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: P1268285

Luminaire Tested: P3AS20R509735D010 E3DLD1MW

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1268285
	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:	P3AS20R509735D010 E3DLD1MW
Description:	3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1380.1 lumens
Efficiency:	N/A
Efficacy:	47.9 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):	28.8
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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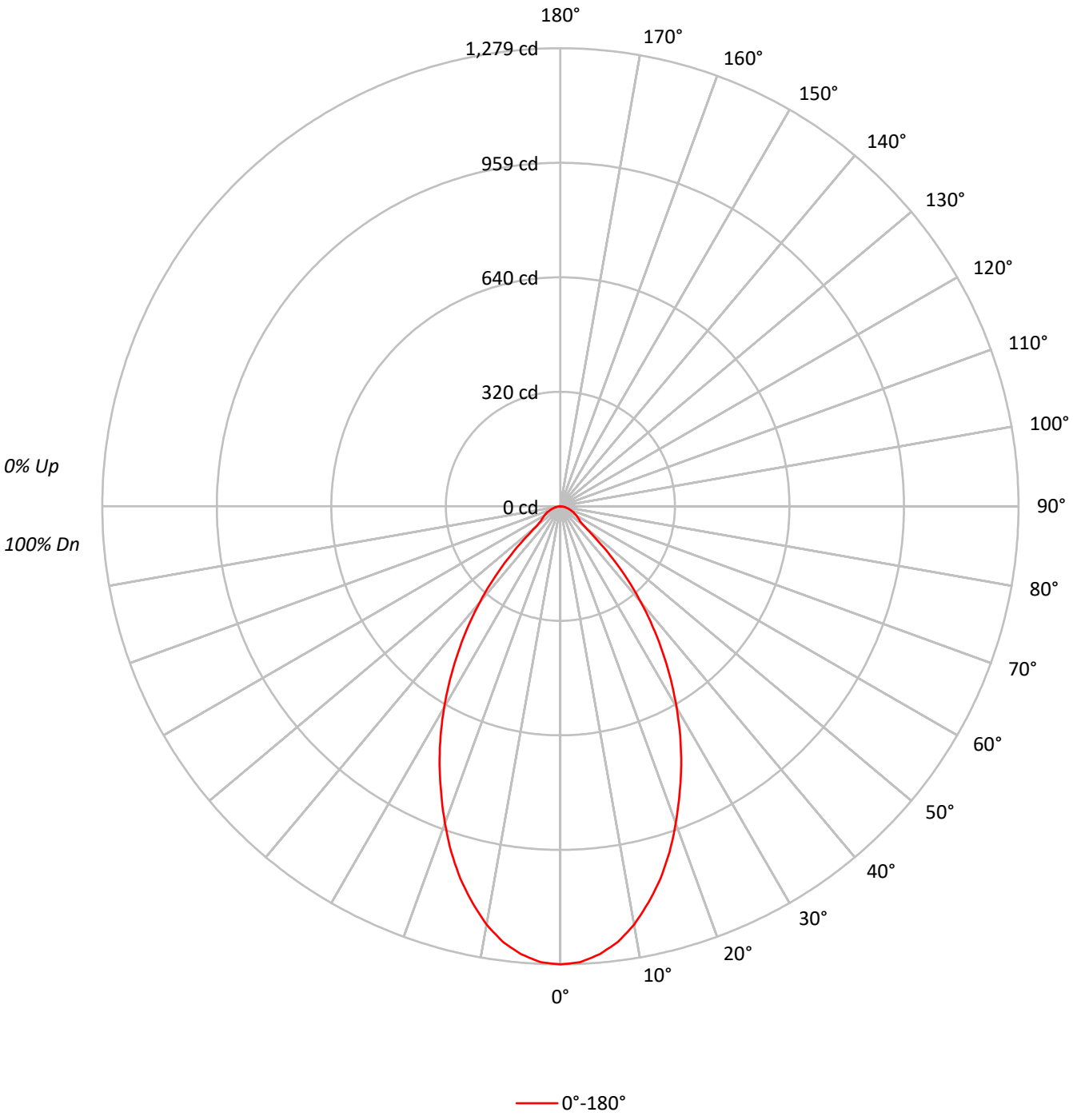
Luminous Intensity Polar Plot



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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°	280438
5°	276314
10°	264079
15°	244564
20°	219796
25°	193197
30°	164304
35°	133230
40°	100102
45°	64472
50°	30634
55°	24085
60°	22805
65°	21273
70°	19170
75°	17368
80°	15911
85°	15851

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 64472 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.7	8.5
10°-20°	300.4	21.8
20°-30°	364.9	26.4
30°-40°	309.5	22.4
40°-50°	160.8	11.6
50°-60°	58.0	4.2
60°-70°	40.1	2.9
70°-80°	21.8	1.6
80°-90°	6.9	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°	783.0	56.7
0°-40°	1092.4	79.2
0°-60°	1311.2	95.0
0°-90°	1380.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1380.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1279	
5°	1255	118
15°	1077	300
25°	798	365
35°	498	309
45°	208	161
55°	63	58
65°	41	40
75°	20	22
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1278.9
2.5°	1274.2
5°	1255.3
7.5°	1226.9
10°	1186.0
12.5°	1134.0
15°	1077.3
17.5°	1012.7
20°	941.9
22.5°	869.4
25°	798.5
27.5°	724.5
30°	648.9
32.5°	573.3
35°	497.7
37.5°	423.7
40°	349.7
42.5°	278.8
45°	207.9
47.5°	138.6
50°	89.8
52.5°	69.3
55°	63.0
57.5°	56.7
60°	52.0
62.5°	45.7
65°	41.0
67.5°	34.7
70°	29.9
72.5°	25.2
75°	20.5
77.5°	15.8
80°	12.6
82.5°	9.5
85°	6.3
87.5°	3.2
90°	0.0

(END OF REPORT)