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: P3ART05R709827DE010 E3CLDWW1MW

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:	P3ART05R709827DE010 E3CLDWW1MW
Description:	3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 98CRI , E3CLDWW1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	304.0 lumens
Efficiency:	N/A
Efficacy:	42.2 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):	7.2
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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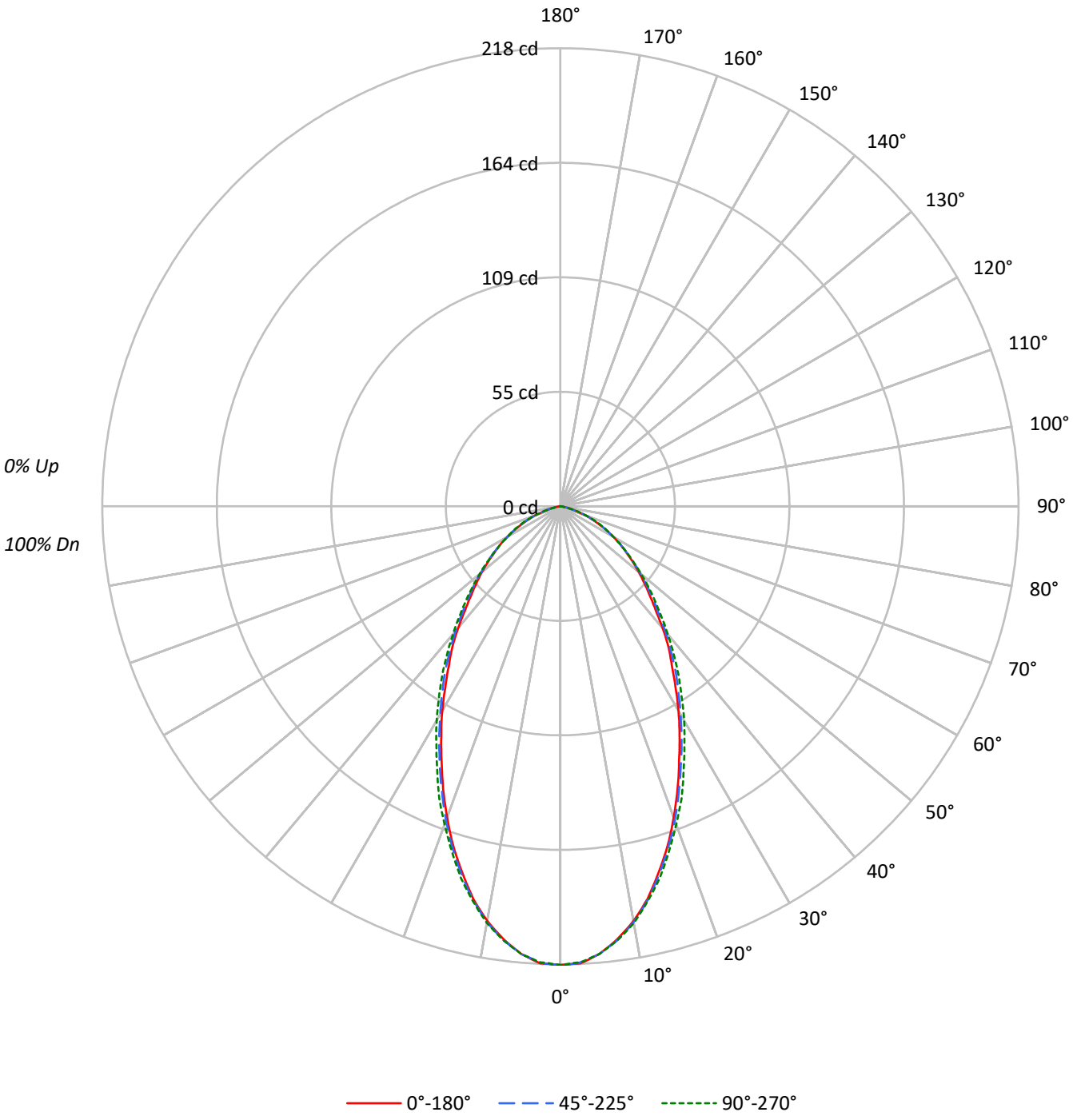
Luminous Intensity Polar Plot



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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°	47869	47869	47869
5°	47061	47061	47061
10°	44622	44733	44844
15°	40976	41203	41544
20°	36777	37127	37593
25°	32349	32833	33558
30°	28460	28941	29827
35°	24762	25565	26207
40°	21641	22213	22757
45°	18669	19258	19723
50°	16614	16955	17125
55°	14642	14833	14833
60°	12850	12631	12850
65°	10585	10844	11104
70°	8271	8271	8591
75°	5507	5083	5083
80°	3157	2526	1894
85°	1258	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 75°
Vertical Angle: 45°
Luminance: 19723 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.0	6.6
10°-20°	50.7	16.7
20°-30°	62.5	20.6
30°-40°	59.6	19.6
40°-50°	48.2	15.9
50°-60°	34.7	11.4
60°-70°	20.8	6.8
70°-80°	7.0	2.3
80°-90°	0.6	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°	133.2	43.8
0°-40°	192.8	63.4
0°-60°	275.7	90.7
0°-90°	304.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	304.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	218	218	218	218	218	
5°	214	214	214	214	214	20
15°	180	181	182	182	183	50
25°	134	135	136	138	139	62
35°	92	93	96	97	98	58
45°	60	61	62	63	64	47
55°	38	38	39	39	39	34
65°	20	21	21	21	21	20
75°	6	6	6	6	6	7
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°	218.3	218.3	218.3	218.3	218.3	218.3	218.3	218.3	218.3	218.3	218.3
2°	217.8	217.8	217.8	217.8	217.8	217.8	217.8	217.8	217.8	217.8	217.3
2.5°	217.8	217.3	217.3	217.3	217.3	217.3	217.3	217.3	217.3	217.8	217.3
5°	213.8	213.8	213.8	213.8	213.8	213.8	213.8	213.8	214.3	213.8	213.8
7.5°	207.8	207.8	207.8	207.8	208.3	208.3	208.3	208.3	208.8	208.8	208.3
10°	200.4	200.4	200.4	200.4	200.9	200.9	201.4	200.9	200.9	201.4	201.4
12.5°	191.4	190.9	190.9	190.9	191.4	191.9	191.9	191.9	192.4	192.4	192.4
15°	180.5	180.5	180.5	181.0	181.0	181.5	182.0	182.0	182.5	182.5	183.0
17.5°	169.5	169.5	169.0	169.5	170.0	170.5	171.0	171.5	172.0	172.0	172.0
20°	157.6	157.1	157.6	158.1	158.6	159.1	159.6	160.6	161.1	161.1	161.1
22.5°	145.7	145.2	145.7	146.2	146.7	147.2	148.7	149.2	149.6	149.6	150.6
25°	133.7	133.7	134.2	134.7	135.2	135.7	136.7	137.7	138.2	138.7	138.7
27.5°	122.8	122.8	122.8	122.8	123.8	124.8	125.8	126.8	127.3	127.8	127.8
30°	112.4	111.9	111.9	112.4	113.4	114.3	115.3	116.3	116.8	117.3	117.8
32.5°	101.9	101.9	101.9	102.4	102.9	104.4	105.4	105.9	106.9	107.4	107.4
35°	92.5	92.5	92.5	93.5	94.5	95.5	96.0	96.9	97.9	97.9	97.9
37.5°	84.5	85.0	86.0	85.5	85.5	86.0	86.5	87.5	88.5	88.5	88.5
40°	75.6	76.1	76.6	76.1	76.6	77.6	78.1	78.6	79.1	79.5	79.5
42.5°	67.1	67.1	67.1	67.6	68.6	69.1	70.1	70.6	71.1	71.1	71.1
45°	60.2	60.2	60.7	61.2	61.6	62.1	62.6	63.1	63.6	63.6	63.6
47.5°	54.2	54.2	54.7	54.7	55.2	55.7	56.2	56.2	56.7	57.2	56.7
50°	48.7	48.7	48.7	49.2	49.2	49.7	49.7	50.2	50.2	50.2	50.2
52.5°	43.3	43.3	43.3	43.3	43.8	43.8	43.8	44.2	44.2	44.2	44.2
55°	38.3	38.3	38.3	38.3	38.3	38.8	38.8	38.8	38.8	38.8	38.8
57.5°	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
60°	29.3	29.3	29.3	29.3	29.3	28.8	29.3	29.3	29.3	29.3	29.3
62.5°	24.9	24.9	24.9	24.9	24.9	24.9	24.9	25.4	25.4	25.4	25.4
65°	20.4	20.9	20.9	20.9	20.9	20.9	20.9	21.4	21.4	21.4	21.4
67.5°	16.4	16.9	16.9	16.9	16.9	16.9	16.9	16.9	17.4	17.4	17.4
70°	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.4
72.5°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	9.4	9.4	9.4
75°	6.5	6.5	6.5	6.5	6.0	6.0	6.0	6.0	6.0	6.0	6.0
77.5°	4.5	4.5	4.5	4.0	4.0	3.5	3.5	3.5	3.5	3.5	3.0
80°	2.5	2.5	2.5	2.5	2.5	2.0	2.0	1.5	1.5	1.5	1.5
82.5°	1.5	1.5	1.5	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5
85°	0.5	0.5	0.5	0.5	0.5	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)