

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: P1294041

Luminaire Tested: P3AS09R50W2N902765DE010 E3DLP1GPH\_3500K

Issue Date: 1/30/2026

**Test Information**

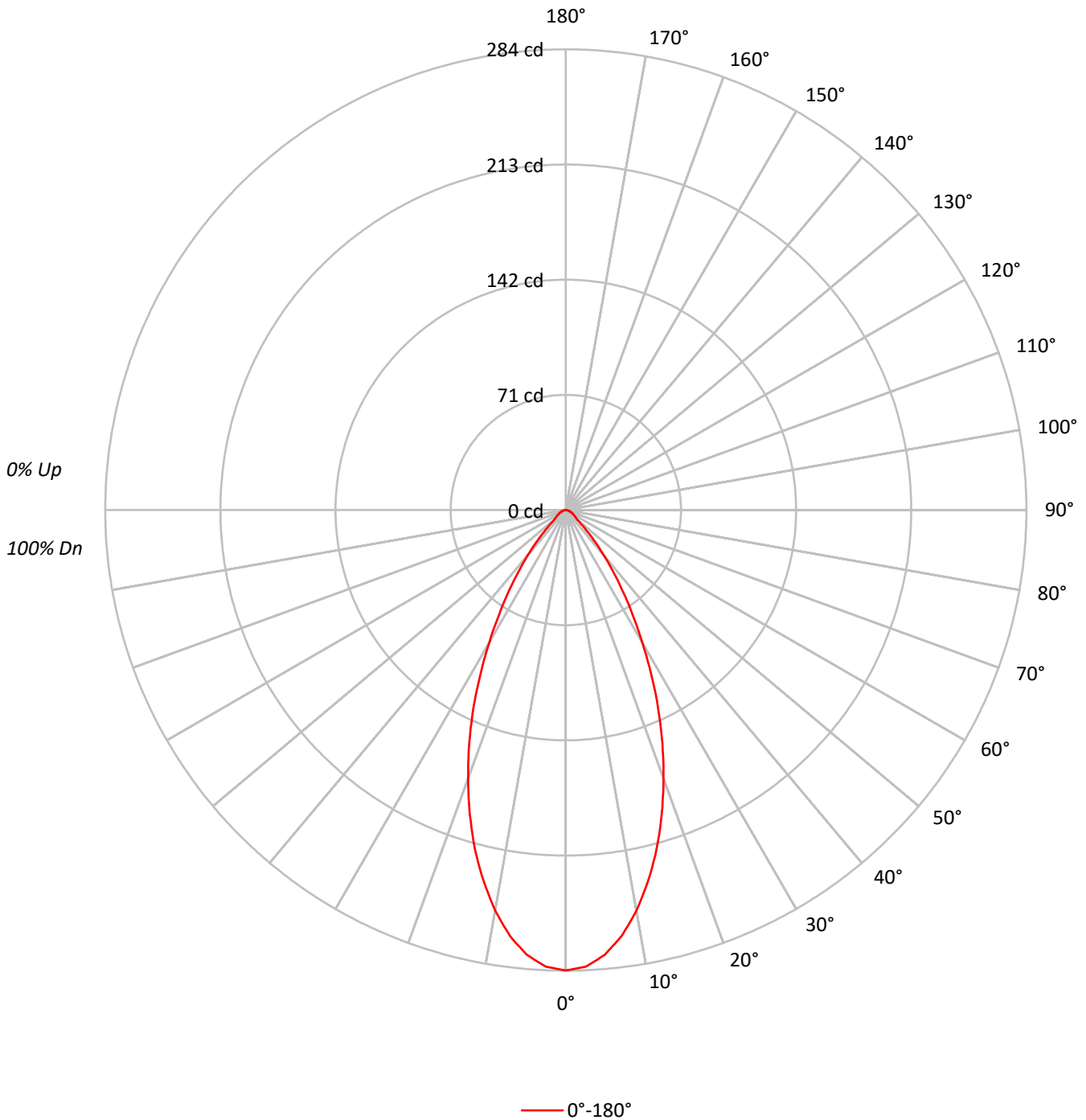
Test Method: LM-79-2019  
Report Number: P1294041  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R50W2N902765DE010 E3DLP1GPH\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 3500K CCT AND, 90CRI ,  
E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 214.0 lumens  
Efficiency: N/A  
Efficacy: 23.8 lumens/watt  
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 9  
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
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	95	94	93			93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			85
3	101	95	89	85	99	93	88	85	91	87	83	88	85	82	86	83	81	79			79
4	96	88	82	78	94	87	82	78	85	80	77	83	79	76	81	78	75	73			73
5	91	83	76	72	90	82	76	72	80	75	71	78	74	70	77	73	70	68			68
6	87	77	71	67	85	77	71	67	75	70	66	74	69	66	72	68	65	64			64
7	82	73	67	62	81	72	66	62	71	66	62	70	65	61	68	64	61	60			60
8	78	69	63	58	77	68	62	58	67	62	58	66	61	58	65	61	57	56			56
9	75	65	59	55	74	64	59	55	63	58	55	63	58	54	62	57	54	53			53
10	71	61	56	52	70	61	55	52	60	55	51	59	55	51	59	54	51	50			50

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

	0°
0°	62232
5°	60577
10°	55844
15°	49126
20°	41094
25°	32591
30°	23902
35°	16436
40°	10448
45°	5830
50°	3173
55°	2676
60°	2281
65°	2127
70°	1859
75°	1694
80°	1515
85°	1510

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 5830 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	25.5	11.9
10°-20°	59.9	28.0
20°-30°	61.3	28.6
30°-40°	38.9	18.2
40°-50°	15.4	7.2
50°-60°	6.3	2.9
60°-70°	4.0	1.9
70°-80°	2.0	1.0
80°-90°	0.7	0.3
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°	146.7	68.6
0°-40°	185.6	86.7
0°-60°	207.3	96.9
0°-90°	214.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	214.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	284	
5°	275	25
15°	216	60
25°	135	61
35°	61	39
45°	19	15
55°	7	6
65°	4	4
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	283.8
2.5°	281.8
5°	275.2
7.5°	264.7
10°	250.8
12.5°	234.3
15°	216.4
17.5°	196.7
20°	176.1
22.5°	155.5
25°	134.7
27.5°	113.8
30°	94.4
32.5°	77.0
35°	61.4
37.5°	48.1
40°	36.5
42.5°	26.9
45°	18.8
47.5°	12.7
50°	9.3
52.5°	7.8
55°	7.0
57.5°	6.1
60°	5.2
62.5°	4.6
65°	4.1
67.5°	3.5
70°	2.9
72.5°	2.3
75°	2.0
77.5°	1.4
80°	1.2
82.5°	0.9
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)