

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: P1299816

Luminaire Tested: P3A17R25W2N902750DE010 E3DL1WH\_3000K

Issue Date: 1/30/2026

**Test Information**

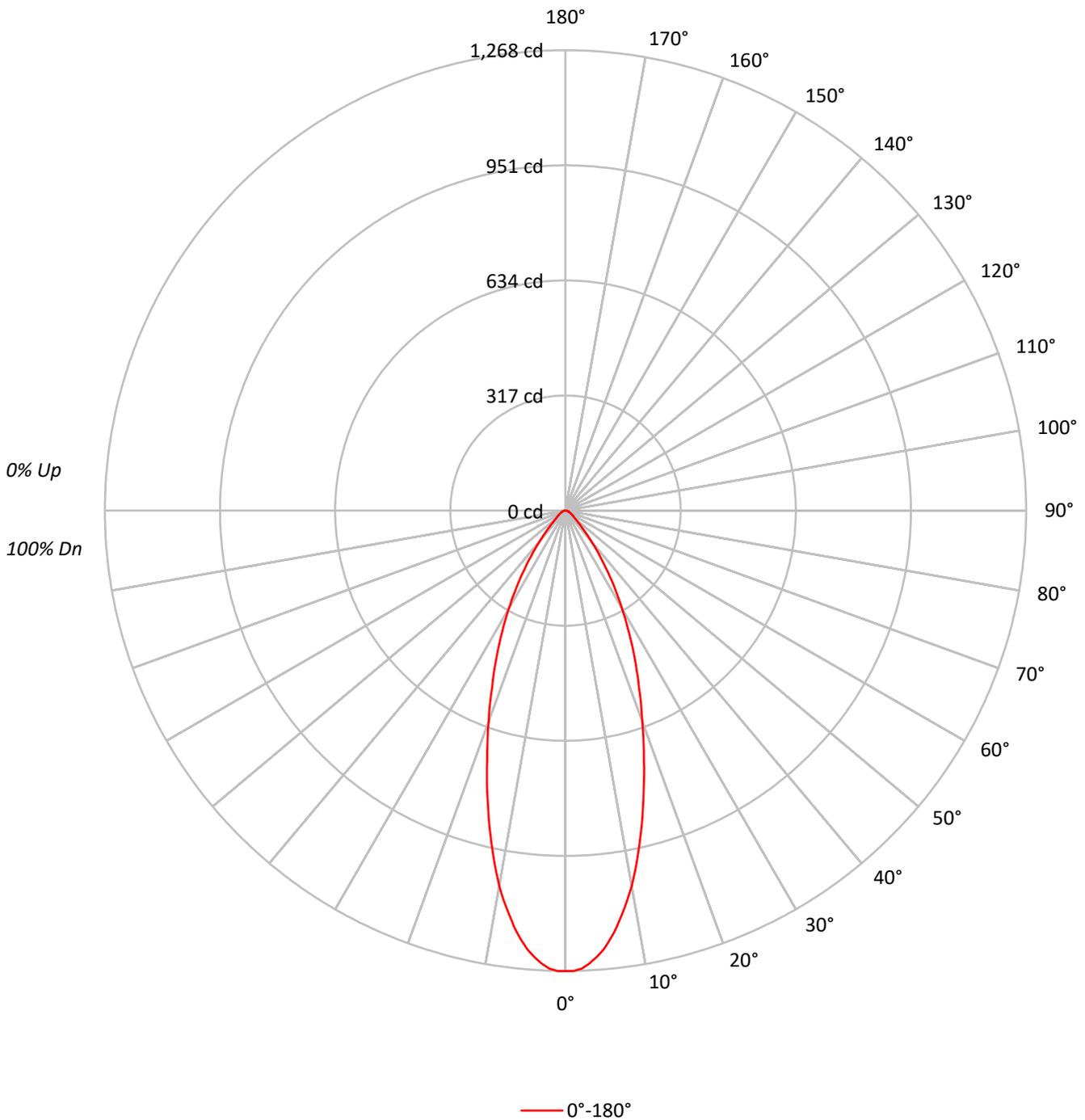
Test Method: LM-79-2019  
Report Number: P1299816  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R25W2N902750DE010 E3DL1WH\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,  
E3DL1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 766.0 lumens  
Efficiency: N/A  
Efficacy: 39.5 lumens/watt  
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68  
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				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	100	100
1	113	110	108	105	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86	86
3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	87	84	82	80	80	80	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	75	75	75	75
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70	70	70	70
6	88	79	73	69	86	78	72	68	77	72	68	75	71	67	74	70	67	66	66	66	66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62	62	62	62
8	80	70	65	60	79	70	64	60	69	64	60	68	63	60	67	63	60	58	58	58	58
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	59	56	55	55	55	55
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	52	52	52

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

	0°
0°	278092
5°	266805
10°	233730
15°	187878
20°	144353
25°	109216
30°	78924
35°	52414
40°	31802
45°	18514
50°	11803
55°	9596
60°	8377
65°	7420
70°	6155
75°	6100
80°	4546
85°	6038

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 18514 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	110.3	14.4
10°-20°	228.8	29.9
20°-30°	207.0	27.0
30°-40°	124.3	16.2
40°-50°	49.4	6.4
50°-60°	22.8	3.0
60°-70°	13.9	1.8
70°-80°	7.4	1.0
80°-90°	2.1	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°	546.1	71.3
0°-40°	670.5	87.5
0°-60°	742.6	96.9
0°-90°	766.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	766.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1268	
5°	1212	110
15°	828	229
25°	451	207
35°	196	124
45°	60	49
55°	25	23
65°	14	14
75°	7	7
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1268.2
1°	1268.2
2°	1262.3
3°	1249.1
4°	1232.4
5°	1212.1
6°	1185.8
7°	1156.0
8°	1121.4
9°	1086.7
10°	1049.7
11°	1006.7
12°	962.5
13°	918.3
14°	874.2
15°	827.6
17.5°	717.7
20°	618.6
22.5°	529.0
25°	451.4
27.5°	378.6
30°	311.7
32.5°	250.8
35°	195.8
37.5°	149.3
40°	111.1
42.5°	81.2
45°	59.7
47.5°	45.4
50°	34.6
52.5°	28.7
55°	25.1
57.5°	21.5
60°	19.1
62.5°	15.5
65°	14.3
67.5°	11.9
70°	9.6
72.5°	8.4
75°	7.2
77.5°	6.0
80°	3.6
82.5°	2.4
85°	2.4
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)