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: P1446755

Luminaire Tested: P3ART02R709740DE010 E3CLDWW1MMS

Issue Date: 5/8/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1446755
	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:	P3ART02R709740DE010 E3CLDWW1MMS
Description:	3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 97CRI , E3CLDWW1MMS TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	208.0 lumens
Efficiency:	N/A
Efficacy:	57.8 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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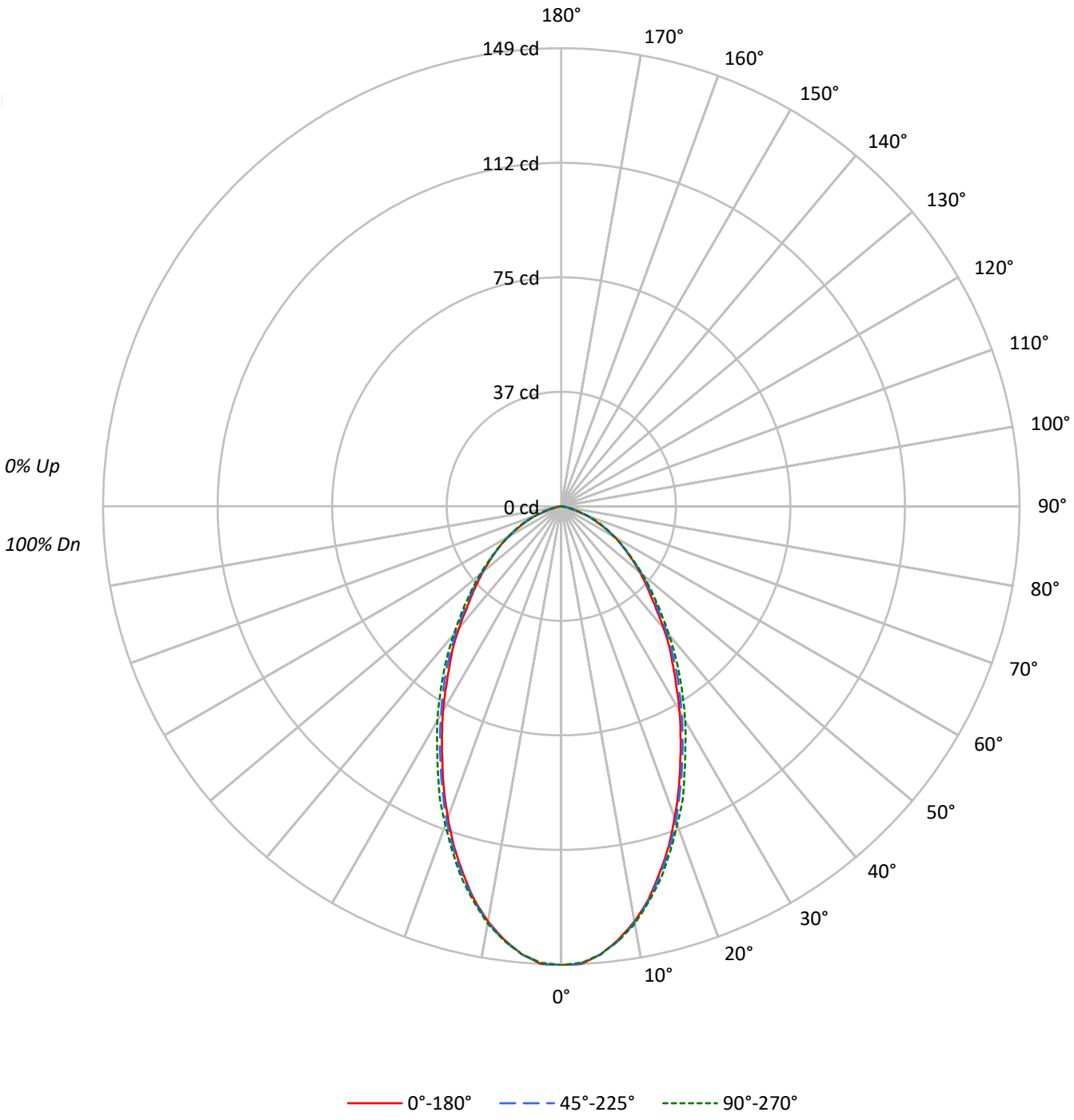
Luminous Intensity Polar Plot



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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	44	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°	32739	32739	32739
5°	32203	32203	32203
10°	30527	30594	30683
15°	28036	28195	28422
20°	25156	25412	25716
25°	22138	22477	22961
30°	19471	19801	20408
35°	16945	17480	17935
40°	14799	15200	15572
45°	12777	13180	13490
50°	11360	11599	11735
55°	10016	10131	10131
60°	8815	8640	8815
65°	7212	7420	7575
70°	5642	5642	5898
75°	3728	3474	3474
80°	2147	1768	1263
85°	755	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 75°
Vertical Angle: 45°
Luminance: 13490 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.7	6.6
10°-20°	34.7	16.7
20°-30°	42.8	20.6
30°-40°	40.8	19.6
40°-50°	33.0	15.9
50°-60°	23.7	11.4
60°-70°	14.2	6.8
70°-80°	4.8	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°	91.1	43.8
0°-40°	131.9	63.4
0°-60°	188.6	90.7
0°-90°	208.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	208.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	149	149	149	149	149	
5°	146	146	146	146	146	14
15°	124	124	124	125	125	35
25°	92	92	93	94	95	42
35°	63	64	65	66	67	40
45°	41	42	42	43	44	32
55°	26	26	26	26	26	24
65°	14	14	14	15	15	14
75°	4	4	4	4	4	5
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°	149.3	149.3	149.3	149.3	149.3	149.3	149.3	149.3	149.3	149.3	149.3
2°	149.0	149.0	149.0	149.0	149.0	149.0	149.0	149.0	149.0	149.0	148.7
2.5°	149.0	148.7	148.7	148.7	148.7	148.7	148.7	148.7	148.7	149.0	148.7
5°	146.3	146.3	146.3	146.3	146.3	146.3	146.3	146.3	146.6	146.3	146.3
7.5°	142.2	142.2	142.2	142.2	142.5	142.5	142.5	142.5	142.9	142.9	142.5
10°	137.1	137.1	137.1	137.1	137.4	137.4	137.8	137.4	137.4	137.8	137.8
12.5°	131.0	130.6	130.6	130.6	131.0	131.3	131.3	131.3	131.6	131.6	131.6
15°	123.5	123.5	123.5	123.8	123.8	124.2	124.5	124.5	124.8	124.8	125.2
17.5°	116.0	116.0	115.7	116.0	116.3	116.7	117.0	117.4	117.7	117.7	117.7
20°	107.8	107.5	107.8	108.2	108.5	108.9	109.2	109.9	110.2	110.2	110.2
22.5°	99.7	99.3	99.7	100.0	100.3	100.7	101.7	102.1	102.4	102.4	103.1
25°	91.5	91.5	91.8	92.2	92.5	92.9	93.5	94.2	94.6	94.9	94.9
27.5°	84.0	84.0	84.0	84.0	84.7	85.4	86.1	86.7	87.1	87.4	87.4
30°	76.9	76.5	76.5	76.9	77.6	78.2	78.9	79.6	79.9	80.3	80.6
32.5°	69.7	69.7	69.7	70.1	70.4	71.4	72.1	72.5	73.1	73.5	73.5
35°	63.3	63.3	63.3	64.0	64.6	65.3	65.7	66.3	67.0	67.0	67.0
37.5°	57.8	58.2	58.8	58.5	58.5	58.8	59.2	59.9	60.6	60.6	60.6
40°	51.7	52.0	52.4	52.0	52.4	53.1	53.4	53.7	54.1	54.4	54.4
42.5°	45.9	45.9	45.9	46.3	46.9	47.3	48.0	48.3	48.6	48.6	48.6
45°	41.2	41.2	41.5	41.8	42.2	42.5	42.9	43.2	43.5	43.5	43.5
47.5°	37.1	37.1	37.4	37.4	37.8	38.1	38.4	38.4	38.8	39.1	38.8
50°	33.3	33.3	33.3	33.7	33.7	34.0	34.0	34.4	34.4	34.4	34.4
52.5°	29.6	29.6	29.6	29.6	29.9	29.9	29.9	30.3	30.3	30.3	30.3
55°	26.2	26.2	26.2	26.2	26.2	26.5	26.5	26.5	26.5	26.5	26.5
57.5°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
60°	20.1	20.1	20.1	20.1	20.1	19.7	20.1	20.1	20.1	20.1	20.1
62.5°	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.3	17.3	17.3	17.3
65°	13.9	14.3	14.3	14.3	14.3	14.3	14.3	14.6	14.6	14.6	14.6
67.5°	11.2	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.9	11.9	11.9
70°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	9.2
72.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.5	6.5	6.5
75°	4.4	4.4	4.4	4.4	4.1	4.1	4.1	4.1	4.1	4.1	4.1
77.5°	3.1	3.1	3.1	2.7	2.7	2.4	2.4	2.4	2.4	2.4	2.0
80°	1.7	1.7	1.7	1.7	1.7	1.4	1.4	1.0	1.0	1.0	1.0
82.5°	1.0	1.0	1.0	0.7	0.7	0.7	0.7	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)