

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: P1273620

Luminaire Tested: P3A09R209830DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1273620  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A09R209830DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

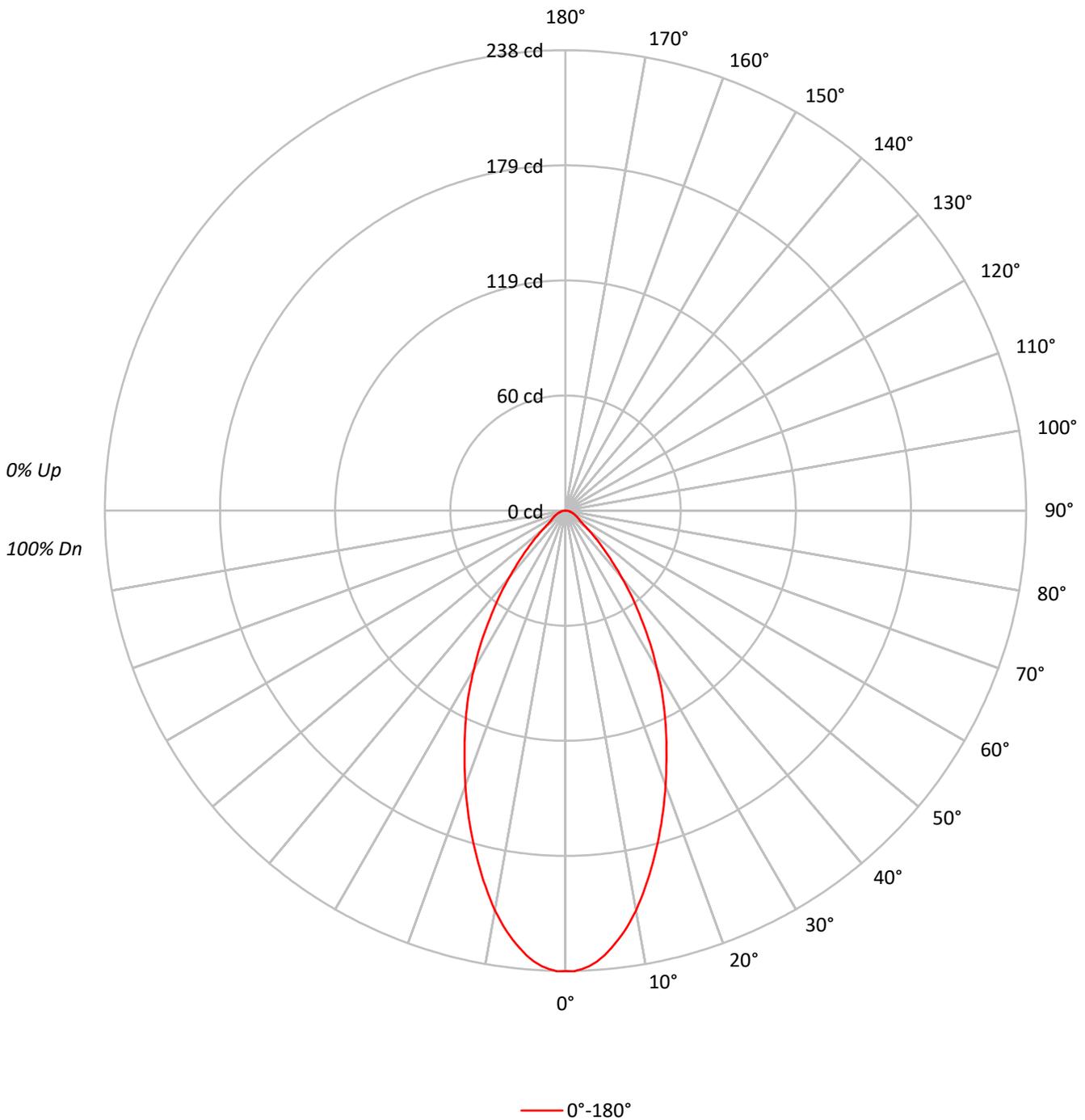
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 210.9 lumens  
Efficiency: N/A  
Efficacy: 19.2 lumens/watt  
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 11  
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	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91				91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83				83
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76				76
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70				70
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65				65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60				60
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55				55
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52				52
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48				48
10	68	58	51	47	67	57	51	47	56	51	47	56	51	47	55	50	47	45				45

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

	0°
0°	52189
5°	50803
10°	46737
15°	41135
20°	35283
25°	29639
30°	23953
35°	18230
40°	12967
45°	8559
50°	5288
55°	3479
60°	3158
65°	2906
70°	2757
75°	2457
80°	2399
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 8559 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	21.3	10.1
10°-20°	50.4	23.9
20°-30°	56.0	26.5
30°-40°	42.7	20.3
40°-50°	21.9	10.4
50°-60°	9.0	4.2
60°-70°	5.6	2.6
70°-80°	3.1	1.5
80°-90°	0.9	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°	127.8	60.6
0°-40°	170.5	80.8
0°-60°	201.3	95.4
0°-90°	210.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	210.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	238	
5°	231	21
15°	181	50
25°	122	56
35°	68	43
45°	28	22
55°	9	9
65°	6	6
75°	3	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	238.0
1°	238.3
2°	237.2
3°	235.9
4°	233.7
5°	230.8
6°	227.3
7°	223.5
8°	219.5
9°	214.7
10°	209.9
12.5°	195.9
15°	181.2
17.5°	166.2
20°	151.2
22.5°	136.2
25°	122.5
27.5°	108.8
30°	94.6
32.5°	81.2
35°	68.1
37.5°	56.6
40°	45.3
42.5°	35.6
45°	27.6
47.5°	20.9
50°	15.5
52.5°	11.5
55°	9.1
57.5°	8.3
60°	7.2
62.5°	6.4
65°	5.6
67.5°	4.8
70°	4.3
72.5°	3.5
75°	2.9
77.5°	2.4
80°	1.9
82.5°	1.3
85°	0.8
87.5°	0.3
90°	0.0

(END OF REPORT)