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: P1247156

Luminaire Tested: P3AS17R129024DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method:	LM-79-2019
Report Number:	P1247156
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS17R129024DE010 E3DLD1LI
Description:	3in Adjustable LED luminaire with, R12 optic, 2400K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	733.0 lumens
Efficiency:	N/A
Efficacy:	32.0 lumens/watt
Spacing Criteria (0/90/45):	0.76 / 0.76 / 0.82
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct
Input Watts (W):	22.9
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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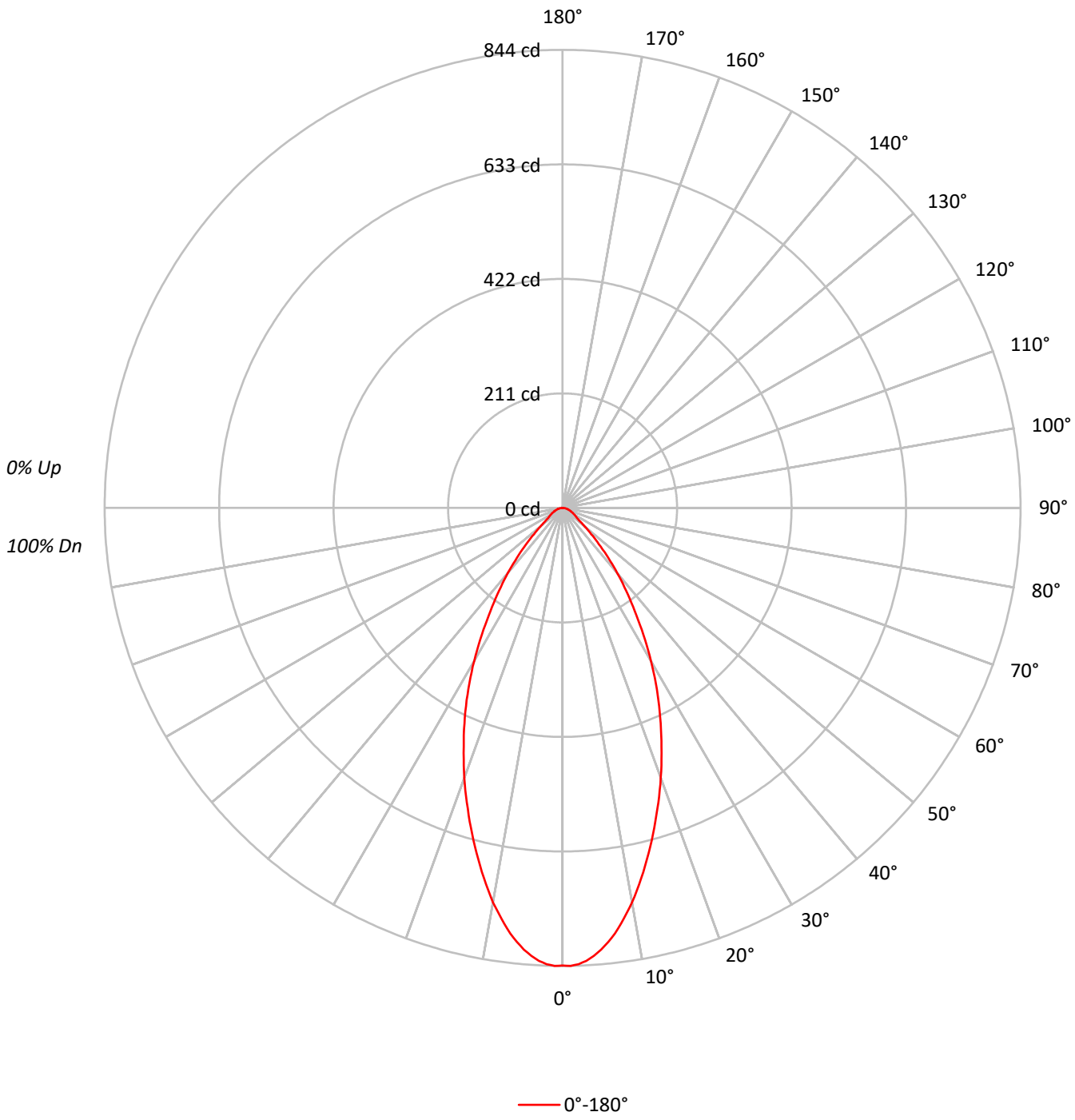
Luminous Intensity Polar Plot



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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	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70
5	89	80	73	68	87	79	73	68	77	72	67	75	70	67	74	69	66	65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	184897
5°	179881
10°	164370
15°	143974
20°	123514
25°	103119
30°	82519
35°	61890
40°	44913
45°	29367
50°	18387
55°	12425
60°	11008
65°	10118
70°	9553
75°	8642
80°	8208
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 29367 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.4	10.3
10°-20°	176.7	24.1
20°-30°	194.7	26.6
30°-40°	145.8	19.9
40°-50°	75.6	10.3
50°-60°	31.3	4.3
60°-70°	19.4	2.6
70°-80°	10.9	1.5
80°-90°	3.1	0.4
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°	446.8	61.0
0°-40°	592.6	80.8
0°-60°	699.5	95.4
0°-90°	733.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	733.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	843	
5°	817	75
15°	634	177
25°	426	195
35°	231	146
45°	95	76
55°	32	31
65°	20	19
75°	10	11
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	843.2
1°	844.1
2°	841.3
3°	835.7
4°	827.4
5°	817.2
6°	804.2
7°	790.2
8°	773.5
9°	755.9
10°	738.2
12.5°	687.2
15°	634.2
17.5°	581.3
20°	529.3
22.5°	476.4
25°	426.2
27.5°	376.1
30°	325.9
32.5°	276.7
35°	231.2
37.5°	192.2
40°	156.9
42.5°	124.4
45°	94.7
47.5°	71.5
50°	53.9
52.5°	39.9
55°	32.5
57.5°	28.8
60°	25.1
62.5°	22.3
65°	19.5
67.5°	16.7
70°	14.9
72.5°	12.1
75°	10.2
77.5°	8.4
80°	6.5
82.5°	4.6
85°	2.8
87.5°	0.9
90°	0.0

(END OF REPORT)