

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: P1296040

Luminaire Tested: P3AS13R25W2N902750DE010 E3DLD1LI\_2700K

Issue Date: 1/30/2026

**Test Information**

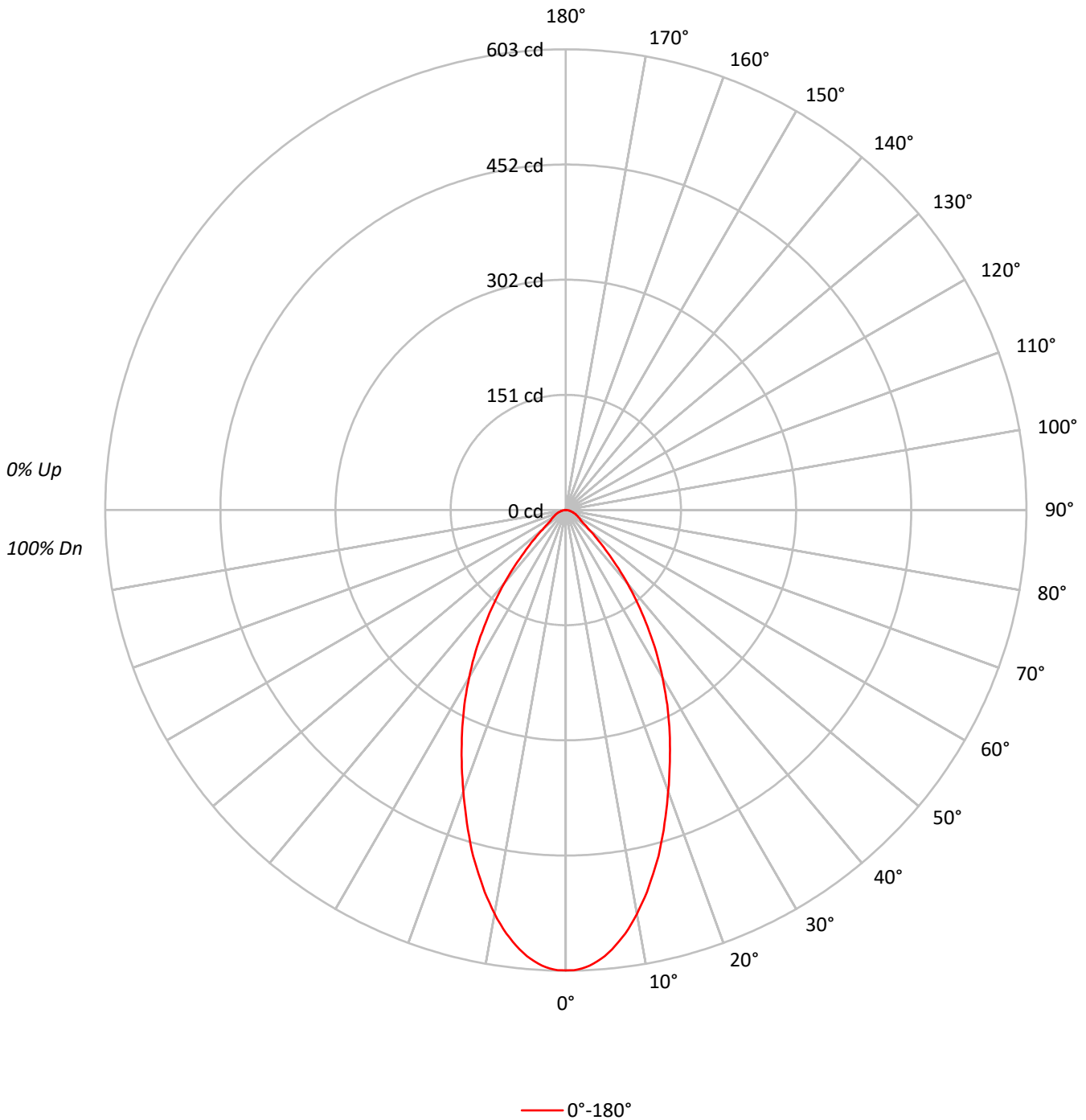
Test Method: LM-79-2019  
Report Number: P1296040  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R25W2N902750DE010 E3DLD1LI\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,  
E3DLD1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 556.0 lumens  
Efficiency: N/A  
Efficacy: 45.2 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85  
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				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	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70				70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59				59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51				51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48				48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45				45

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

	0°
0°	132139
5°	128989
10°	119526
15°	106448
20°	91475
25°	77763
30°	64010
35°	49871
40°	35896
45°	22762
50°	13475
55°	9252
60°	8508
65°	7887
70°	7117
75°	6439
80°	6061
85°	5284

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 22762 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	54.3	9.8
10°-20°	130.2	23.4
20°-30°	147.1	26.5
30°-40°	116.4	20.9
40°-50°	58.8	10.6
50°-60°	23.5	4.2
60°-70°	15.1	2.7
70°-80°	8.3	1.5
80°-90°	2.4	0.4
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°	331.6	59.6
0°-40°	448.0	80.6
0°-60°	530.3	95.4
0°-90°	556.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	556.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	603	
5°	586	54
15°	469	130
25°	321	147
35°	186	116
45°	73	59
55°	24	24
65°	15	15
75°	8	8
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	602.6
1°	602.6
2°	600.5
3°	597.1
4°	592.2
5°	586.0
6°	578.4
7°	569.4
8°	559.7
9°	548.6
10°	536.8
11°	523.7
12°	511.2
13°	496.6
14°	482.8
15°	468.9
17.5°	430.1
20°	392.0
22.5°	356.0
25°	321.4
27.5°	287.5
30°	252.8
32.5°	220.3
35°	186.3
37.5°	155.2
40°	125.4
42.5°	97.7
45°	73.4
47.5°	54.7
50°	39.5
52.5°	29.8
55°	24.2
57.5°	22.2
60°	19.4
62.5°	17.3
65°	15.2
67.5°	13.2
70°	11.1
72.5°	9.7
75°	7.6
77.5°	6.2
80°	4.8
82.5°	3.5
85°	2.1
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)