

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: P1295392

Luminaire Tested: P3A13R15W2N902750DE010 E3DLD1GPH\_2700K

Issue Date: 1/30/2026

**Test Information**

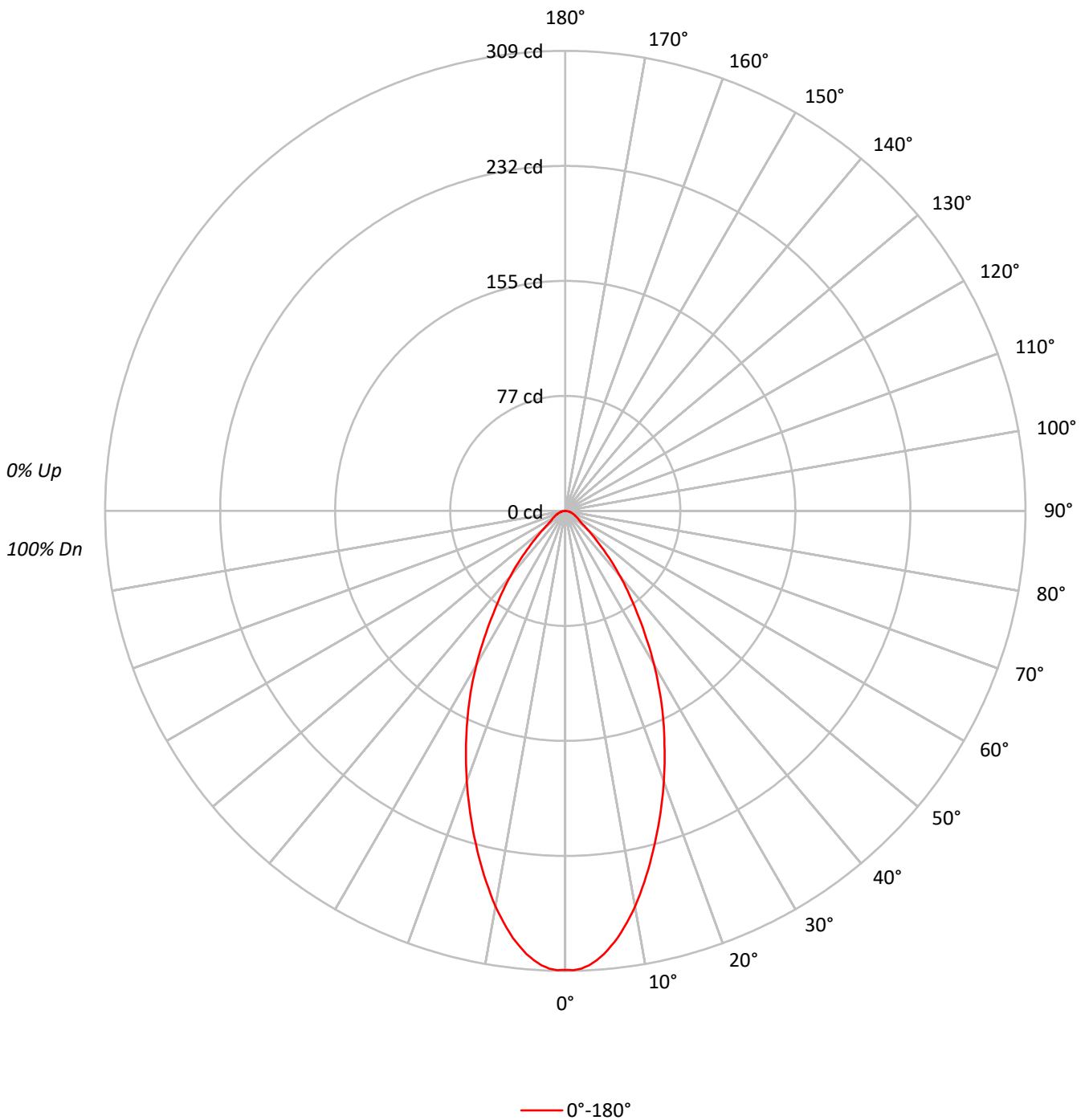
Test Method: LM-79-2019  
Report Number: P1295392  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R15W2N902750DE010 E3DLD1GPH\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI ,  
E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 268.0 lumens  
Efficiency: N/A  
Efficacy: 21.8 lumens/watt  
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 12.3  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	102	102	102	100
1	113	109	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	93	93	93	92
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	85	85	85	83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	78	78	78	76
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	72	72	72	70
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	70	66	66	66	66	65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	61	61	61	60
7	80	70	63	58	78	69	63	58	67	62	58	66	61	58	65	61	57	57	57	57	56
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	53	53	53	52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	50	50	50	49
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	47	47	47	46

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

Angle	Average Luminance (cd/sqm)
0°	67604
5°	65771
10°	60097
15°	52645
20°	45154
25°	37696
30°	30182
35°	22620
40°	16431
45°	10730
50°	6720
55°	4549
60°	4035
65°	3684
70°	3462
75°	3135
80°	3031
85°	2516

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 10730 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	27.6	10.3
10°-20°	64.6	24.1
20°-30°	71.2	26.6
30°-40°	53.3	19.9
40°-50°	27.6	10.3
50°-60°	11.5	4.3
60°-70°	7.1	2.6
70°-80°	4.0	1.5
80°-90°	1.1	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°	163.4	61.0
0°-40°	216.7	80.9
0°-60°	255.8	95.4
0°-90°	268.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	268.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	308	
5°	299	28
15°	232	65
25°	156	71
35°	84	53
45°	35	28
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	308.3
1°	308.6
2°	307.6
3°	305.6
4°	302.5
5°	298.8
6°	294.0
7°	288.9
8°	282.8
9°	276.4
10°	269.9
12.5°	251.2
15°	231.9
17.5°	212.5
20°	193.5
22.5°	174.2
25°	155.8
27.5°	137.5
30°	119.2
32.5°	101.2
35°	84.5
37.5°	70.3
40°	57.4
42.5°	45.5
45°	34.6
47.5°	26.1
50°	19.7
52.5°	14.6
55°	11.9
57.5°	10.5
60°	9.2
62.5°	8.1
65°	7.1
67.5°	6.1
70°	5.4
72.5°	4.4
75°	3.7
77.5°	3.1
80°	2.4
82.5°	1.7
85°	1.0
87.5°	0.3
90°	0.0

(END OF REPORT)