

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: P1296185

Luminaire Tested: P3AS13R25W2N902765DE010 E3DL1LI\_3500K

Issue Date: 1/30/2026

**Test Information**

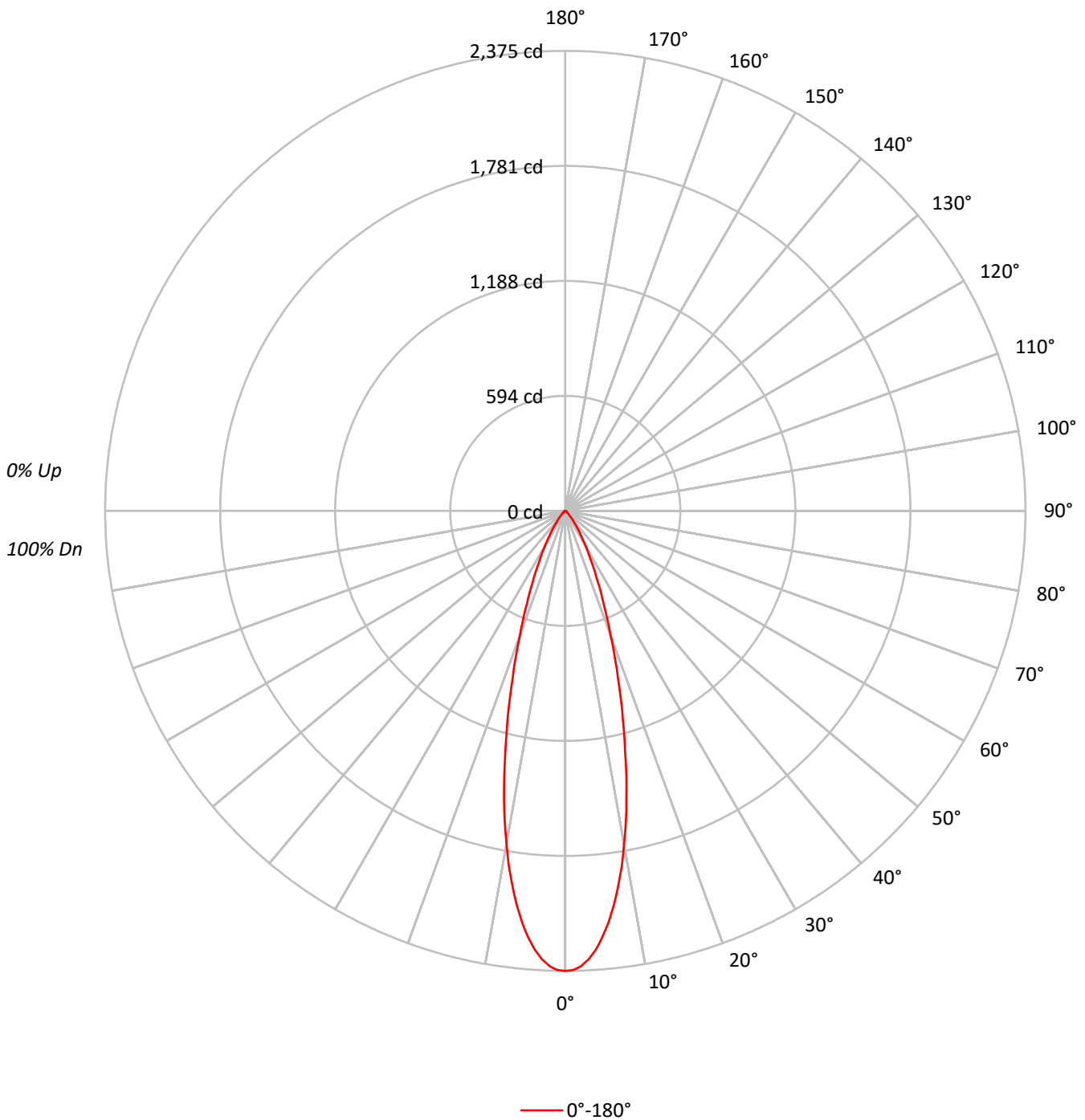
Test Method: LM-79-2019  
Report Number: P1296185  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R25W2N902765DE010 E3DL1LI\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3500K CCT AND, 90CRI ,  
E3DL1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 812.0 lumens  
Efficiency: N/A  
Efficacy: 66.0 lumens/watt  
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51  
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	99	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	93	92	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	91	89	87	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	91	89	87	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	90	87	84	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	85	82	79	78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75	82	78	76	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	79	75	73	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	76	73	70	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	73	70	67	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	71	67	65	64

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

	0°
0°	520857
5°	485955
10°	389282
15°	264247
20°	159894
25°	93489
30°	53249
35°	29286
40°	15543
45°	8187
50°	4776
55°	3555
60°	3070
65°	3217
70°	3013
75°	2626
80°	2020
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 8187 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	195.9	24.1
10°-20°	320.0	39.4
20°-30°	182.9	22.5
30°-40°	72.2	8.9
40°-50°	22.1	2.7
50°-60°	8.7	1.1
60°-70°	5.9	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°	698.8	86.1
0°-40°	770.9	94.9
0°-60°	801.8	98.7
0°-90°	812.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	812.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2375	
5°	2208	196
15°	1164	320
25°	386	183
35°	109	72
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°	2375.3
1°	2370.7
2°	2351.3
3°	2317.1
4°	2269.8
5°	2207.7
6°	2134.8
7°	2052.5
8°	1957.1
9°	1859.3
10°	1748.3
11°	1638.9
12°	1518.6
13°	1399.9
14°	1278.1
15°	1164.0
17.5°	902.5
20°	685.2
22.5°	514.5
25°	386.4
27.5°	286.3
30°	210.3
32.5°	152.1
35°	109.4
37.5°	77.6
40°	54.3
42.5°	37.2
45°	26.4
47.5°	18.6
50°	14.0
52.5°	10.9
55°	9.3
57.5°	8.5
60°	7.0
62.5°	6.2
65°	6.2
67.5°	5.4
70°	4.7
72.5°	3.9
75°	3.1
77.5°	2.3
80°	1.6
82.5°	1.6
85°	0.8
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)