

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: P1259718

Luminaire Tested: P3AS09R559050DE010 E3DLD1WMH

Issue Date: 1/30/2026

**Test Information**

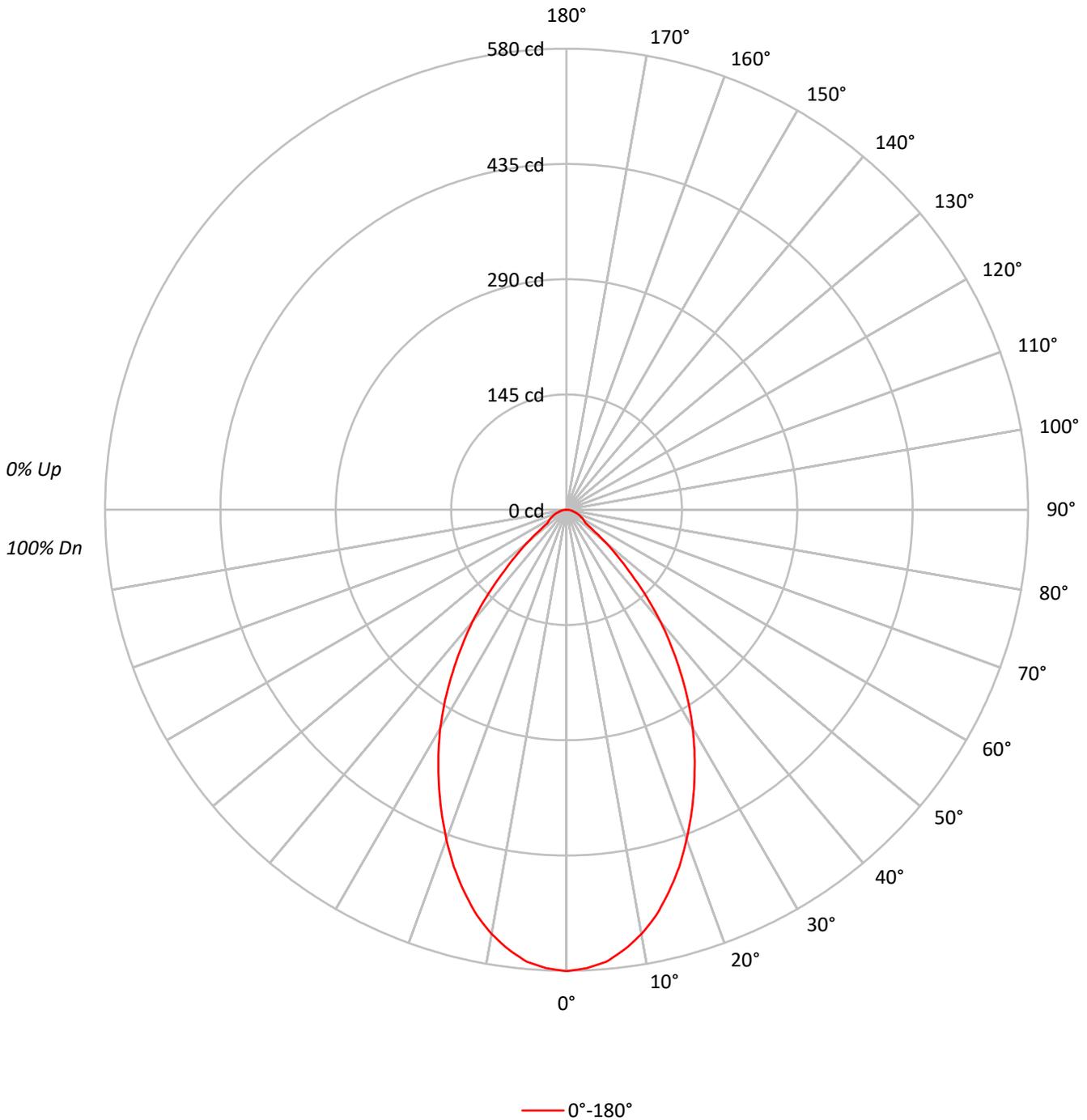
Test Method: LM-79-2019  
Report Number: P1259718  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R559050DE010 E3DLD1WMH  
Description: 3in Adjustable LED luminaire with, R55 optic, 5000K CCT AND, 90CRI , E3DLD1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 677.0 lumens  
Efficiency: N/A  
Efficacy: 61.0 lumens/watt  
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11.1  
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				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
1	112	109	106	103	110	107	104	102	103	100	98	99	97	95	95	94	93	91				91
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82				82
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74				74
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68				68
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62				62
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57				57
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52				52
8	73	62	55	51	72	62	55	51	60	54	50	59	54	50	58	53	50	48				48
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45				45
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42				42

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

	0°
0°	127292
5°	125666
10°	120706
15°	112895
20°	103002
25°	91892
30°	80367
35°	66789
40°	52641
45°	35694
50°	21833
55°	11316
60°	10525
65°	9962
70°	9232
75°	8133
80°	8082
85°	6038

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 35694 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	53.5	7.9
10°-20°	139.0	20.5
20°-30°	174.1	25.7
30°-40°	155.4	23.0
40°-50°	91.0	13.4
50°-60°	31.4	4.6
60°-70°	19.0	2.8
70°-80°	10.5	1.6
80°-90°	3.0	0.5
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°	366.6	54.2
0°-40°	522.0	77.1
0°-60°	644.4	95.2
0°-90°	677.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	677.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	580	
5°	571	54
15°	497	139
25°	380	174
35°	250	155
45°	115	91
55°	30	31
65°	19	19
75°	10	11
85°	2	3
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	580.5
2.5°	577.3
5°	570.9
7.5°	558.1
10°	542.1
12.5°	522.1
15°	497.3
17.5°	471.0
20°	441.4
22.5°	411.0
25°	379.8
27.5°	348.6
30°	317.4
32.5°	283.9
35°	249.5
37.5°	215.9
40°	183.9
42.5°	149.5
45°	115.1
47.5°	88.0
50°	64.0
52.5°	41.6
55°	29.6
57.5°	26.4
60°	24.0
62.5°	21.6
65°	19.2
67.5°	16.8
70°	14.4
72.5°	12.0
75°	9.6
77.5°	8.0
80°	6.4
82.5°	4.0
85°	2.4
87.5°	1.6
90°	0.0

(END OF REPORT)