

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: P1275743

Luminaire Tested: P3AS09R309835DE010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1275743  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R309835DE010 E3DL1GPH  
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

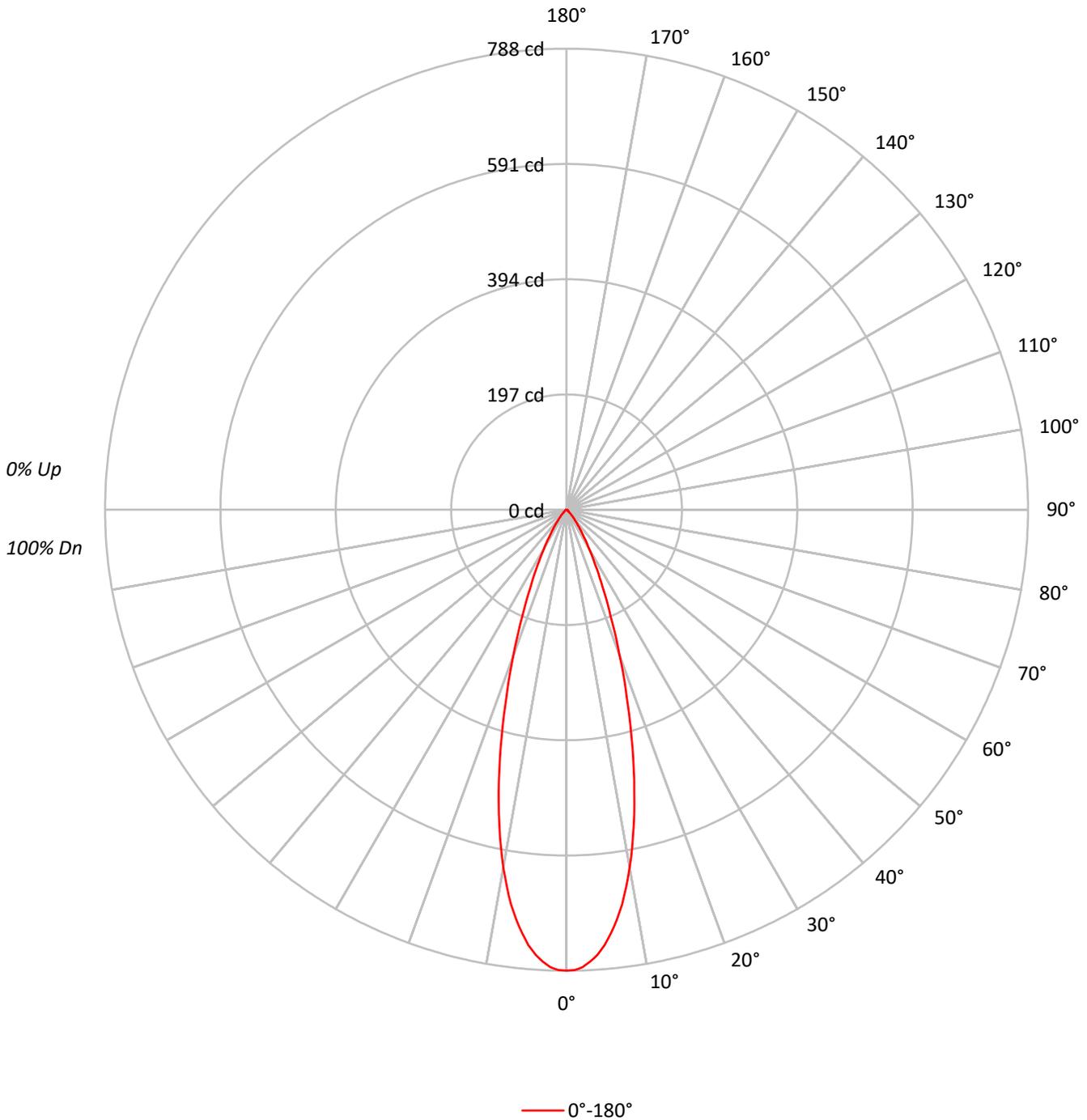
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 296.0 lumens  
Efficiency: N/A  
Efficacy: 26.9 lumens/watt  
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54  
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					
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	99	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	93	92	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	91	89	87	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	91	89	87	86
4	101	95	90	86	99	94	89	86	92	88	85	90	87	84	88	85	83	82	88	85	83	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	85	82	79	78
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	81	78	76	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	78	75	73	71	78	75	73	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	76	72	70	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	73	70	67	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	71	67	65	63

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

	0°
0°	172727
5°	164406
10°	138274
15°	99728
20°	61862
25°	35179
30°	19547
35°	10627
40°	5611
45°	3039
50°	1637
55°	1070
60°	965
65°	1038
70°	898
75°	678
80°	758
85°	755

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 3039 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	67.3	22.7
10°-20°	119.5	40.4
20°-30°	69.1	23.3
30°-40°	26.2	8.9
40°-50°	8.1	2.7
50°-60°	2.7	0.9
60°-70°	1.9	0.6
70°-80°	1.0	0.3
80°-90°	0.3	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°	255.9	86.4
0°-40°	282.1	95.3
0°-60°	292.9	98.9
0°-90°	296.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	296.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	788	
5°	747	67
15°	439	120
25°	145	69
35°	40	26
45°	10	8
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	787.7
1°	787.1
2°	782.4
3°	773.4
4°	762.2
5°	746.9
6°	727.3
7°	705.5
8°	681.2
9°	652.1
10°	621.0
11°	587.5
12°	552.0
13°	514.8
14°	477.0
15°	439.3
17.5°	346.4
20°	265.1
22.5°	196.6
25°	145.4
27.5°	105.7
30°	77.2
32.5°	55.6
35°	39.7
37.5°	27.7
40°	19.6
42.5°	13.7
45°	9.8
47.5°	6.7
50°	4.8
52.5°	3.4
55°	2.8
57.5°	2.5
60°	2.2
62.5°	2.0
65°	2.0
67.5°	1.7
70°	1.4
72.5°	1.1
75°	0.8
77.5°	0.8
80°	0.6
82.5°	0.6
85°	0.3
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)