

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: P1251515

Luminaire Tested: P3AS09R259030DE010 E3CD1MW

Issue Date: 1/30/2026

**Test Information**

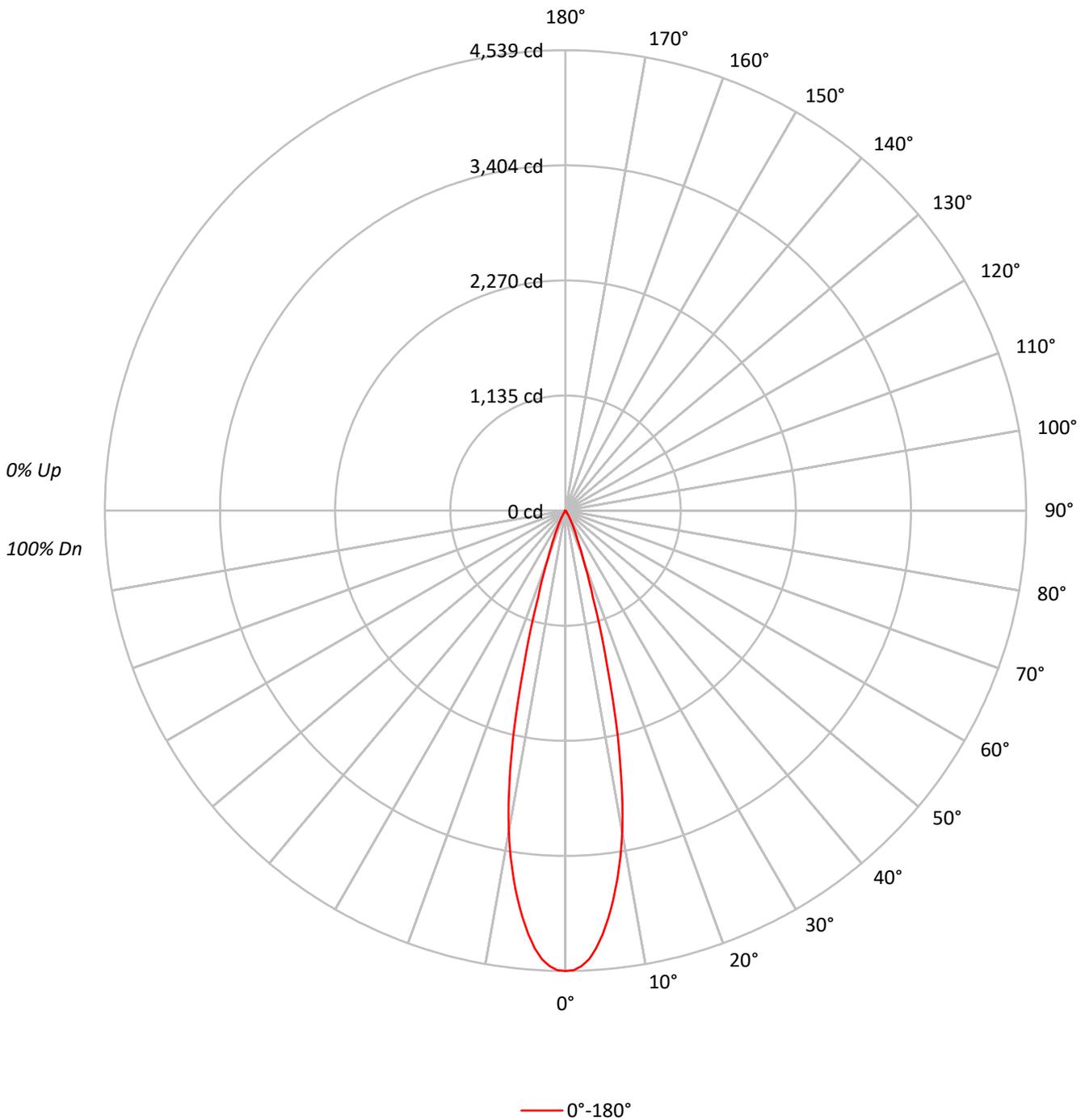
Test Method: LM-79-2019  
Report Number: P1251515  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R259030DE010 E3CD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3CD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 931.0 lumens  
Efficiency: N/A  
Efficacy: 83.9 lumens/watt  
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11.1  
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	109	108	107	106	105	103	103	102	100	99	99	97	97	97
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	96	96	94
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	96	94	92
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	94	92	89
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	92	90	87
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	86	90	87	85
7	97	91	88	85	96	91	87	85	90	87	84	89	86	84	88	85	83	88	85	83
8	95	89	85	83	94	89	85	82	88	84	82	87	84	82	86	83	81	86	83	81
9	93	87	83	80	92	86	83	80	86	82	80	85	82	80	84	82	80	84	82	79
10	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	80	78	82	80	77

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

	0°
0°	995381
5°	923176
10°	715952
15°	359003
20°	117937
25°	46890
30°	17598
35°	5086
40°	2290
45°	899
50°	751
55°	573
60°	658
65°	778
70°	449
75°	593
80°	884
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 899 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	368.9	39.6
10°-20°	440.1	47.3
20°-30°	99.2	10.7
30°-40°	16.1	1.7
40°-50°	2.9	0.3
50°-60°	1.6	0.2
60°-70°	1.4	0.1
70°-80°	0.7	0.1
80°-90°	0.1	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°	908.2	97.6
0°-40°	924.3	99.3
0°-60°	928.8	99.8
0°-90°	931.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	931.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	4539	
5°	4194	369
15°	1581	440
25°	194	99
35°	19	16
45°	3	3
55°	2	2
65°	2	1
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	4539.3
1°	4532.0
2°	4495.4
3°	4428.1
4°	4326.4
5°	4194.0
6°	4036.0
7°	3864.9
8°	3668.9
9°	3454.6
10°	3215.4
11°	2939.6
12°	2622.2
13°	2290.1
14°	1933.9
15°	1581.4
17.5°	901.1
20°	505.4
22.5°	305.0
25°	193.8
27.5°	119.2
30°	69.5
32.5°	36.6
35°	19.0
37.5°	12.4
40°	8.0
42.5°	5.1
45°	2.9
47.5°	2.2
50°	2.2
52.5°	2.2
55°	1.5
57.5°	1.5
60°	1.5
62.5°	1.5
65°	1.5
67.5°	1.5
70°	0.7
72.5°	0.7
75°	0.7
77.5°	0.7
80°	0.7
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

90° |  $\frac{0^\circ}{0.0}$

(END OF REPORT)