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: P1274480

Luminaire Tested: P3AS17R509830DE010 E3DL1MW

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1274480
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS17R509830DE010 E3DL1MW
Description:	3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 98CRI , E3DL1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1322.0 lumens
Efficiency:	N/A
Efficacy:	64.8 lumens/watt
Spacing Criteria (0/90/45):	0.77 / 0.77 / 0.75
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	20.4
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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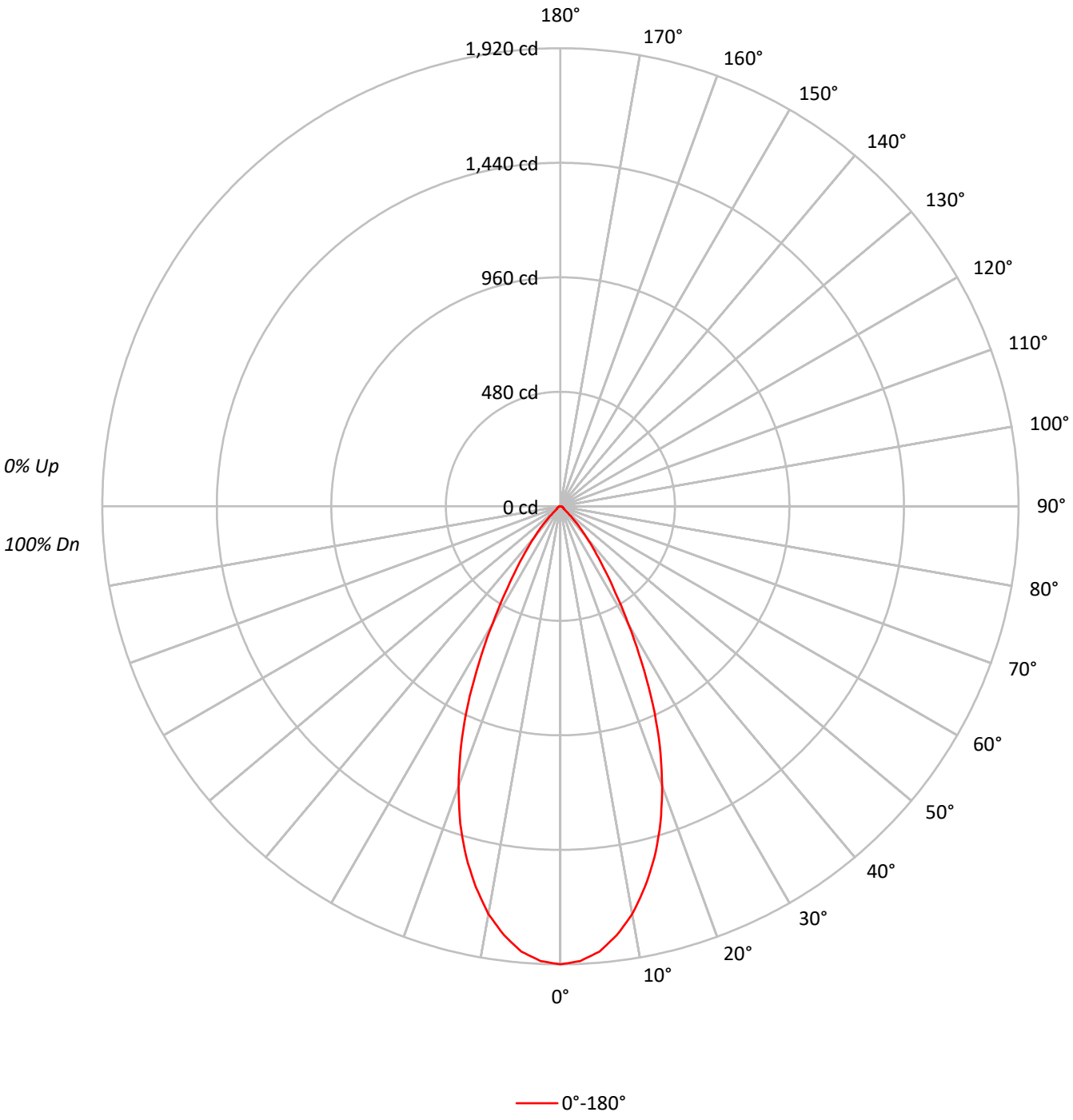
Luminous Intensity Polar Plot



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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	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	80	78	76
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72
6	89	80	75	71	88	80	74	70	78	73	70	77	73	69	75	72	69	67
7	85	76	70	66	84	75	70	66	74	69	66	73	69	65	72	68	65	64
8	81	72	66	62	80	71	66	62	70	65	62	69	65	62	68	64	61	60
9	78	68	63	59	76	68	62	59	67	62	59	66	62	58	65	61	58	57
10	74	65	59	56	73	65	59	56	64	59	55	63	58	55	62	58	55	54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	420909
5°	412414
10°	386299
15°	345814
20°	291015
25°	222110
30°	144351
35°	85581
40°	49464
45°	24778
50°	9211
55°	7187
60°	6710
65°	6123
70°	6027
75°	6015
80°	5935
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 24778 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	174.3	13.2
10°-20°	421.3	31.9
20°-30°	413.3	31.3
30°-40°	208.2	15.8
40°-50°	65.8	5.0
50°-60°	17.1	1.3
60°-70°	12.1	0.9
70°-80°	7.5	0.6
80°-90°	2.6	0.2
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°	1008.9	76.3
0°-40°	1217.1	92.1
0°-60°	1299.9	98.3
0°-90°	1322.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1322.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1920	
5°	1874	174
15°	1523	421
25°	918	413
35°	320	208
45°	80	66
55°	19	17
65°	12	12
75°	7	7
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1919.5
2.5°	1907.7
5°	1873.6
7.5°	1812.5
10°	1734.9
12.5°	1635.0
15°	1523.3
17.5°	1394.0
20°	1247.1
22.5°	1088.4
25°	918.0
27.5°	737.0
30°	570.1
32.5°	429.0
35°	319.7
37.5°	236.3
40°	172.8
42.5°	122.2
45°	79.9
47.5°	45.8
50°	27.0
52.5°	20.0
55°	18.8
57.5°	16.5
60°	15.3
62.5°	14.1
65°	11.8
67.5°	10.6
70°	9.4
72.5°	8.2
75°	7.1
77.5°	5.9
80°	4.7
82.5°	3.5
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)