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: P1446105

Luminaire Tested: P3ART02R709040DE010 E3CLDWW1MMS

Issue Date: 5/8/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1446105
	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:	P3ART02R709040DE010 E3CLDWW1MMS
Description:	3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 90CRI , E3CLDWW1MMS TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	231.0 lumens
Efficiency:	N/A
Efficacy:	64.2 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):	3.6
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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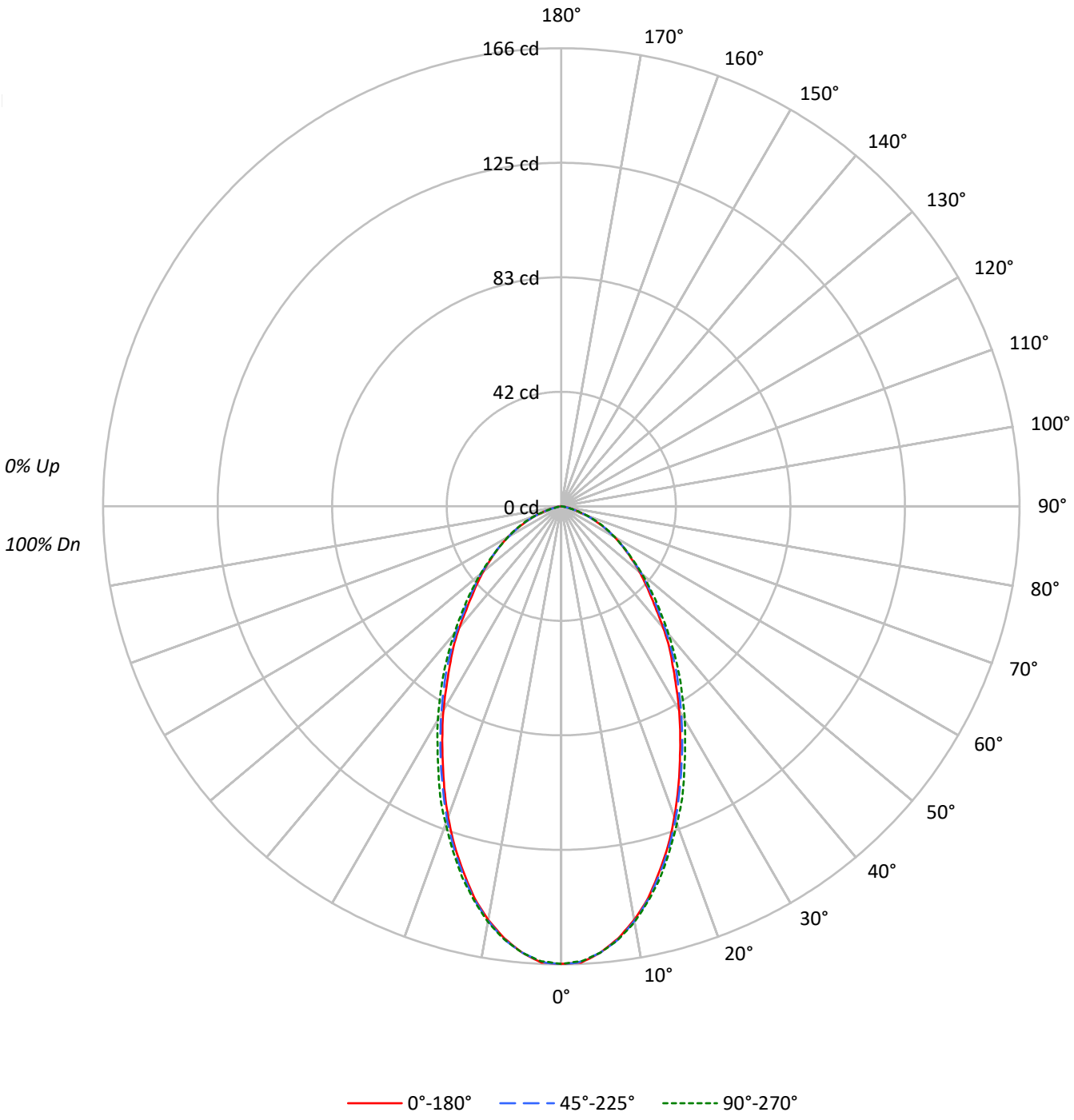
Luminous Intensity Polar Plot



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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	76	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	61	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°	36357	36357	36357
5°	35747	35747	35747
10°	33889	33978	34068
15°	31124	31306	31555
20°	27956	28212	28562
25°	24582	24945	25501
30°	21624	22003	22662
35°	18819	19408	19916
40°	16431	16860	17290
45°	14172	14637	15009
50°	12622	12895	13032
55°	11125	11278	11278
60°	9780	9604	9780
65°	8042	8250	8406
70°	6283	6283	6540
75°	4151	3813	3813
80°	2399	1894	1389
85°	1006	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 75°
Vertical Angle: 45°
Luminance: 15009 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.2	6.6
10°-20°	38.5	16.7
20°-30°	47.5	20.6
30°-40°	45.3	19.6
40°-50°	36.6	15.9
50°-60°	26.4	11.4
60°-70°	15.8	6.8
70°-80°	5.3	2.3
80°-90°	0.5	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°	101.2	43.8
0°-40°	146.5	63.4
0°-60°	209.5	90.7
0°-90°	231.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	231.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	166	166	166	166	166	
5°	162	162	162	162	162	15
15°	137	137	138	138	139	38
25°	102	102	103	105	105	47
35°	70	71	72	74	74	44
45°	46	46	47	48	48	36
55°	29	29	30	30	30	26
65°	16	16	16	16	16	16
75°	5	5	4	4	4	6
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°	165.8	165.8	165.8	165.8	165.8	165.8	165.8	165.8	165.8	165.8	165.8
2°	165.5	165.5	165.5	165.5	165.5	165.5	165.5	165.5	165.5	165.5	165.1
2.5°	165.5	165.1	165.1	165.1	165.1	165.1	165.1	165.1	165.1	165.5	165.1
5°	162.4	162.4	162.4	162.4	162.4	162.4	162.4	162.4	162.8	162.4	162.4
7.5°	157.9	157.9	157.9	157.9	158.3	158.3	158.3	158.3	158.7	158.7	158.3
10°	152.2	152.2	152.2	152.2	152.6	152.6	153.0	152.6	152.6	153.0	153.0
12.5°	145.4	145.1	145.1	145.1	145.4	145.8	145.8	145.8	146.2	146.2	146.2
15°	137.1	137.1	137.1	137.5	137.5	137.9	138.3	138.3	138.6	138.6	139.0
17.5°	128.8	128.8	128.4	128.8	129.2	129.6	130.0	130.3	130.7	130.7	130.7
20°	119.8	119.4	119.8	120.1	120.5	120.9	121.3	122.0	122.4	122.4	122.4
22.5°	110.7	110.3	110.7	111.1	111.4	111.8	113.0	113.3	113.7	113.7	114.5
25°	101.6	101.6	102.0	102.4	102.8	103.1	103.9	104.6	105.0	105.4	105.4
27.5°	93.3	93.3	93.3	93.3	94.1	94.8	95.6	96.3	96.7	97.1	97.1
30°	85.4	85.0	85.0	85.4	86.1	86.9	87.6	88.4	88.8	89.2	89.5
32.5°	77.4	77.4	77.4	77.8	78.2	79.3	80.1	80.5	81.2	81.6	81.6
35°	70.3	70.3	70.3	71.0	71.8	72.5	72.9	73.7	74.4	74.4	74.4
37.5°	64.2	64.6	65.4	65.0	65.0	65.4	65.7	66.5	67.2	67.2	67.2
40°	57.4	57.8	58.2	57.8	58.2	58.9	59.3	59.7	60.1	60.4	60.4
42.5°	51.0	51.0	51.0	51.4	52.1	52.5	53.3	53.6	54.0	54.0	54.0
45°	45.7	45.7	46.1	46.5	46.8	47.2	47.6	48.0	48.4	48.4	48.4
47.5°	41.2	41.2	41.6	41.6	41.9	42.3	42.7	42.7	43.1	43.4	43.1
50°	37.0	37.0	37.0	37.4	37.4	37.8	37.8	38.2	38.2	38.2	38.2
52.5°	32.9	32.9	32.9	32.9	33.2	33.2	33.2	33.6	33.6	33.6	33.6
55°	29.1	29.1	29.1	29.1	29.1	29.5	29.5	29.5	29.5	29.5	29.5
57.5°	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
60°	22.3	22.3	22.3	22.3	22.3	21.9	22.3	22.3	22.3	22.3	22.3
62.5°	18.9	18.9	18.9	18.9	18.9	18.9	18.9	19.3	19.3	19.3	19.3
65°	15.5	15.9	15.9	15.9	15.9	15.9	15.9	16.2	16.2	16.2	16.2
67.5°	12.5	12.8	12.8	12.8	12.8	12.8	12.8	12.8	13.2	13.2	13.2
70°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	10.2
72.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	7.2	7.2	7.2
75°	4.9	4.9	4.9	4.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5
77.5°	3.4	3.4	3.4	3.0	3.0	2.6	2.6	2.6	2.6	2.6	2.3
80°	1.9	1.9	1.9	1.9	1.9	1.5	1.5	1.1	1.1	1.1	1.1
82.5°	1.1	1.1	1.1	0.8	0.8	0.8	0.8	0.4	0.4	0.4	0.4
85°	0.4	0.4	0.4	0.4	0.4	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)