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: P1308659

Luminaire Tested: P3SQAS02R359035DE010 E3SQPHLD1MW

Issue Date: 1/29/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1308659
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)
Test Lab:	INNOVATION CENTER
Issue Date:	1/29/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3SQAS02R359035DE010 E3SQPHLD1MW
Description:	3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3SQPHLD1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	194.1 lumens
Efficiency:	N/A
Efficacy:	53.9 lumens/watt
Spacing Criteria (0/90/45):	0.83 / 0.83 / 0.92
Luminous Opening:	Rectangular (W 0.25' x L: 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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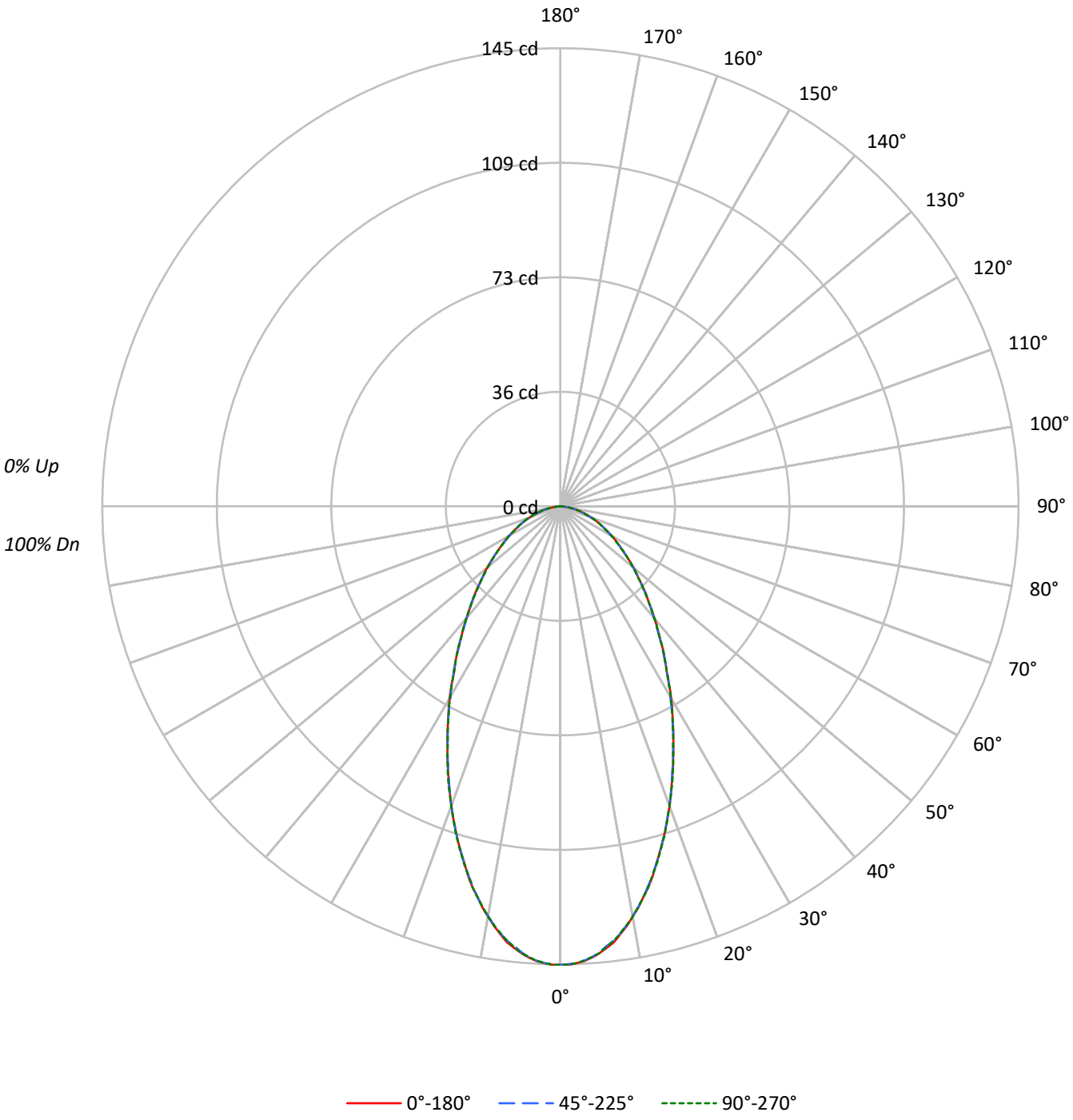
Luminous Intensity Polar Plot



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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	107	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68
4	88	78	71	65	86	77	70	64	75	68	64	72	67	63	70	66	62	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	54
6	77	65	58	52	75	64	57	52	63	56	51	61	55	51	60	55	51	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	37
10	60	49	41	37	59	48	41	37	47	41	37	46	41	36	45	40	36	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	25007	25007	25007
5°	24549	24497	24549
10°	23067	23032	23067
15°	20897	20897	20932
20°	18492	18492	18492
25°	16076	16038	16038
30°	13940	13841	13901
35°	12005	11942	12005
40°	10409	10364	10409
45°	9158	9085	9085
50°	8118	8038	8038
55°	7146	7146	7146
60°	6476	6372	6476
65°	5827	5827	5827
70°	5187	5187	5187
75°	4658	4525	4658
80°	3967	3967	3967
85°	2569	2569	2569

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9158 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.2	6.8
10°-20°	32.7	16.8
20°-30°	38.8	20.0
30°-40°	35.7	18.4
40°-50°	29.0	14.9
50°-60°	21.4	11.0
60°-70°	14.2	7.3
70°-80°	7.4	3.8
80°-90°	1.7	0.9
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°	84.7	43.7
0°-40°	120.4	62.1
0°-60°	170.8	88.0
0°-90°	194.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	194.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	145	145	145	145	145	
5°	142	142	142	142	142	13
15°	117	117	117	117	117	33
25°	85	84	84	85	84	39
35°	57	57	57	57	57	36
45°	38	37	37	37	37	29
55°	24	24	24	24	24	22
65°	14	14	14	14	14	14
75°	7	7	7	7	7	7
85°	1	1	1	1	1	2
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	*145.2*	*145.2*	*145.2*	*145.2*	*145.2*
1°	*145.2*	145.0	145.0	145.0	145.2
2°	*144.7*	144.7	144.7	144.7	144.7
3°	*144.2*	144.0	144.0	144.0	144.0
4°	*143.2*	143.0	143.0	143.0	143.0
5°	*142.0*	141.7	141.7	141.7	142.0
6°	*140.5*	140.2	140.0	140.0	140.2
7°	*139.0*	138.5	138.5	138.5	138.5
8°	*136.7*	136.5	136.5	136.5	136.5
9°	*134.5*	133.9	134.2	134.2	134.2
10°	*131.9*	131.7	131.7	131.7	131.9
11°	*129.4*	129.2	129.2	128.9	129.2
12°	*126.4*	126.4	126.4	126.4	126.4
13°	*123.7*	123.4	123.4	123.4	123.7
14°	*120.7*	120.4	120.4	120.4	120.4
15°	*117.2*	117.2	117.2	117.2	117.4
17.5°	*109.2*	108.9	109.2	109.2	109.4
20°	*100.9*	100.6	100.9	100.9	100.9
22.5°	*92.6*	92.6	92.4	92.6	92.9
25°	*84.6*	84.4	84.4	84.6	84.4
27.5°	*77.1*	76.9	76.9	76.9	76.9
30°	*70.1*	69.6	69.6	69.9	69.9
32.5°	*62.8*	62.8	63.1	62.8	62.8
35°	*57.1*	56.8	56.8	57.1	57.1
37.5°	*51.3*	51.1	51.1	51.3	51.3
40°	*46.3*	46.3	46.1	46.3	46.3
42.5°	*41.6*	41.6	41.6	41.6	41.6
45°	*37.6*	37.3	37.3	37.3	37.3
47.5°	*33.5*	33.5	33.5	33.3	33.5
50°	*30.3*	30.0	30.0	30.0	30.0
52.5°	*26.8*	26.8	26.8	26.8	26.8
55°	*23.8*	23.8	23.8	23.8	23.8
57.5°	*21.3*	21.0	21.0	21.0	21.0
60°	*18.8*	18.8	18.5	18.8	18.8
62.5°	*16.3*	16.3	16.3	16.3	16.3
65°	*14.3*	14.3	14.3	14.3	14.3
67.5°	*12.3*	12.3	12.3	12.3	12.3
70°	*10.3*	10.3	10.3	10.3	10.3
72.5°	*8.8*	8.5	8.5	8.5	8.5
75°	*7.0*	7.0	6.8	7.0	7.0
77.5°	*5.3*	5.3	5.3	5.3	5.3
80°	*4.0*	4.0	4.0	3.8	4.0
82.5°	*2.5*	2.5	2.5	2.5	2.5
85°	*1.3*	1.3	1.3	1.3	1.3
87.5°	*0.3*	0.3	0.3	0.5	0.5

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	*0.0*	0.0	0.0	0.0	0.0

(END OF REPORT)