Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P1262993

Luminaire Tested: P3AS17R259727DE010 E3D1WMH

Issue Date: 1/29/2026

COOPER
Lighting Solutions

Test Information

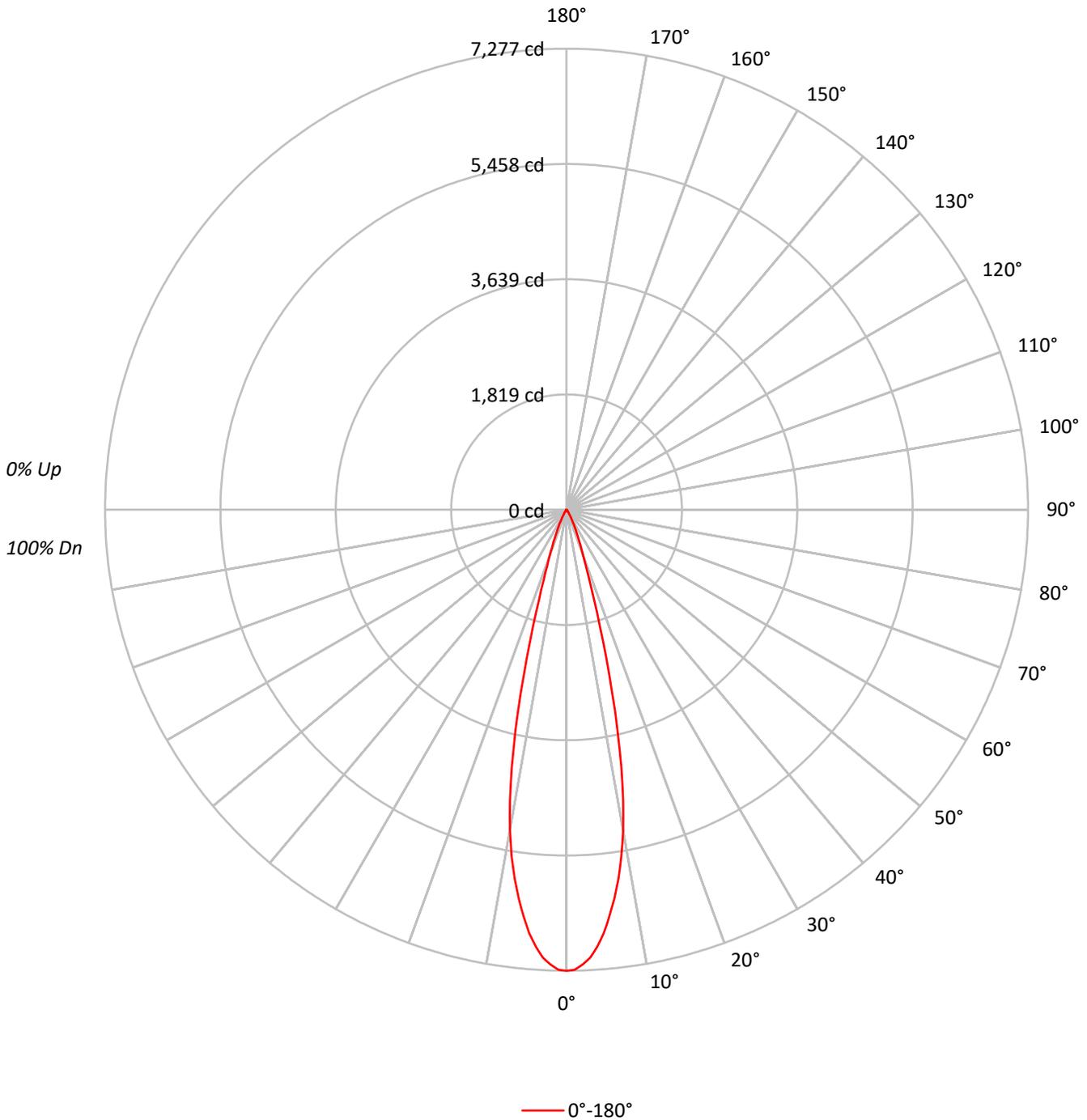|	
Test Method:	LM-79-2019
Report Number:	P1262993
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab:	INNOVATION CENTER
Issue Date:	1/29/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS17R259727DE010 E3D1WMH
Description:	3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3D1WMH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1457.0 lumens
Efficiency:	N/A
Efficacy:	68.7 lumens/watt
Spacing Criteria (0/90/45):	0.44 / 0.44 / 0.4
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	21.2
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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Scaled Data Report

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Luminous Intensity Polar Plot

0° - 180°

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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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	115	113	111	110	113	111	110	108	107	106	105	104	103	102	100	99	99	97
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92
4	106	101	97	94	104	100	96	94	98	95	92	96	93	91	94	92	90	89
5	103	97	93	91	101	96	93	90	95	92	90	93	91	89	92	90	88	87
6	100	94	90	88	99	94	90	87	92	89	87	91	88	86	90	88	86	85
7	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	86	84	83
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82	81
9	93	87	83	81	92	86	83	80	86	83	80	85	82	80	84	82	80	79
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	83	80	78	77

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1595684
5°	1478182
10°	1143688
15°	546269
20°	180102
25°	75924
30°	29422
35°	12715
40°	4237
45°	1954
50°	716
55°	421
60°	219
65°	259
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1954 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	590.3	40.5
10°-20°	671.4	46.1
20°-30°	156.0	10.7
30°-40°	32.7	2.2
40°-50°	5.3	0.4
50°-60°	0.9	0.1
60°-70°	0.4	0.0
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°	1417.6	97.3
0°-40°	1450.4	99.5
0°-60°	1456.5	100.0
0°-90°	1457.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1457.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7277	
5°	6715	590
15°	2406	671
25°	314	156
35°	48	33
45°	6	5
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	7276.9
1°	7262.1
2°	7186.6
3°	7080.4
4°	6918.2
5°	6715.4
6°	6454.9
7°	6182.3
8°	5876.5
9°	5531.5
10°	5136.4
11°	4678.4
12°	4152.7
13°	3576.9
14°	2974.7
15°	2406.3
16°	1903.4
17°	1482.9
18°	1166.4
19°	932.9
20°	771.8
21°	645.0
22°	541.5
23°	452.2
24°	378.2
25°	313.8
27.5°	186.0
30°	116.2
32.5°	74.5
35°	47.5
37.5°	28.5
40°	14.8
42.5°	9.5
45°	6.3
47.5°	3.7
50°	2.1
52.5°	1.1
55°	1.1
57.5°	0.5
60°	0.5
62.5°	0.5
65°	0.5
67.5°	0.5
70°	0.0
72.5°	0.0

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CANDELA DISTRIBUTION (continued):

	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)