

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: P1272925

Luminaire Tested: P3A02R209830DE010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

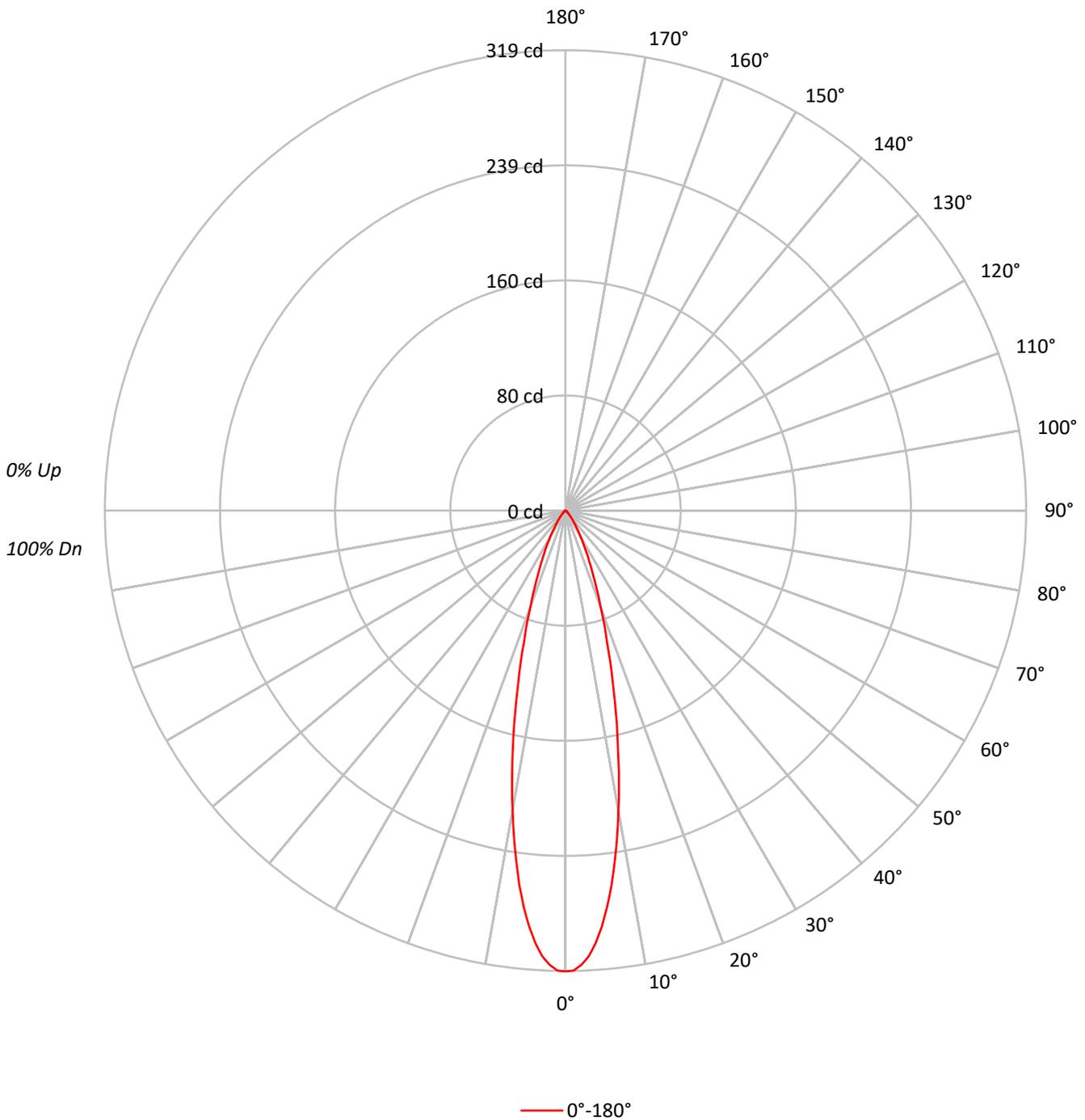
Test Method: LM-79-2019  
Report Number: P1272925  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A02R209830DE010 E3DL1GPH  
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 98CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 91.0 lumens  
Efficiency: N/A  
Efficacy: 25.3 lumens/watt  
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 3.6  
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				
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	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91	91	91	91
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87	87	87	87
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	83	83	83	83
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79	79	79	79
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76	76	76	76
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	73	73	73	73
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	77	74	72	71	71	71	71
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69	68	68	68	68
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	66	66	66	66

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

	0°
0°	70016
5°	63636
10°	47027
15°	29103
20°	16615
25°	9484
30°	5317
35°	2891
40°	1574
45°	868
50°	512
55°	382
60°	351
65°	311
70°	256
75°	339
80°	253
85°	252

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 868 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	25.0	27.5
10°-20°	35.7	39.3
20°-30°	18.6	20.5
30°-40°	7.2	7.9
40°-50°	2.3	2.6
50°-60°	0.9	1.0
60°-70°	0.6	0.7
70°-80°	0.4	0.4
80°-90°	0.1	0.1
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°	79.4	87.3
0°-40°	86.6	95.2
0°-60°	89.9	98.8
0°-90°	91.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	91.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	319	
5°	289	25
15°	128	36
25°	39	19
35°	11	7
45°	3	2
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	319.3
1°	318.7
2°	314.9
3°	309.1
4°	300.1
5°	289.1
6°	276.1
7°	261.7
8°	245.0
9°	228.7
10°	211.2
12.5°	167.9
15°	128.2
17.5°	95.9
20°	71.2
22.5°	52.7
25°	39.2
27.5°	28.9
30°	21.0
32.5°	15.2
35°	10.8
37.5°	7.8
40°	5.5
42.5°	4.0
45°	2.8
47.5°	2.0
50°	1.5
52.5°	1.1
55°	1.0
57.5°	0.9
60°	0.8
62.5°	0.7
65°	0.6
67.5°	0.5
70°	0.4
72.5°	0.4
75°	0.4
77.5°	0.3
80°	0.2
82.5°	0.2
85°	0.1
87.5°	0.1
90°	0.0

(END OF REPORT)