

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: P1297802

Luminaire Tested: P3AS13R50W2N902765DE010 E3DLD1GPH\_5000K

Issue Date: 1/30/2026

**Test Information**

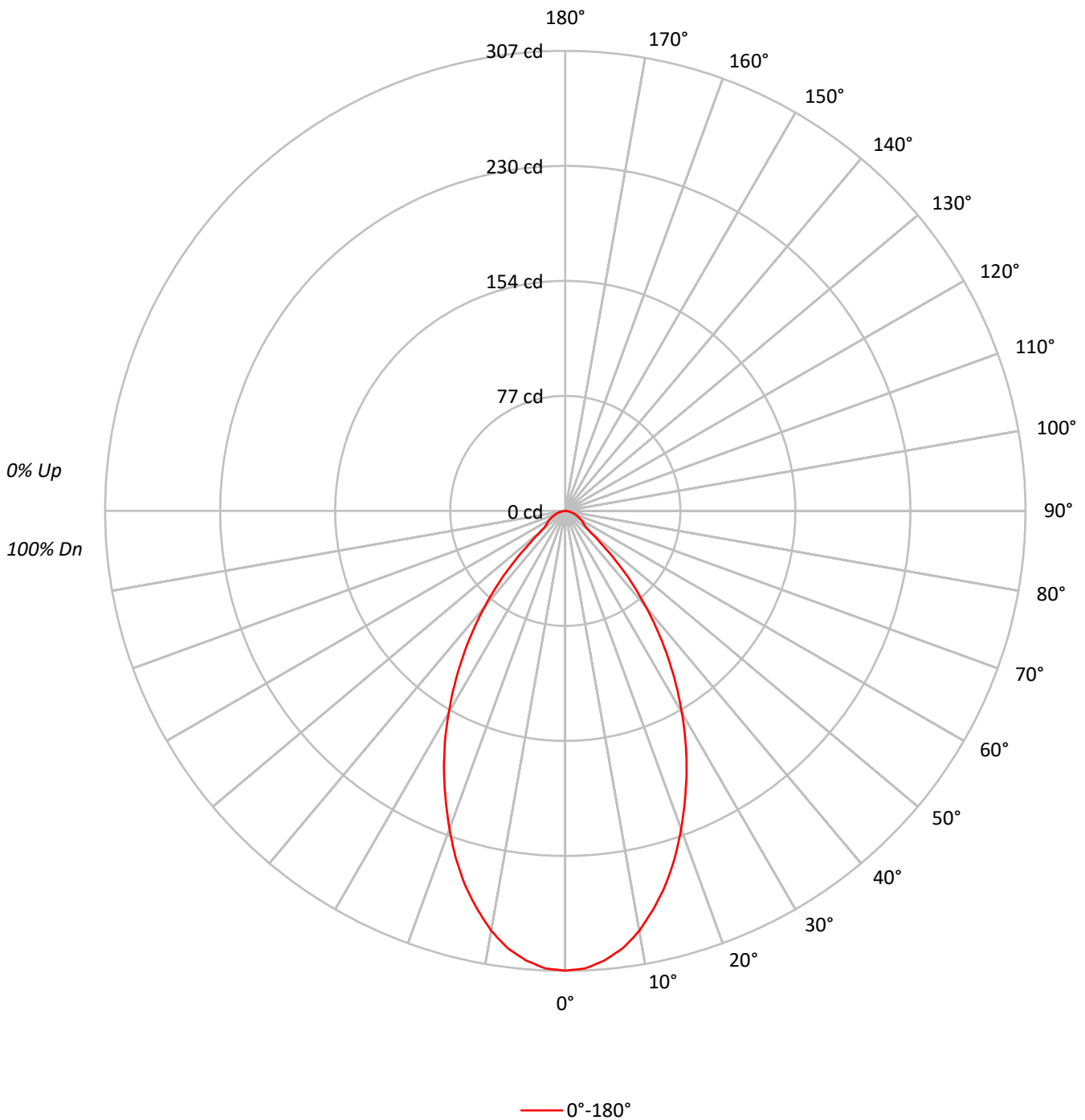
Test Method: LM-79-2019  
Report Number: P1297802  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R50W2N902765DE010 E3DLD1GPH\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 5000K CCT AND, 90CRI ,  
E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 331.0 lumens  
Efficiency: N/A  
Efficacy: 26.9 lumens/watt  
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93  
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91		
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	83		
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	80	77	75		
4	93	85	78	73	91	83	77	73	81	76	72	79	75	71	77	73	70	69		
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	64	63		
6	83	73	66	61	81	72	65	61	70	65	60	69	64	60	67	63	59	58		
7	78	68	61	56	77	67	61	56	66	60	56	64	59	55	63	59	55	53		
8	74	63	57	52	73	63	56	52	61	56	52	60	55	51	59	55	51	50		
9	70	59	53	48	69	59	52	48	58	52	48	57	52	48	56	51	48	46		
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	45	43		

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

	0°
0°	67275
5°	66278
10°	63348
15°	58661
20°	52715
25°	46333
30°	39398
35°	31962
40°	24016
45°	15474
50°	7335
55°	5773
60°	5482
65°	5085
70°	4616
75°	4151
80°	3788
85°	3774

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 15474 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	28.2	8.5
10°-20°	72.0	21.8
20°-30°	87.5	26.4
30°-40°	74.2	22.4
40°-50°	38.6	11.7
50°-60°	13.9	4.2
60°-70°	9.6	2.9
70°-80°	5.2	1.6
80°-90°	1.7	0.5
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°	187.8	56.7
0°-40°	262.0	79.2
0°-60°	314.5	95.0
0°-90°	331.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	331.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	307	
5°	301	28
15°	258	72
25°	192	88
35°	119	74
45°	50	39
55°	15	14
65°	10	10
75°	5	5
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	306.8
2.5°	305.6
5°	301.1
7.5°	294.3
10°	284.5
12.5°	272.0
15°	258.4
17.5°	242.9
20°	225.9
22.5°	208.5
25°	191.5
27.5°	173.8
30°	155.6
32.5°	137.5
35°	119.4
37.5°	101.6
40°	83.9
42.5°	66.9
45°	49.9
47.5°	33.2
50°	21.5
52.5°	16.6
55°	15.1
57.5°	13.6
60°	12.5
62.5°	11.0
65°	9.8
67.5°	8.3
70°	7.2
72.5°	6.0
75°	4.9
77.5°	3.8
80°	3.0
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)