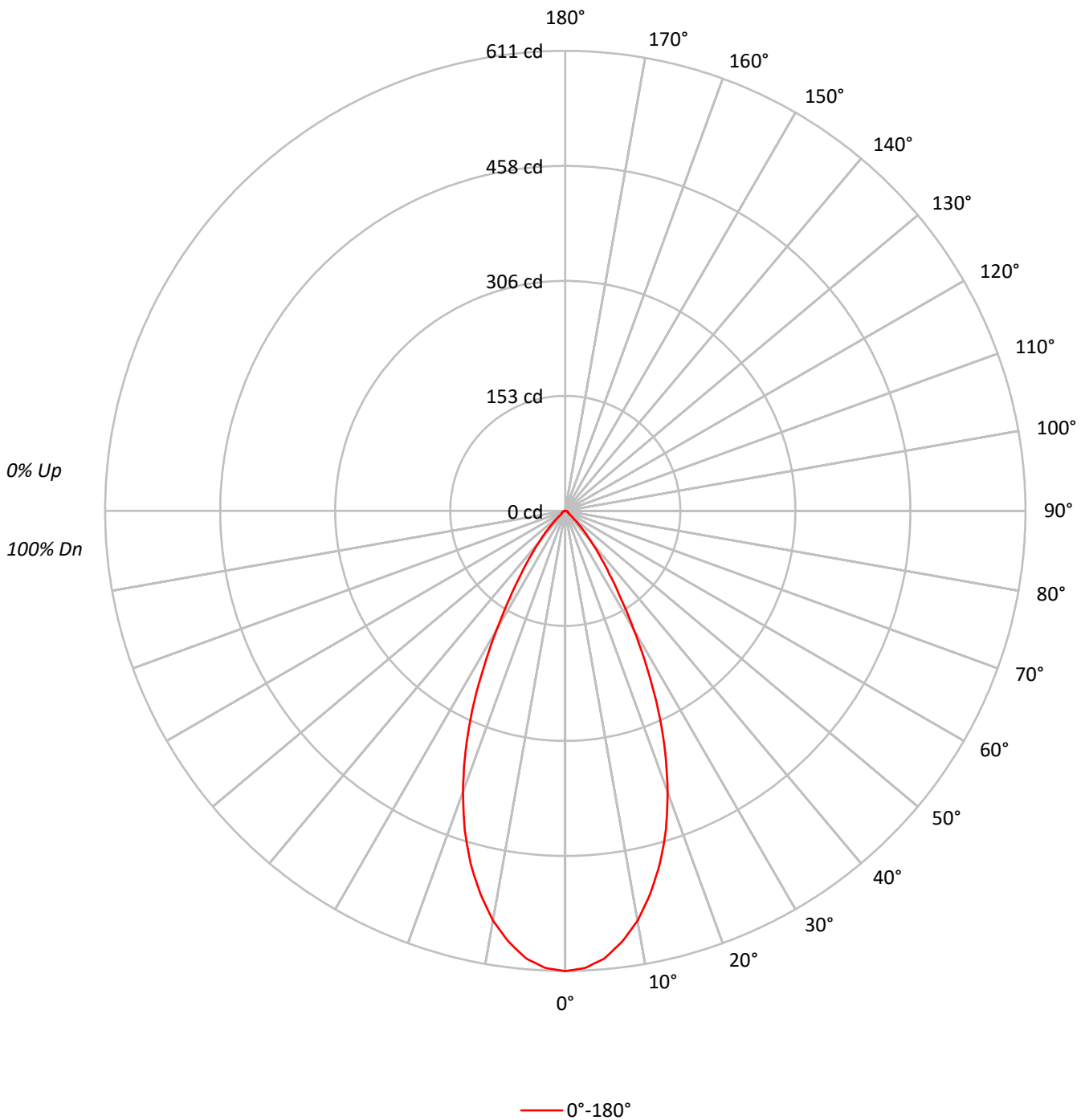
Test Method: LM-79-2019  
Report Number: P1297763  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R50W2N902765DE010 E3DL1GPH\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 3000K CCT AND, 90CRI ,  
E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 421.0 lumens  
Efficiency: N/A  
Efficacy: 34.2 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): 12.3  
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	100	100
1	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94	94	94	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87	87	87	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	82	82	82	82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	80	78	76	76	76	76
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72	72	72	72
6	89	80	75	71	88	80	74	70	78	73	70	77	73	69	75	72	69	67	67	67	67
7	85	76	70	66	84	75	70	66	74	69	66	73	69	65	72	68	65	64	64	64	64
8	81	72	66	62	80	71	66	62	70	65	62	69	65	62	68	64	61	60	60	60	60
9	78	68	63	59	76	68	62	59	67	62	59	66	62	58	65	61	58	57	57	57	57
10	74	65	59	56	73	65	59	56	64	59	55	63	58	55	62	58	55	54	54	54	54

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

	0°
0°	134046
5°	131345
10°	123022
15°	110125
20°	92688
25°	70722
30°	45956
35°	27251
40°	15744
45°	7908
50°	2934
55°	2294
60°	2149
65°	1920
70°	1923
75°	1864
80°	1894
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 7908 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	55.5	13.2
10°-20°	134.2	31.9
20°-30°	131.6	31.3
30°-40°	66.3	15.7
40°-50°	21.0	5.0
50°-60°	5.4	1.3
60°-70°	3.8	0.9
70°-80°	2.4	0.6
80°-90°	0.8	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°	321.3	76.3
0°-40°	387.6	92.1
0°-60°	413.9	98.3
0°-90°	421.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	421.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	611	
5°	597	56
15°	485	134
25°	292	132
35°	102	66
45°	26	21
55°	6	5
65°	4	4
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	611.3
2.5°	607.5
5°	596.7
7.5°	577.2
10°	552.5
12.5°	520.7
15°	485.1
17.5°	443.9
20°	397.2
22.5°	346.6
25°	292.3
27.5°	234.7
30°	181.5
32.5°	136.6
35°	101.8
37.5°	75.2
40°	55.0
42.5°	38.9
45°	25.5
47.5°	14.6
50°	8.6
52.5°	6.4
55°	6.0
57.5°	5.2
60°	4.9
62.5°	4.5
65°	3.7
67.5°	3.4
70°	3.0
72.5°	2.6
75°	2.2
77.5°	1.9
80°	1.5
82.5°	1.1
85°	0.7
87.5°	0.4
90°	0.0

(END OF REPORT)