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: P1263150

Luminaire Tested: P3A17R509727DE010 E3DLD1WH

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1263150
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3A17R509727DE010 E3DLD1WH
Description:	3in Adjustable LED luminaire with, R50 optic, 2700K CCT AND, 97CRI , E3DLD1WH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	944.0 lumens
Efficiency:	N/A
Efficacy:	44.5 lumens/watt
Spacing Criteria (0/90/45):	0.88 / 0.88 / 0.93
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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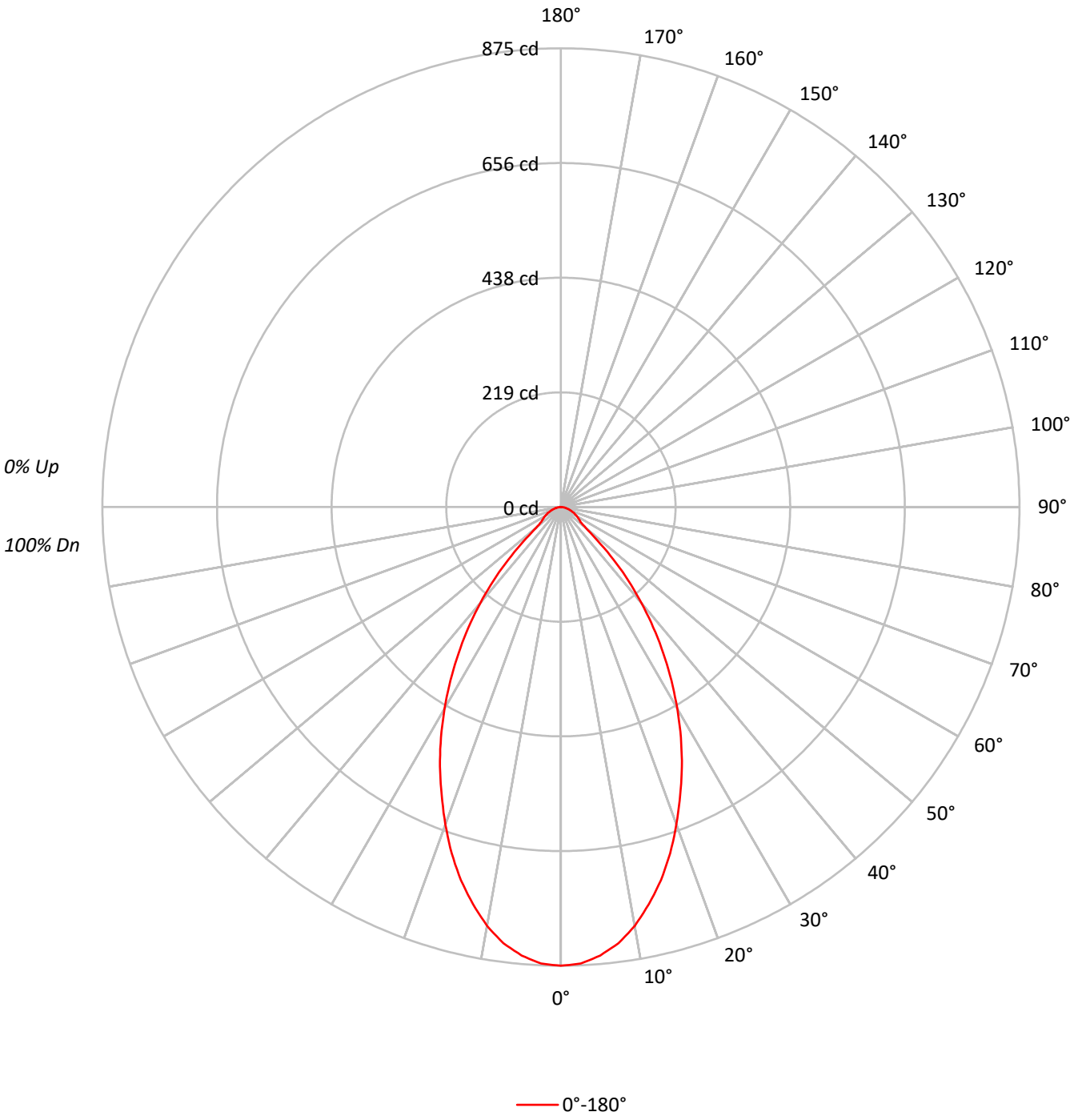
Luminous Intensity Polar Plot



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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	112	109	106	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	83
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	80	77	75
4	93	85	78	73	91	83	77	73	81	76	72	79	75	71	77	73	70	69
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	64	63
6	83	73	66	61	81	72	65	61	70	65	60	69	64	60	67	63	59	58
7	78	68	61	56	77	67	61	56	66	60	56	64	59	55	63	59	55	53
8	74	63	57	52	73	63	56	52	61	56	52	60	55	51	59	55	51	50
9	70	59	53	48	69	59	52	48	58	52	48	57	52	48	56	51	48	46
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	45	43

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	191849
5°	189016
10°	180647
15°	167288
20°	150350
25°	132153
30°	112397
35°	91149
40°	68471
45°	44098
50°	20946
55°	16477
60°	15613
65°	14528
70°	13143
75°	11861
80°	10860
85°	10819

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 44098 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.5	8.5
10°-20°	205.5	21.8
20°-30°	249.6	26.4
30°-40°	211.7	22.4
40°-50°	110.0	11.6
50°-60°	39.7	4.2
60°-70°	27.4	2.9
70°-80°	14.9	1.6
80°-90°	4.7	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°	535.6	56.7
0°-40°	747.3	79.2
0°-60°	897.0	95.0
0°-90°	944.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	944.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	875	
5°	859	80
15°	737	205
25°	546	250
35°	340	212
45°	142	110
55°	43	40
65°	28	27
75°	14	15
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	874.9
2.5°	871.6
5°	858.7
7.5°	839.3
10°	811.3
12.5°	775.7
15°	736.9
17.5°	692.8
20°	644.3
22.5°	594.7
25°	546.2
27.5°	495.6
30°	443.9
32.5°	392.2
35°	340.5
37.5°	289.8
40°	239.2
42.5°	190.7
45°	142.2
47.5°	94.8
50°	61.4
52.5°	47.4
55°	43.1
57.5°	38.8
60°	35.6
62.5°	31.2
65°	28.0
67.5°	23.7
70°	20.5
72.5°	17.2
75°	14.0
77.5°	10.8
80°	8.6
82.5°	6.5
85°	4.3
87.5°	2.2
90°	0.0

(END OF REPORT)