

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: P1269938

Luminaire Tested: P3A13R509740DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

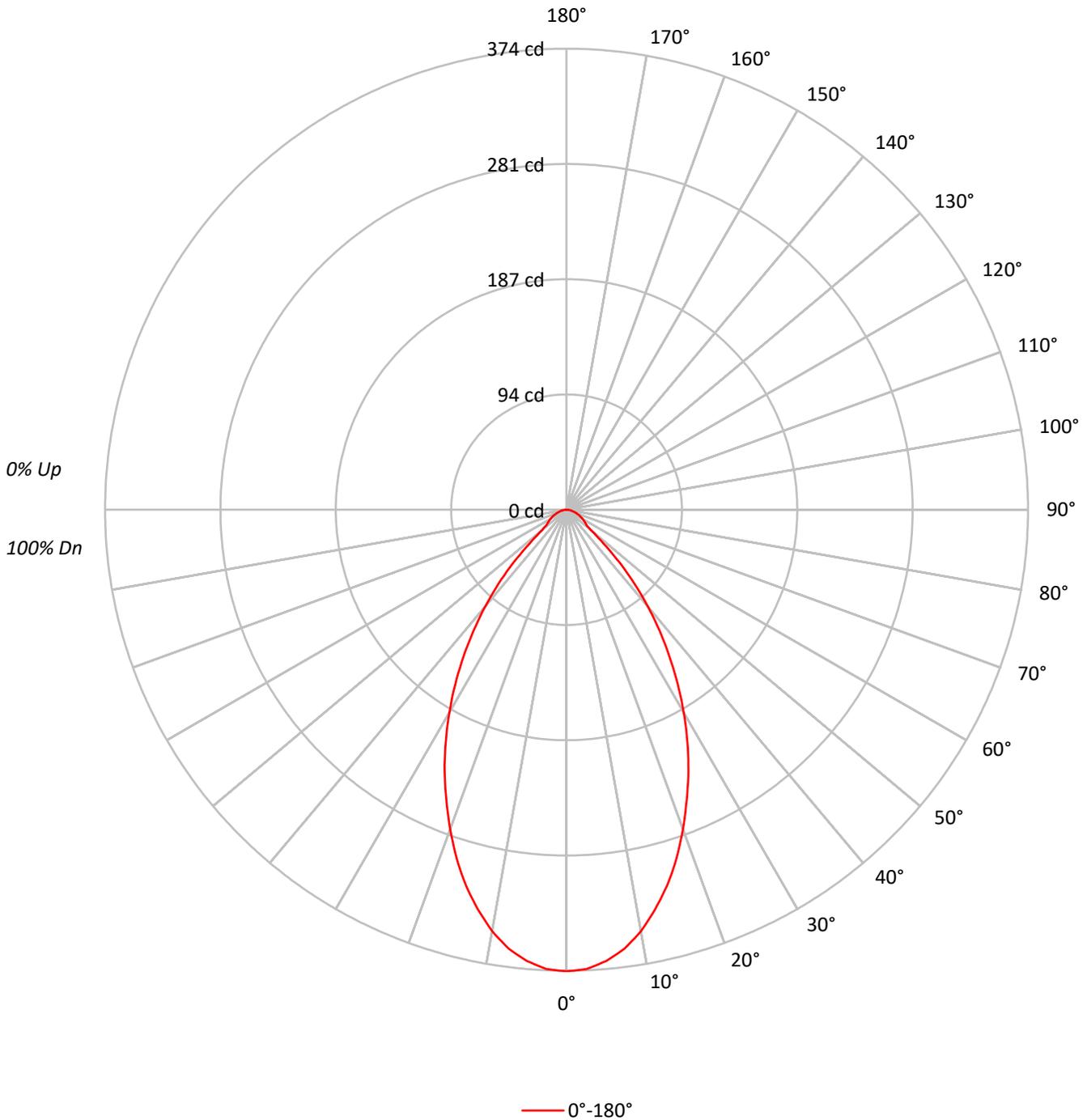
Test Method: LM-79-2019  
Report Number: P1269938  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R509740DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R50 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 404.0 lumens  
Efficiency: N/A  
Efficacy: 27.7 lumens/watt  
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.6  
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	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91				91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	83				83
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	80	77	75				75
4	93	85	78	73	91	83	77	73	81	76	72	79	75	71	77	73	70	69				69
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	64	63				63
6	83	73	66	61	81	72	65	61	70	65	60	69	64	60	67	63	59	58				58
7	78	68	61	56	77	67	61	56	66	60	56	64	59	55	63	59	55	53				53
8	74	63	57	52	73	63	56	52	61	56	52	60	55	51	59	55	51	50				50
9	70	59	53	48	69	59	52	48	58	52	48	57	52	48	56	51	48	46				46
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	45	43				43

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

	0°
0°	82099
5°	80893
10°	77309
15°	71601
20°	64336
25°	56568
30°	48109
35°	39003
40°	29312
45°	18886
50°	8972
55°	7034
60°	6666
65°	6226
70°	5642
75°	5083
80°	4672
85°	4529

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 18886 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	34.4	8.5
10°-20°	87.9	21.8
20°-30°	106.8	26.4
30°-40°	90.6	22.4
40°-50°	47.1	11.7
50°-60°	17.0	4.2
60°-70°	11.7	2.9
70°-80°	6.4	1.6
80°-90°	2.0	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°	229.2	56.7
0°-40°	319.8	79.2
0°-60°	383.9	95.0
0°-90°	404.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	404.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	374	
5°	368	34
15°	315	88
25°	234	107
35°	146	91
45°	61	47
55°	18	17
65°	12	12
75°	6	6
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	374.4
2.5°	373.0
5°	367.5
7.5°	359.2
10°	347.2
12.5°	332.0
15°	315.4
17.5°	296.5
20°	275.7
22.5°	254.5
25°	233.8
27.5°	212.1
30°	190.0
32.5°	167.8
35°	145.7
37.5°	124.0
40°	102.4
42.5°	81.6
45°	60.9
47.5°	40.6
50°	26.3
52.5°	20.3
55°	18.4
57.5°	16.6
60°	15.2
62.5°	13.4
65°	12.0
67.5°	10.1
70°	8.8
72.5°	7.4
75°	6.0
77.5°	4.6
80°	3.7
82.5°	2.8
85°	1.8
87.5°	0.9
90°	0.0

(END OF REPORT)