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: P#

Luminaire Tested: P3ART02R70B2750DE010 E3LDWW1LI_4000K

Issue Date: 5/8/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P#
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-13)
Test Lab:	INNOVATION CENTER
Issue Date:	5/8/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3ART02R70B2750DE010 E3LDWW1LI_4000K
Description:	3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 4000K CCT AND, 80CRI , E3LDWW1LI TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	179.0 lumens
Efficiency:	N/A
Efficacy:	61.7 lumens/watt
Spacing Criteria (0/90/45):	0.87 / 0.89 / 0.97
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	2.9
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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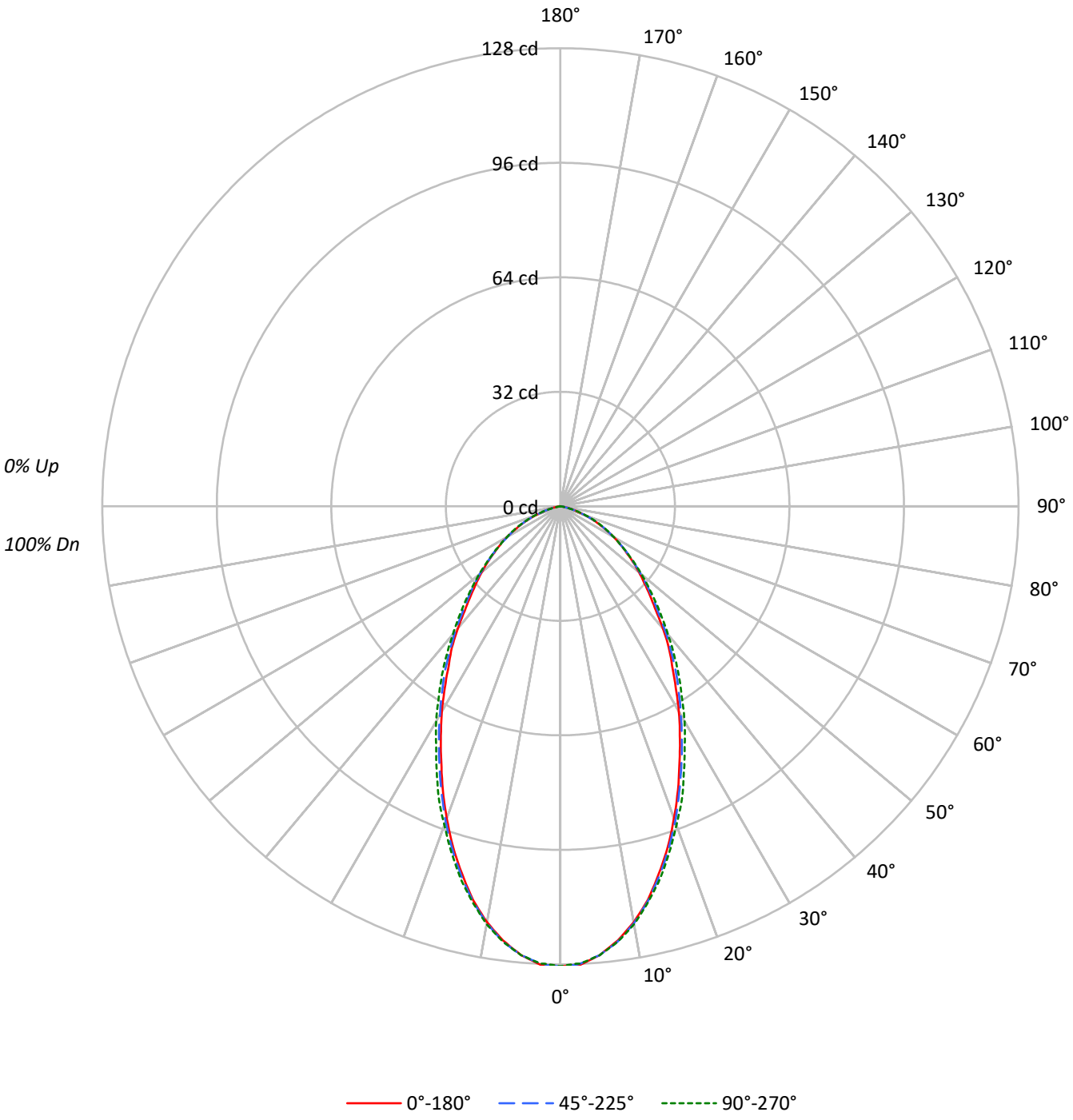
Luminous Intensity Polar Plot



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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	111	108	104	101	109	105	102	100	101	99	97	97	95	94	94	92	91	89
2	103	97	91	87	101	95	90	86	92	87	84	88	85	82	85	83	80	78
3	96	87	81	75	94	86	80	75	83	78	73	80	76	72	78	74	71	69
4	89	79	72	66	87	78	71	66	75	70	65	73	68	64	71	67	63	61
5	83	72	64	59	81	71	64	59	69	63	58	67	62	57	66	61	57	55
6	78	66	58	53	76	65	58	53	64	57	52	62	56	52	60	55	51	50
7	73	61	53	48	71	60	53	48	59	52	47	57	52	47	56	51	47	45
8	68	56	49	44	67	56	49	44	54	48	43	53	47	43	52	47	43	41
9	64	52	45	40	63	52	45	40	51	44	40	50	44	40	49	43	40	38
10	61	49	42	37	60	48	42	37	47	41	37	47	41	37	46	40	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	28178	28178	28178
5°	27713	27713	27713
10°	26274	26341	26408
15°	24132	24268	24450
20°	21655	21865	22122
25°	19041	19332	19767
30°	16762	17041	17572
35°	14562	15044	15446
40°	12738	13082	13397
45°	10978	11350	11629
50°	9791	9995	10098
55°	8602	8717	8717
60°	7587	7456	7587
65°	6226	6382	6538
70°	4873	4873	5065
75°	3219	2965	2965
80°	1894	1515	1137
85°	755	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 75°
Vertical Angle: 45°
Luminance: 11629 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.8	6.6
10°-20°	29.8	16.7
20°-30°	36.8	20.6
30°-40°	35.1	19.6
40°-50°	28.4	15.9
50°-60°	20.4	11.4
60°-70°	12.2	6.8
70°-80°	4.1	2.3
80°-90°	0.4	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°	78.4	43.8
0°-40°	113.5	63.4
0°-60°	162.3	90.7
0°-90°	179.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	179.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	128	128	128	128	128	
5°	126	126	126	126	126	12
15°	106	107	107	107	108	30
25°	79	79	80	81	82	36
35°	54	55	56	57	58	34
45°	35	36	37	37	38	28
55°	22	22	23	23	23	20
65°	12	12	12	13	13	12
75°	4	4	4	4	4	4
85°	0	0	0	0	0	1
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5
2°	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	127.9
2.5°	128.2	127.9	127.9	127.9	127.9	127.9	127.9	127.9	127.9	128.2	127.9
5°	125.9	125.9	125.9	125.9	125.9	125.9	125.9	125.9	126.2	125.9	125.9
7.5°	122.4	122.4	122.4	122.4	122.7	122.7	122.7	122.7	123.0	123.0	122.7
10°	118.0	118.0	118.0	118.0	118.3	118.3	118.6	118.3	118.3	118.6	118.6
12.5°	112.7	112.4	112.4	112.4	112.7	113.0	113.0	113.0	113.3	113.3	113.3
15°	106.3	106.3	106.3	106.6	106.6	106.9	107.1	107.1	107.4	107.4	107.7
17.5°	99.8	99.8	99.5	99.8	100.1	100.4	100.7	101.0	101.3	101.3	101.3
20°	92.8	92.5	92.8	93.1	93.4	93.7	94.0	94.6	94.8	94.8	94.8
22.5°	85.8	85.5	85.8	86.1	86.4	86.7	87.5	87.8	88.1	88.1	88.7
25°	78.7	78.7	79.0	79.3	79.6	79.9	80.5	81.1	81.4	81.7	81.7
27.5°	72.3	72.3	72.3	72.3	72.9	73.5	74.1	74.6	74.9	75.2	75.2
30°	66.2	65.9	65.9	66.2	66.7	67.3	67.9	68.5	68.8	69.1	69.4
32.5°	60.0	60.0	60.0	60.3	60.6	61.5	62.1	62.4	62.9	63.2	63.2
35°	54.4	54.4	54.4	55.0	55.6	56.2	56.5	57.1	57.7	57.7	57.7
37.5°	49.8	50.1	50.6	50.4	50.4	50.6	50.9	51.5	52.1	52.1	52.1
40°	44.5	44.8	45.1	44.8	45.1	45.7	46.0	46.3	46.5	46.8	46.8
42.5°	39.5	39.5	39.5	39.8	40.4	40.7	41.3	41.6	41.9	41.9	41.9
45°	35.4	35.4	35.7	36.0	36.3	36.6	36.9	37.2	37.5	37.5	37.5
47.5°	31.9	31.9	32.2	32.2	32.5	32.8	33.1	33.1	33.4	33.7	33.4
50°	28.7	28.7	28.7	29.0	29.0	29.3	29.3	29.6	29.6	29.6	29.6
52.5°	25.5	25.5	25.5	25.5	25.8	25.8	25.8	26.1	26.1	26.1	26.1
55°	22.5	22.5	22.5	22.5	22.5	22.8	22.8	22.8	22.8	22.8	22.8
57.5°	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
60°	17.3	17.3	17.3	17.3	17.3	17.0	17.3	17.3	17.3	17.3	17.3
62.5°	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.9	14.9	14.9	14.9
65°	12.0	12.3	12.3	12.3	12.3	12.3	12.3	12.6	12.6	12.6	12.6
67.5°	9.7	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.2	10.2	10.2
70°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.9
72.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.6	5.6	5.6
75°	3.8	3.8	3.8	3.8	3.5	3.5	3.5	3.5	3.5	3.5	3.5
77.5°	2.6	2.6	2.6	2.3	2.3	2.0	2.0	2.0	2.0	2.0	1.8
80°	1.5	1.5	1.5	1.5	1.5	1.2	1.2	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.6	0.6	0.6	0.6	0.3	0.3	0.3	0.3
85°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)