

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: P1297345

Luminaire Tested: P3AS13R45W2N902750DE010 E3DLD1GPH\_5000K

Issue Date: 1/30/2026

**Test Information**

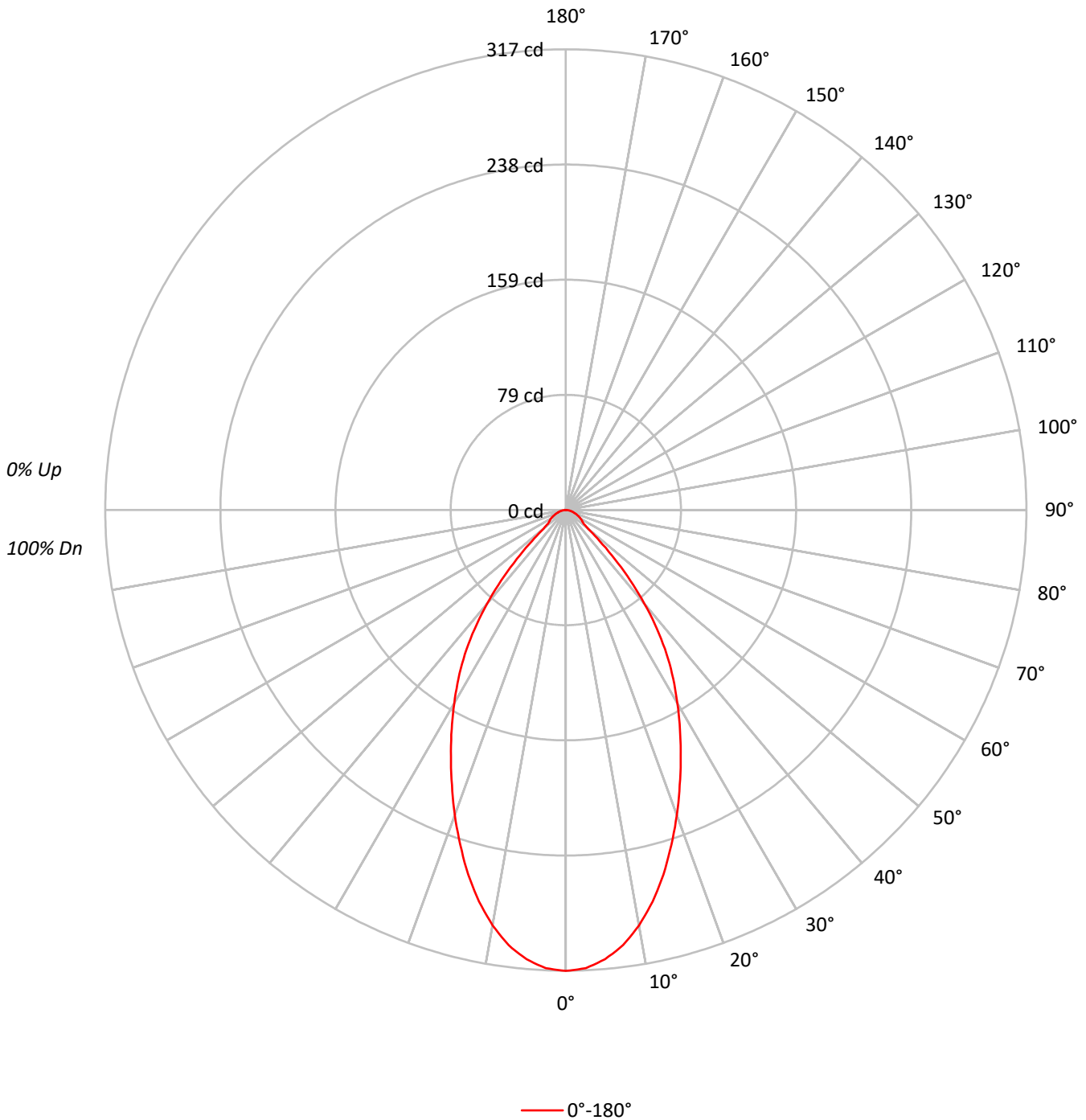
Test Method: LM-79-2019  
Report Number: P1297345  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R45W2N902750DE010 E3DLD1GPH\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 5000K CCT AND, 90CRI ,  
E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 328.0 lumens  
Efficiency: N/A  
Efficacy: 26.7 lumens/watt  
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92  
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			100
1	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91			91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83			83
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75			75
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69			69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63			63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58			58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54			54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50			50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47			47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44			44

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

	0°
0°	69534
5°	68303
10°	64639
15°	58956
20°	52131
25°	45269
30°	38867
35°	32391
40°	24131
45°	14761
50°	6823
55°	5352
60°	5131
65°	4722
70°	4360
75°	4151
80°	3788
85°	2768

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 14761 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	29.0	8.8
10°-20°	72.3	22.0
20°-30°	85.9	26.2
30°-40°	74.6	22.8
40°-50°	37.4	11.4
50°-60°	13.0	4.0
60°-70°	9.1	2.8
70°-80°	5.1	1.6
80°-90°	1.6	0.5
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°	187.2	57.1
0°-40°	261.8	79.8
0°-60°	312.3	95.2
0°-90°	328.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	328.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	317	
5°	310	29
15°	260	72
25°	187	86
35°	121	75
45°	48	37
55°	14	13
65°	9	9
75°	5	5
85°	1	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	317.1
2.5°	315.6
5°	310.3
7.5°	302.0
10°	290.3
12.5°	275.9
15°	259.7
17.5°	241.5
20°	223.4
22.5°	204.9
25°	187.1
27.5°	170.1
30°	153.5
32.5°	137.6
35°	121.0
37.5°	103.2
40°	84.3
42.5°	65.8
45°	47.6
47.5°	31.4
50°	20.0
52.5°	15.5
55°	14.0
57.5°	12.9
60°	11.7
62.5°	10.6
65°	9.1
67.5°	7.9
70°	6.8
72.5°	5.7
75°	4.9
77.5°	3.8
80°	3.0
82.5°	2.3
85°	1.1
87.5°	0.8
90°	0.0

(END OF REPORT)