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: P1263047

Luminaire Tested: P3A17R359727DE010 E3CB1MB

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1263047
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3A17R359727DE010 E3CB1MB
Description:	3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , E3CB1MB TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1369.1 lumens
Efficiency:	N/A
Efficacy:	64.6 lumens/watt
Spacing Criteria (0/90/45):	0.58 / 0.58 / 0.52
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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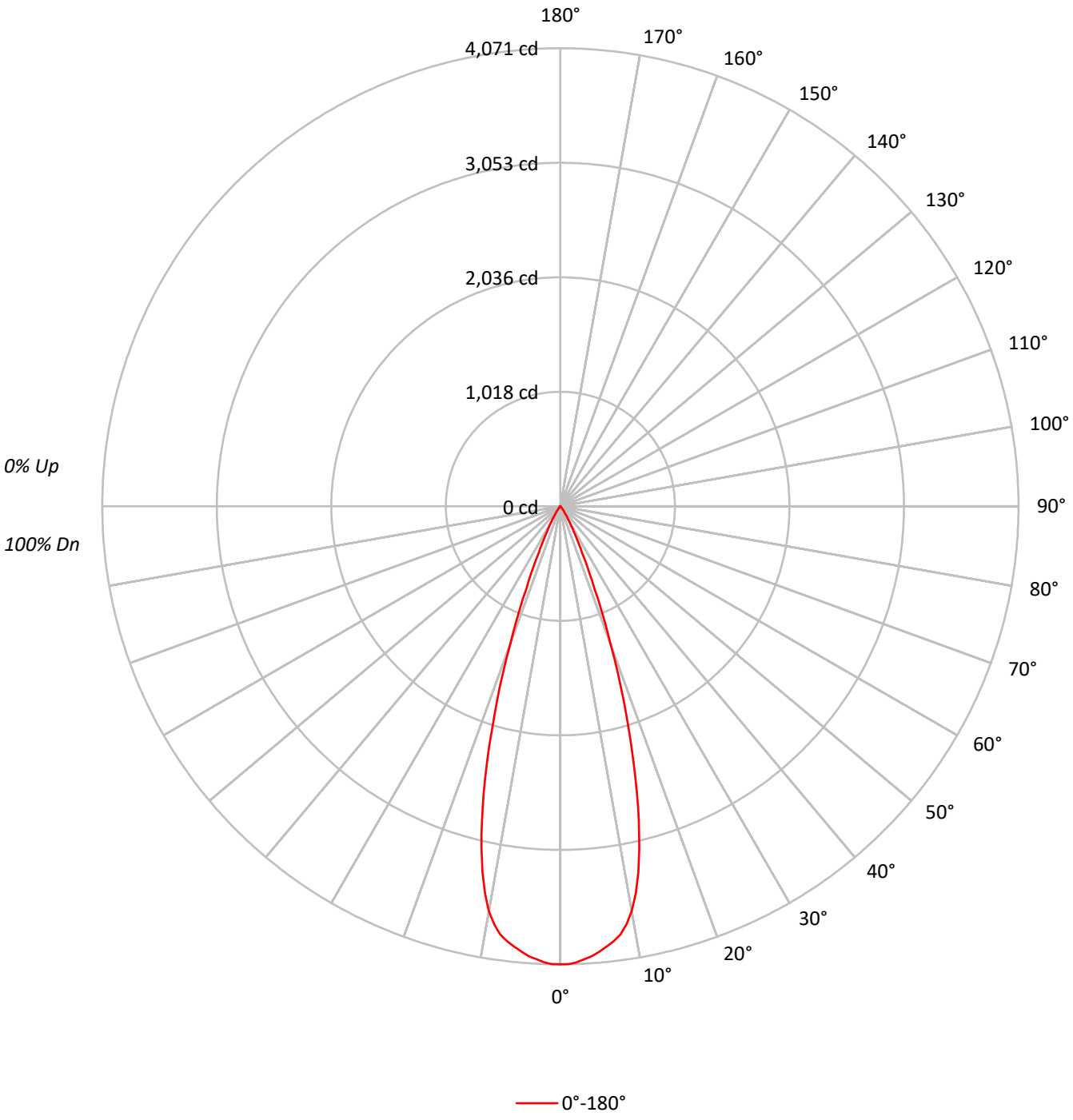
Luminous Intensity Polar Plot



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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	112	110	109	107	106	105	104	103	102	101	99	99	98	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	89
4	104	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86
5	100	94	90	87	99	93	89	86	92	88	86	90	87	85	89	86	84	83
6	97	91	86	83	96	90	86	83	89	85	82	87	84	82	86	83	81	80
7	94	87	83	80	93	87	83	80	86	82	79	85	81	79	84	81	79	77
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76	75
9	89	82	77	74	88	81	77	74	80	77	74	80	76	74	79	76	74	73
10	86	79	75	72	85	79	75	72	78	74	72	77	74	72	77	74	71	70

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	892670
5°	874486
10°	813545
15°	596462
20°	305413
25°	110087
30°	42867
35°	15018
40°	6183
45°	1675
50°	1467
55°	1644
60°	1403
65°	1141
70°	1410
75°	1864
80°	1389
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 75°
Luminance: 1864 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	370.4	27.1
10°-20°	694.9	50.8
20°-30°	246.0	18.0
30°-40°	43.1	3.1
40°-50°	6.3	0.5
50°-60°	3.5	0.3
60°-70°	2.5	0.2
70°-80°	1.9	0.1
80°-90°	0.4	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°	1311.3	95.8
0°-40°	1354.4	98.9
0°-60°	1364.2	99.6
0°-90°	1369.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1369.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4071	
5°	3973	370
15°	2627	695
25°	455	246
35°	56	43
45°	5	6
55°	4	3
65°	2	3
75°	2	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	4070.9
1°	4069.9
2°	4056.9
3°	4032.1
4°	4009.5
5°	3972.8
6°	3935.1
7°	3893.1
8°	3841.3
9°	3760.4
10°	3653.7
11°	3506.0
12°	3328.1
13°	3116.8
14°	2883.9
15°	2627.4
17.5°	1956.8
20°	1308.8
22.5°	789.2
25°	455.0
27.5°	271.7
30°	169.3
32.5°	98.1
35°	56.1
37.5°	35.6
40°	21.6
42.5°	10.8
45°	5.4
47.5°	4.3
50°	4.3
52.5°	4.3
55°	4.3
57.5°	3.2
60°	3.2
62.5°	3.2
65°	2.2
67.5°	2.2
70°	2.2
72.5°	2.2
75°	2.2
77.5°	1.1
80°	1.1
82.5°	1.1
85°	0.0
87.5°	0.0

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)