

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: P1270835

Luminaire Tested: P3AS02R159827DE010 E3DLP1GPH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1270835  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R159827DE010 E3DLP1GPH  
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 98CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

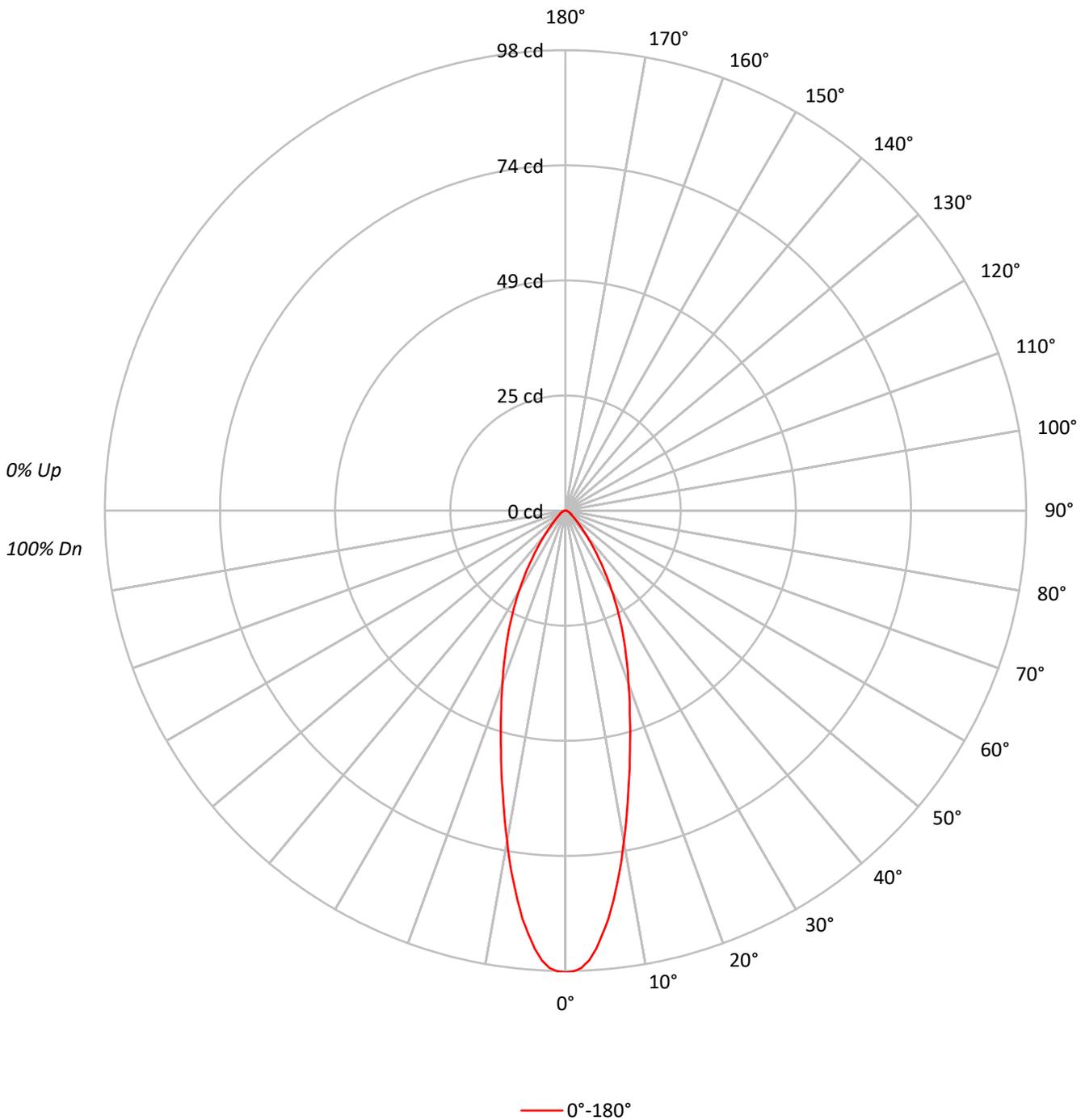
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 50.0 lumens  
Efficiency: N/A  
Efficacy: 13.9 lumens/watt  
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61  
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	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	86	86	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80	80	80	80
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75	75	75	75
5	93	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70	70
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66	66	66	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56	56	56	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53	53	53	53

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

	0°
0°	21555
5°	19921
10°	15920
15°	12009
20°	9147
25°	6968
30°	4988
35°	3266
40°	2004
45°	1209
50°	819
55°	612
60°	526
65°	467
70°	385
75°	424
80°	253
85°	252

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 1209 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	8.0	16.0
10°-20°	14.8	29.6
20°-30°	13.2	26.3
30°-40°	7.8	15.6
40°-50°	3.2	6.4
50°-60°	1.5	3.0
60°-70°	0.9	1.8
70°-80°	0.5	0.9
80°-90°	0.1	0.3
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
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0°-30°	36.0	72.0
0°-40°	43.8	87.6
0°-60°	48.5	97.0
0°-90°	50.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	50.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	98	
5°	90	8
15°	53	15
25°	29	13
35°	12	8
45°	4	3
55°	2	1
65°	1	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	98.3
1°	98.1
2°	97.4
3°	95.9
4°	93.5
5°	90.5
6°	87.4
7°	83.6
8°	79.7
9°	75.8
10°	71.5
12.5°	61.6
15°	52.9
17.5°	45.5
20°	39.2
22.5°	33.7
25°	28.8
27.5°	24.1
30°	19.7
32.5°	15.8
35°	12.2
37.5°	9.3
40°	7.0
42.5°	5.2
45°	3.9
47.5°	3.0
50°	2.4
52.5°	1.9
55°	1.6
57.5°	1.4
60°	1.2
62.5°	1.1
65°	0.9
67.5°	0.8
70°	0.6
72.5°	0.6
75°	0.5
77.5°	0.3
80°	0.2
82.5°	0.2
85°	0.1
87.5°	0.1
90°	0.0

(END OF REPORT)