

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: P1275939

Luminaire Tested: P3AS09R659835DE010 E3D1H

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1275939  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R659835DE010 E3D1H  
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 98CRI , E3D1H TRIM  
Light Source: -  
Ballast/Driver: -

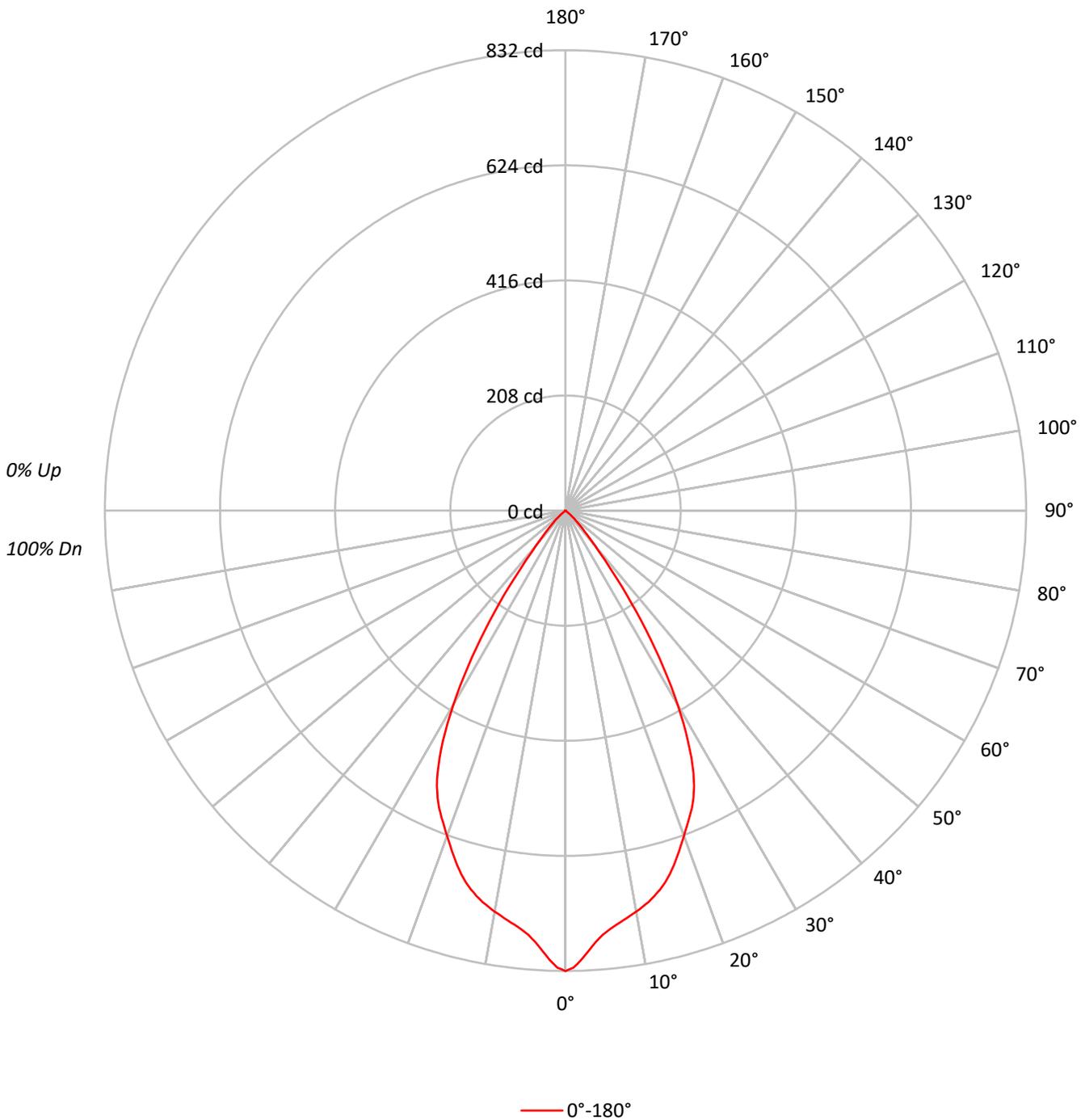
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 681.0 lumens  
Efficiency: N/A  
Efficacy: 61.9 lumens/watt  
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 11  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94	94	94	94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88	88	88	88
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	86	83	82	82	82	82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	81	78	77	77	77	77
5	93	85	79	75	92	84	79	75	82	78	74	81	77	74	79	76	73	72	72	72	72
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67	67	67	67
7	84	75	70	65	83	75	69	65	73	69	65	72	68	65	71	67	64	63	63	63	63
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59	59
9	77	67	61	58	76	67	61	57	66	61	57	65	60	57	64	60	57	56	56	56	56
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	52	52	52

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

	0°
0°	182485
5°	169425
10°	163858
15°	157912
20°	145986
25°	133000
30°	102775
35°	59562
40°	23644
45°	10079
50°	2388
55°	306
60°	263
65°	156
70°	192
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 10079 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	72.6	10.7
10°-20°	193.8	28.5
20°-30°	245.3	36.0
30°-40°	139.7	20.5
40°-50°	27.7	4.1
50°-60°	1.4	0.2
60°-70°	0.4	0.1
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	511.7	75.1
0°-40°	651.4	95.6
0°-60°	680.6	99.9
0°-90°	681.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	681.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	832	
5°	770	73
15°	696	194
25°	550	245
35°	222	140
45°	32	28
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	832.2
1°	826.0
2°	812.6
3°	796.9
4°	781.5
5°	769.7
6°	761.1
7°	754.1
8°	747.9
9°	741.8
10°	735.9
11°	729.4
12°	722.7
13°	714.6
14°	705.9
15°	695.6
16°	683.3
17°	669.8
18°	655.3
19°	639.9
20°	625.6
21°	611.0
22°	597.9
23°	584.2
24°	568.2
25°	549.7
26°	527.6
27°	501.0
28°	471.1
29°	439.2
30°	405.9
31°	369.2
32°	332.8
32.5°	314.1
33°	295.9
34°	258.9
35°	222.5
36°	188.9
37°	155.6
37.5°	138.6
38°	124.8
39°	101.0
40°	82.6
42.5°	50.9
45°	32.5



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	19.0
50°	7.0
52.5°	1.4
55°	0.8
57.5°	0.6
60°	0.6
62.5°	0.6
65°	0.3
67.5°	0.3
70°	0.3
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)