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: P1265404

Luminaire Tested: P3A17R309730DE010 E3D1WMH

Issue Date: 1/29/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1265404
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)
Test Lab:	INNOVATION CENTER
Issue Date:	1/29/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3A17R309730DE010 E3D1WMH
Description:	3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3D1WMH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1458.0 lumens
Efficiency:	N/A
Efficacy:	68.8 lumens/watt
Spacing Criteria (0/90/45):	0.52 / 0.52 / 0.47
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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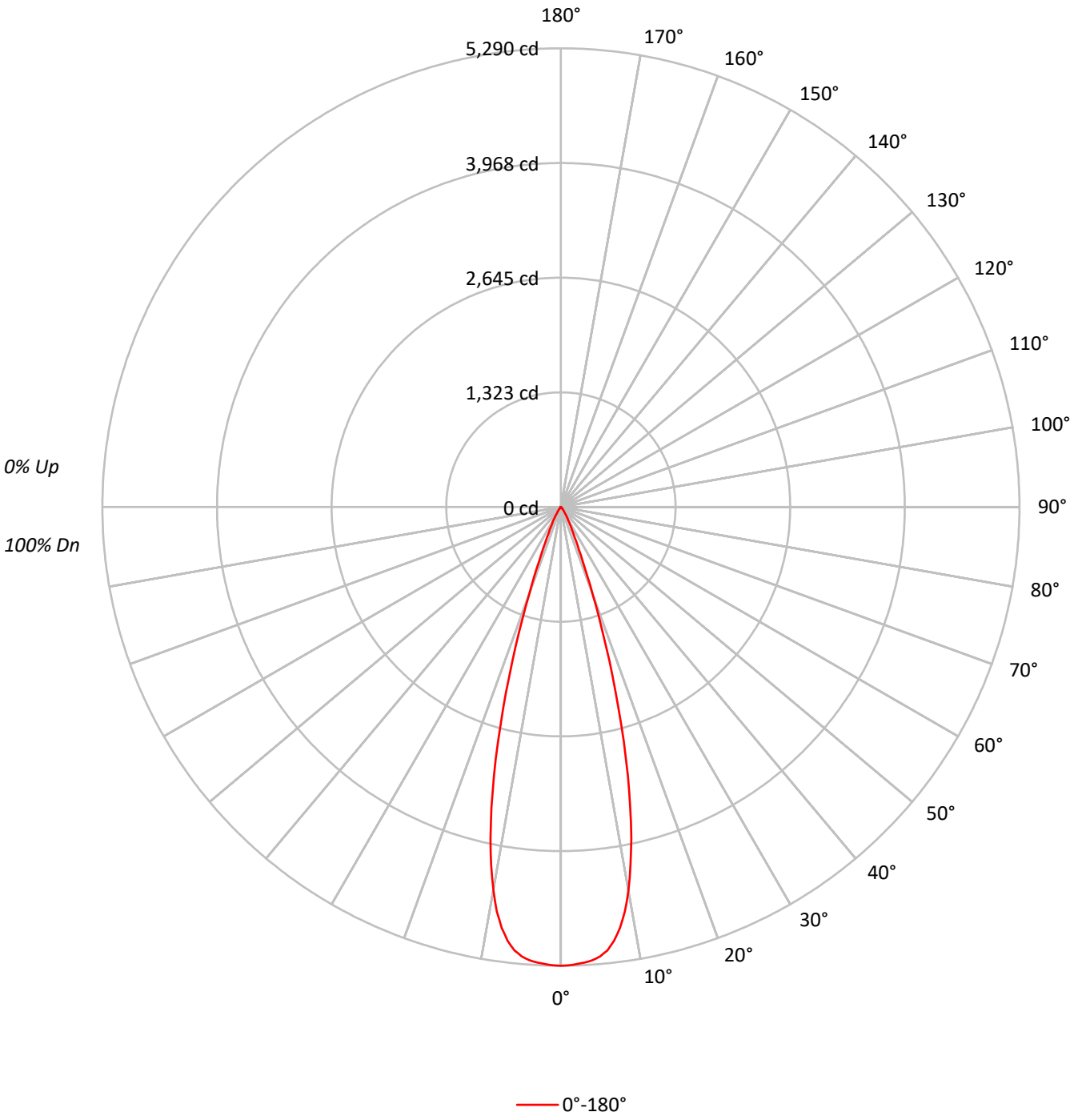
Luminous Intensity Polar Plot



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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	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	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94
3	108	103	100	97	106	102	99	96	99	97	95	97	95	93	95	93	92	90
4	105	99	95	92	103	98	95	92	96	93	91	94	92	90	93	91	89	88
5	101	96	92	89	100	95	91	88	93	90	87	92	89	87	90	88	86	85
6	99	92	88	85	97	92	88	85	90	87	85	89	86	84	88	85	83	82
7	96	89	85	82	95	89	85	82	88	84	82	87	84	81	86	83	81	80
8	93	87	83	80	92	86	82	80	85	82	79	84	81	79	84	81	79	78
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	82	79	77	76
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	80	77	75	74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1160039
5°	1144901
10°	999603
15°	635350
20°	251719
25°	84077
30°	39120
35°	17721
40°	6813
45°	3349
50°	955
55°	421
60°	263
65°	311
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3349 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	475.5	32.6
10°-20°	737.4	50.6
20°-30°	190.1	13.0
30°-40°	44.7	3.1
40°-50°	8.7	0.6
50°-60°	1.0	0.1
60°-70°	0.5	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°	1403.1	96.2
0°-40°	1447.8	99.3
0°-60°	1457.5	100.0
0°-90°	1458.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1458.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5290	
5°	5201	476
15°	2799	737
25°	348	190
35°	66	45
45°	11	9
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	5290.2
1°	5286.2
2°	5273.7
3°	5259.6
4°	5238.7
5°	5201.3
6°	5140.7
7°	5040.0
8°	4902.5
9°	4723.1
10°	4489.3
11°	4211.4
12°	3908.0
13°	3558.8
14°	3193.2
15°	2798.7
16°	2412.2
17°	2039.8
18°	1682.6
19°	1354.9
20°	1078.7
21°	849.0
22°	667.8
23°	528.6
24°	423.3
25°	347.5
26°	289.8
27°	246.2
28°	212.8
29°	182.2
30°	154.5
32.5°	97.3
35°	66.2
37.5°	41.3
40°	23.8
42.5°	15.8
45°	10.8
47.5°	6.2
50°	2.8
52.5°	1.1
55°	1.1
57.5°	0.6
60°	0.6
62.5°	0.6
65°	0.6

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CANDELA DISTRIBUTION (continued):

	0°
67.5°	*0.6*
70°	*0.0*
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)