

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: P1299825

Luminaire Tested: P3AS17R25W2N902750DE010 E3DLD1GPH\_2700K

Issue Date: 1/30/2026

**Test Information**

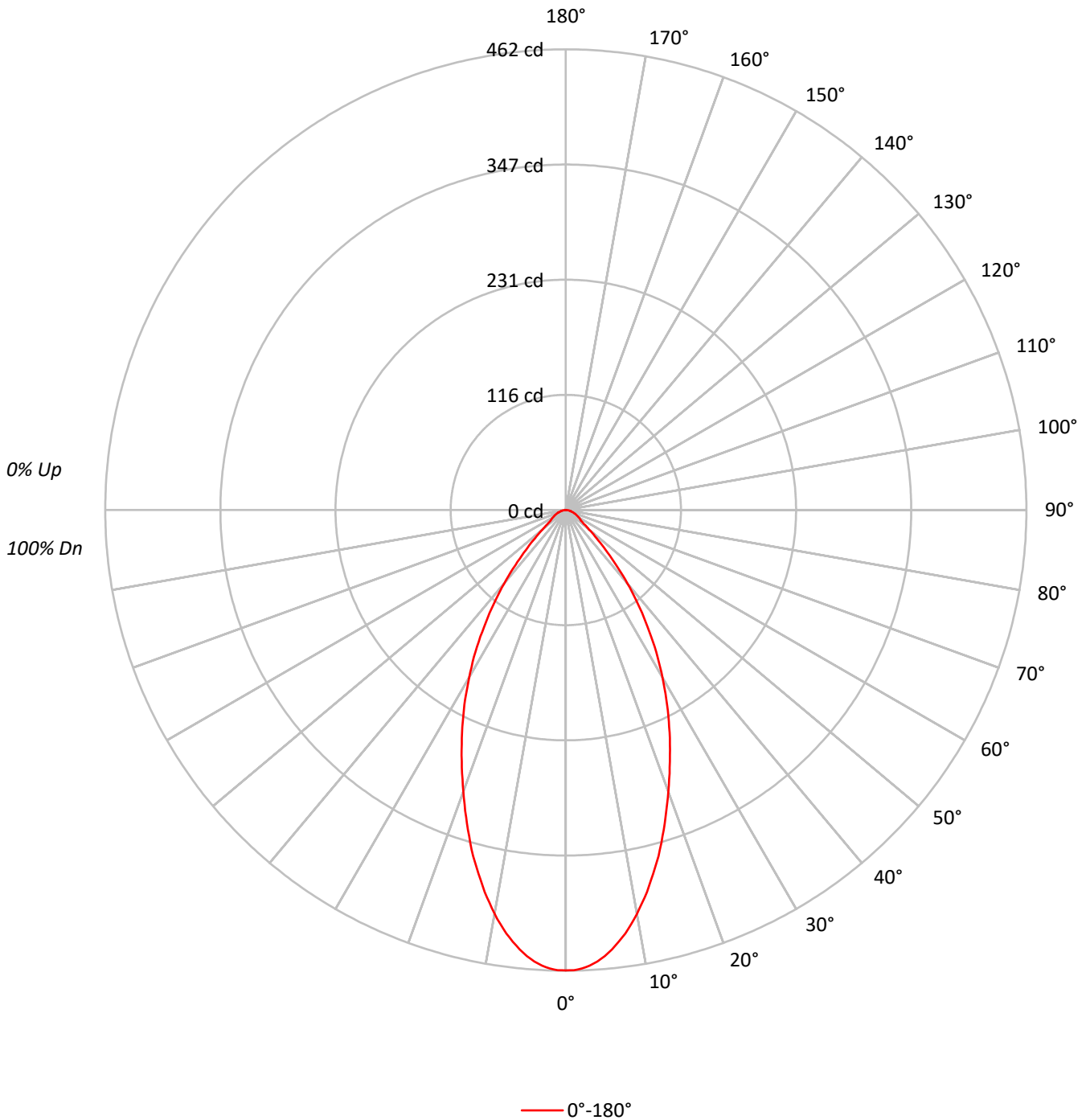
Test Method: LM-79-2019  
Report Number: P1299825  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R25W2N902750DE010 E3DLD1GPH\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,  
E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 426.1 lumens  
Efficiency: N/A  
Efficacy: 22.0 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): 19.4  
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			
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91			
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76			
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70			
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			

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

	0°
0°	101242
5°	98833
10°	91581
15°	81567
20°	70099
25°	59568
30°	49046
35°	38226
40°	27509
45°	17459
50°	10337
55°	7111
60°	6535
65°	6071
70°	5450
75°	4914
80°	4672
85°	4026

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 17459 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	41.6	9.8
10°-20°	99.7	23.4
20°-30°	112.7	26.4
30°-40°	89.2	20.9
40°-50°	45.0	10.6
50°-60°	18.0	4.2
60°-70°	11.6	2.7
70°-80°	6.4	1.5
80°-90°	1.8	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°	254.1	59.6
0°-40°	343.2	80.6
0°-60°	406.3	95.4
0°-90°	426.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	426.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	462	
5°	449	42
15°	359	100
25°	246	113
35°	143	89
45°	56	45
55°	19	18
65°	12	12
75°	6	6
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	461.7
1°	461.7
2°	460.1
3°	457.5
4°	453.8
5°	449.0
6°	443.1
7°	436.2
8°	428.8
9°	420.3
10°	411.3
11°	401.2
12°	391.7
13°	380.5
14°	369.9
15°	359.3
17.5°	329.6
20°	300.4
22.5°	272.8
25°	246.2
27.5°	220.2
30°	193.7
32.5°	168.8
35°	142.8
37.5°	118.9
40°	96.1
42.5°	74.8
45°	56.3
47.5°	41.9
50°	30.3
52.5°	22.8
55°	18.6
57.5°	17.0
60°	14.9
62.5°	13.3
65°	11.7
67.5°	10.1
70°	8.5
72.5°	7.4
75°	5.8
77.5°	4.8
80°	3.7
82.5°	2.7
85°	1.6
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)